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KANSAS FARMER AND MAIL & BREEZE

Volume 62

January 19, 1924

Number 3





The -HOOD- Red Boot

The -HOOD- Kattle King

Long Wear with Balanced Weight -to save your strength as it saves your pocketbook-

IF the problem had been simply to make you a boot or a shoe that gave you good wear, or if it had been to make you a comfortable boot without regard to the amount of wear it would give, we could have saved considerable of the time and money that was spent in perfecting HOOD Boots and Overshoes.

As for long wear, we will spend little time talking about it. It must be there, and it is there, in good measure.

But comfort is another story. Many designs tested proved comfortable in the try-on and in the first hour or so of use. At the end of the day they were heavy, and far from comfortable. A little weight off balance does

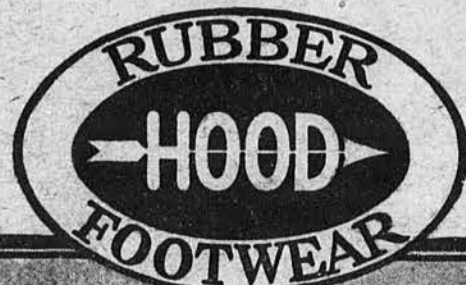
not amount to much until you have carried it for eight or ten hours.

Equal in importance to the proper balance of the boot, is the placing of all reinforcements, inside and outside. They must not in any way cramp the muscles of the foot or partially shut off any of the main arteries of the foot. Improper circulation is the cause of more foot troubles than the average man realizes. Neither do most men realize that the muscles and nerve structure of the feet tie in directly with the big leg and back muscles and with the entire nervous system. Many a back ache and "all in" feeling is due primarily to foot weariness.

We may have gone to some length in explaining these things. We want you to know how HOOD Boots are designed, and how much real comfort and satisfaction they are capable of giving you. Take our word for this to the extent of trying a pair of Red Boots or a pair of Kattle Kings. Put them on for the first long, hard day's work and at the end of such a day see what you think of the principles of balanced weight and scientific reinforcing.

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HOOD



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of the family

KANSAS FARMER and MAIL & BREEZE

January 19, 1924

By *Arthur Capper*

Vol. 62 No. 3



Income Tax Made a Dairyman

Farm Records Disclosed a Profit Thief and Then Frank Jacobs, Trego County, Changed His Whole Production Program

By M. N. Beeler

INCOME tax returns are a nuisance, especially when a farmer's losses exempt him, but Frank Jacobs is grateful for having been required to file returns. Jacobs is a Trego county farmer who lives some miles southwest of Ellis. He originated in Illinois and came to Kansas to make a fortune raising wheat, but somehow the fortune did not materialize and until the income tax law became effective he did not know why. He had been getting in debt a little deeper every year.

Fifteen years ago he began milking cows. That had not been considered necessary in Illinois where the old home place had raised crops every year, but in Western Kansas crop growing was hazardous. He went into the business with some misgivings and did not invest heavily in a herd. Eventually, however, he began to get an idea which projects were paying their way and earning a surplus to meet wheat deficits. Cow profits have a way of intriguing themselves upon the consciousness of wheat farmers. He decided to establish a herd of purebreds and selected six Dutch Belted cows and a bull for his foundation. That was eight years ago.

How He Located His Trouble

During the first year of the income tax he began keeping farm records, which he never had considered necessary before. Jacobs began to suspect from analyzing those first figures that he knew where the trouble was, but conclusions cannot be drawn from results of one year. The second year he began to regard the cow herd with more respect. By the end of the third year he was convinced that the thief of his farm profits had been discovered. From that time on he devoted more and more attention to building up the purebred herd. Now he has 50 head of registered animals and 18 grades.

Wheat is still the biggest single crop on his farm, but it does not hold a very secure place in his regard. Be-

fore the war he raised an average of about 250 acres a year. In response to the appeal for more bread grains, this acreage was increased to 400 and 500. He seeded 400 acres last fall, but only because conditions were favorable and his farm program is not yet adapted to a smaller acreage.

"I have had no wheat crop in three years and this is the third fall that I have bought seed," said Jacobs. "That's where the cows come in. They have made the living for my family and wiped out the deficiencies of wheat."

Records kept for making income tax returns have shown Jacobs that wheat pays a very small return at best and

that his feed crops for dairy cows bring a steady income. Chickens likewise have proved a source of income on his farm. According to Jacobs they are the most profitable livestock a farmer can keep. And Jacobs knows because he keeps records and has studied them to see what they disclose. Last year he sold \$1,800 worth of cream and eggs.

"If farmers in this section of Kansas would build silos, keep more stock and raise less wheat, they would be better off," said Jacobs as he lifted a fork full of cane hay from the wagon and heaved it onto the stack. "I prefer the steady income. Maybe the dairy and chicken income does not

seem so impressive as that from wheat, when there is any, but I have learned that the wheat income goes the same way it comes—in big sums."

Jacobs is operating 1,000 acres, of which 400 are in pasture and the rest in cultivation. Corn, kafir and similar crops have been occupying 200 acres in recent years, but more feed will be grown when he gets a chance to reduce the wheat acreage.

He made an exceptionally good feed crop last year and it will be carefully husbanded against feed failure next fall. He has two silos of 300 tons combined capacity and both are full. The rough feed will be fed during the present winter and one of the silos will be reserved for insurance. Jacobs always raises some corn and always has enough stalks, at least, to fill his silos. The corn crop was good in that section last year and he estimated his yield at 2,500 to 3,000 bushels.

The cows are bred to freshen in the fall. This insures flush production during winter months when cream prices are high and he is able to turn some of the cows dry in summer when other work, especially wheat harvest, demands his time. His milking herd, of 15 cows, returns about \$150 a month from fall until harvest time.

Keeps Big Flock of Chickens

He maintains a flock of 500 to 600 chickens. Most of these are White Leghorns, altho he has a foundation of White Rocks, and his children are planning to build up a flock of Buff Orpingtons. Jacobs considers the chickens more profitable, in proportion to the expense of maintaining them, than the dairy cows.

"I have kept dairy cows 15 years, but only in the last eight, since I began to keep records for income tax returns, have I been dairying on an appreciable scale," he explained. "It is true that I have not had much tax to pay, but the fact that I had to keep records and make a return already has been worth more to me than all the income tax I ever will pay."



Above is Part of the Purebred Dutch Belted Herd and Below is Frank Jacobs Himself With His Two Feed Insurance Policies

Testing Trees at Vories Park

By Raymond H. Gilkeson

ADDING a touch of beauty in spare minutes for the last 15 years has made the T. H. Vories farm, near Wathena, a most desirable place to live. Vories is a successful orchardist, and perhaps, that is one reason he has taken so much pride and delight in building his little farm park.

The home is comfortably located far back in a spacious yard, and is surrounded by tall pines and shrubs and flowers of many kinds. Stretching for almost a quarter of a mile along the cement highway from the yard proper, is a strip about 200 yards wide that Vories calls his park.

Has Sloping Surface

It slopes upward at first, but becomes steeper near the top and finally comes to a halt at a little 4-foot embankment, on top of which is a roadway. To make this 25-foot road, considerable rock had to be quarried out, and this left a natural rock wall about 8 feet high at the back. The rock taken out was used to build a clean-cut, substantial fence along the front of the yard and park, and for building foundations.

At the left and upper corner of the park, as one faces it, is a natural spring. A trough just below the spring always holds a supply of fresh, clean

water for the farm animals. The surplus water flows down a rock runway to be collected in a 50 by 100-foot pond near the fence.

Many trees and shrubs in the park are natural, but others, Mr. Vories planted. Some of the varieties are Blue

Pine, Evergreens, White Pine, Elm, Hickory, Cottonwood, Hackberry, Redwood, Burr Oak, Black Oak, Hickory Nut, Ball Pine, Black Hills Spruce, Colorado Spruce, Norway Spruce, Honey Locust, Birch, Willow, Austrian Pine, Scotch Pine, Hemlock, and



Vories Farm Park Proved to be a Home Experiment Station Showing Soil Adaptations. Among Many Varieties are the Blue Spruce Shown in Picture

Maple. Over the entire park is a good growth of bluegrass.

"It may look like a waste of land," Vories said, "but to me it doesn't. There is more to this life than grinding along for the dollars. The value of natural beauty cannot be estimated in cash. There is nothing I take more delight in than making my place beautiful. For my work I've been paid a hundred per cent in pleasure."

"You cannot make trees, shrubs and flowers grow to maturity in one year—it takes time. The big thing is to make the start and you'll soon get the habit of adding a few hours' effort as you go along. I knew what I was going after when I started this work 15 years ago."

Becomes a Thing of Beauty

"In fact, I had several offers when I was taking the rock out from men who thought I was opening a quarry, but the land had a higher value to me. Now that patch of side-hill park is a thing of beauty and comfort to me, and surely it is a pleasing sight to those who pass this way. All the time I've been working with this park I've been studying soil conditions, so it really has turned out to be a home experiment station, showing which trees and shrubs grow best in this soil and climate."

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Passing Comment—By T. A. McNeal

FROM all reports, Obregon appears to be the first Mexican president who has really tried to better conditions among the farmers of Mexico. It is true that agriculture in the Mexican Republic is still in a crude condition but the outlook is more favorable under Obregon than ever before. The great estates have been broken up to a considerable extent and the lands distributed among the farmers. Large numbers of bandits, who were bandits because the bandit business was about the only one they could safely engage in, have settled on these farms.

The noted bandit chief, Villa, under this arrangement with Obregon, retired to a farm and was an extensive cattle and wheat raiser at the time of his assassination. Were he alive he would probably be loyal to the Obregon government.

Spokesmen for the Obregon government say there is a reserve force of 60,000 of these farmers partially drilled and armed, ready to turn out to fight for Obregon if it becomes necessary.

I have felt at all times and still feel that it is to the advantage of the United States that Obregon succeed.

Is Prohibition Making Progress?

THE people of the entire country, whether favorable to the National prohibitory law or opposed to it, are interested in knowing what progress it is making. Those opposed, of course, want to hear that prohibition has failed, that drinking and drunkenness are increasing and that the National prohibitory law is really the provocative cause for about all of the crime and unrest there is in the country. On the other hand, the friends of National prohibition are looking for facts that will justify their faith; they are disposed to discount reports of widespread violation and to minimize the evils of bootlegging and illicit distilling.

In their desire to make out a case for their own theories neither side is fair or entirely honest. The trouble with the ardent prohibitionist is that he or she expected too much from the suppression of that gigantic evil. Before prohibition became general, it was quite common for the temperance orator to say that nine-tenths of the crime and poverty of the country was directly due to the drink evil. This was an absurd statement and in the long run did harm to the cause of prohibition.

Has the Goods on Russia

ACCORDING to a statement from Washington, Secretary Hughes has resumed the aggressive in defense of the Administration's policy in refusing to deal with the Soviet government of Russia while that government continues to direct revolutionary propaganda in the United States. The State Department, by Secretary Hughes's direction, has made public a translation of a long communication "to American Communists" signed by G. Zinoviev, which appeared in the December 14, 1923 issue of the Moscow Pravda.

Now what might appear in an American newspaper would not in any way blind the Government, but it must be kept in mind that in Russia only such matter is permitted to be published as meets the approval of the Soviet government. This being the case the Soviet government can scarcely escape responsibility for what appears in Government subsidized and Government controlled newspapers.

Opposes Federal Aid Roads

HERE in Mitchell county," writes W. F. Ramsey, "we have, much to our regret, some miles of road built by Government aid. The total cost was \$535,237.28. It really cost much more than that, but this is the estimate of the county engineer. The county issued bonds, running for 10 years, to pay for our share of the expense. Let us see what it will cost at the end of 10 years. The principal running for 10 years, with interest at 5 per cent, payable annually, amounts to \$807,487.28. The upkeep cost, including interest at 5 per cent, \$38,726.65. In figuring this I have assumed that for the first five years it will not cost more than \$100 a mile, annually. This is the estimate of the county clerk. For the sec-

ond five-year period I have assumed that the Kansas State Highway Commission knew their business when they provided, by a state law, that we must furnish the sum of \$500 annually a mile of road for upkeep cost. This, with interest added, amounts to \$38,726.65. The third item, the county engineer's salary and expenses, is only an estimate at \$36,000.

"To sum up we have the principal and interest, \$807,489.28; upkeep cost, 10 years, \$38,726.65;

The Hills of Youth

BY ALFRED NOYES

ONCE, on the far blue hills,
Alone with the pine and the cloud, in those
high, still places:

Alone with the whisper of ferns and a chuckle of
rills,

And the peat-brown pools that mirrored the
angels' faces,

Pools that mirrored the wood-pigeon's grey-blue
feather,

And all my thistledown dreams as they drifted
along;

Once, oh! once, on the hills, thru the red-bloomed
heather

I followed an elfin song.

Once, by the wellsprings of joy,
In the glens of the hart's-tongue fern, where the
brooks came leaping

Over the rocks, like a scrambling barefoot boy
That never has heard of a world grown old with
weeping;

Once, thru the golden gorse (Do the echoes' linger
In Paradise woods, where the foam of the may
runs wild?)

I followed the flute of a light-foot elfin singer,
A god, with the eyes of a child.

Once, he sang to me there,
From a crag on a thyme-clad height where the
dew still glistened;

He sang like the spirit of spring in that dawn-
flushed air,

While the angels opened their doors and the
whole sky listened:

He sang like the soul of a rainbow, if heaven could
hear it.

Beating to heaven, on wings that were April's
own;

A song too happy and brave for the heart to
bear it,

Had the heart of the hearer known.

Once, ah! once, no more,
The hush and the rapture of youth in those holy
places,

The stainless height, the hearts that sing and adore
Till the sky breaks out into flower with the
angels' faces!

Once, in the dawn, they were mine; but the noon
bereft me.

At midnight, now, in an ebb of the loud world's
roar,

I catch but a broken stave of the songs that left
me

On hills that are mine no more.

engineer's salary and expenses, \$36,000; and adding
these we have a total of \$882,215.93. Now
what will we have at the end of 10 years to show
for all of that money? If the experience of other
states is any guide, we will have a worthless
ruin, to show.

"Cement is very brittle. Our hard surfaced
highway is already cracked from end to end,
lengthwise and across. Heavily loaded trucks
and cars, running at high speed, are busily chip-
ping off the edges of those cracks 365 days in
the year, and it has been in use only two years
and its end is in sight. Think of it, more than
\$800,000 for a ruin.

"The issue of excessive taxation is the funda-

mental question of the present day. We must
abolish both the National and the State Highway
Commission. We must abolish the office of state
and county engineers. We ought to abolish the
issuing of any bonds for the next 10 years. We
ought to be able to do this, by the force of en-
lightened public opinion. We ought to be able to
realize for ourselves that these are not the years
to borrow ourselves rich.

"With the trend of prices always down and
the rate of taxation always up, the ultimate tax-
payer is forced to act. The members of the
Farmers' Union are the largest body of taxpayers
in the state. We should serve notice that we de-
mand the highest type of men for representatives
in the legislature and in Congress. That we
believe that taxation is an economic question and
not a political question; that we will consider
ourselves free to support the best men nominated
by either party; that if good roads are to become
general, they must become a sound economic
proposition; that the Federal Government shall
not finance any new irrigation project. And
other things too numerous to mention."

In my opinion we will not abolish our Kansas
State Highway Commission nor will we abolish
the office of county engineer. We will not stop
road improvement, and if roads are improved at
all, they should be improved under intelligent
supervision.

In one thing I agree with Mr. Ramsey. We
should stop the voting of bonds and pay for im-
provements as they are made. I have always
thought that the old toll road was the fairest
way to build a road; the users of the toll road
paid for its making and for its upkeep after it
was built.

Automobiles should be exempt as personal prop-
erty from taxation and a higher license tax im-
posed which should all be used in building and
improving roads.

A gasoline tax should be imposed, collected by
the state and fairly distributed and all used on
the roads. In this way, those using our roads
who are not citizens of the state and who there-
fore do not pay license tax into our treasury
would be compelled to contribute to the building
and upkeep of the roads they use.

An Impossible Government

IT IS not the province of our Government to
undertake to dictate to the people of any other
country what sort of government they shall
have. We have in the past had diplomatic rela-
tions with nations of whose governments we did
not approve. I would not object at all, therefore,
to establishing diplomatic relations with the Soviet
government of Russia just because we do not ap-
prove of that kind of government; but when it de-
velops that the Soviet government has agents in
this country appointed to overthrow our Govern-
ment, that puts the matter in a very different
light.

It is not to be supposed our Department of
State would put out a statement concerning the
activities of Soviet agents in this country without
having the evidence to back it. We are bound to
believe that Secretary Hughes is telling the
truth, and if so, the conduct of these Soviet agents
constitutes practically an act of war on our Gov-
ernment.

No government can overlook or forgive such an
offense as that. All of these Soviet agents should
be captured if possible and imprisoned or deported.

Evidently the leaders of the Soviet government
of Russia have no political sense. They mistake
the temper of the people of the United States if
they imagine that any considerable number of our
citizens will approve of any conspiracy to over-
throw our Government. There are a great many
people in this country who do a great deal of
talking about injustice and official corruption and
the power of wealth, and all that, and there is
much ground for complaint at times, but when the
test comes, 99 per cent of these talkers are ready
if need be, to fight for our Government. They will
have no sympathy with any effort of foreign
agents to overthrow it. There would be no par-
ticular objection to representatives of the Soviet

government spreading propaganda here, telling of the glories of Russia and its possibilities, but when they begin to plot against our Government they will incite the hatred of more than 99 per cent of American citizens.

The Inventions of This Age

IT IS amusing to hear people talk and write about the great inventions of this age. To hear them talk you would suppose that the whole generation participated in these discoveries. The fact is, that if it had not been for an insignificant handful of people, not enough of them altogether born in three centuries to make one present day military company, the world's business still would be done by hand instead of by machinery. But for these few, constituting but a small fraction of 1 per cent of the entire population, there would be no railroads, no telegraph lines, no steam-driven ships or trains, no blast furnaces, no Bessemer-steel, no airplanes, no automobiles, no electric lights, no radio, no newspapers, no modern houses, no skyscrapers, no modern guns, no dynamite, no such thing as modern mining—in short, nothing of modern machinery or modern methods.

There is nothing to show that the average modern man is any more intelligent than his savage forbear. In fact, I am not at all certain that he is as intelligent. This savage ancestor, when thrown upon his own resources, was better able to take care of himself than his educated posterity.

Turn the modern, educated man loose in a forest with no food, no matches and no clothes, and he would soon starve to death or freeze. In all probability he would be hopelessly lost; he would not know how to procure food nor make a fire. His savage ancestor did not get lost; he knew how to make a fire with dry sticks; he could fashion a weapon out of a piece of wood and a stout thong, with which he was able to kill the animals necessary for his food; he knew what roots and berries were edible and he knew where he could find shelter for the night. When it came to native intelligence, I think he had it on his educated descendant.

Farmers' Service Corner

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

Setting Traps on Highways

1—Has anyone a lawful right to set traps on a public highway? A neighbor has traps set along a public road to catch coyotes and the other day a dog got caught in one. A calf or colt might be caught in them and perhaps be so badly hurt it would have to be killed. What can be done about it? 2—How old must a girl be in the state of Colorado in order to become a citizen? L. K.

1—There is no statute that specifically covers a case of this kind. I am inclined to think it might come under the statute which makes it a misdemeanor to wilfully kill, maim or wound any animal. The setting of traps along a public highway where they are likely to injure domestic animals may constitute an offense under this statute.

2—Under the provisions of the Nineteenth Amendment, all girls become citizens, that is in the sense of being old enough to vote, at 21. Of course, in the broad sense of citizenship, all boys and girls are citizens as soon as they are born in this country.

A Case for County Commissioners

There is a tile bridge on the county highway. The water that runs thru this tile runs thru my field. It cut a ditch as the water fell from the tile which was filled with rubbish left from some

building, the rubbish consisting of brick, mortar, pieces of iron and other junk which was thrown in the bridge. If we get an amount of rain the water will wash the brick and iron all along the water course, which is thru my field. This work was done by men hired by the county commissioners. Now this does not hurt my field as long as it stays where they put it, but if we have any rain it is sure to wash thru my field. Is there anything I can do before this rubbish is scattered thru my field or must I wait until my field is covered with rubbish? F. K.

The county has no right to do that which damages you without compensating you for the damage done. Unless the county is willing to make proper recompense and to clean up this ditch you would have a right to enjoin the county from continuing to use this ditch and at the same time you could ask for any damage you have suffered on account of the same. The probability is if you will present your case to the county commissioners and have them view the situation, you can make fair settlement without any suit.

Interest on Open Accounts

Is there any law permitting the charging of interest on an open account, as for example, where one buys a bill of lumber? The bill runs 90 days. After 90 days can the lumber man charge 8 per cent on the debt? C. A. D.

Under the laws of Kansas the lumber dealer would have a right to charge 6 per cent on an unpaid account after due. Of course, if there was an understanding or agreement that this bill was to run 90 days, the interest could not be charged until after the expiration of that period. He could only charge 8 per cent in case of a contract to that effect.

A owes B for board and labor. B takes the account to lawyers C and D for collection. C and D attach property of A and bring suit in the justice of the peace court. A acknowledges the debt and promises to pay the same, which he does in about 30 days. The lawyers charge B 25 per cent for their collection fee. This seems to me to be an outrage and an exorbitant charge. Is there a law in Kansas to govern such cases? Are lawyers allowed to charge what they please for collection of debts? A. D. R.

I do not know, of course, whether this was an exorbitant charge or not. It depended on the amount collected. There is no law governing such cases. If B felt that he was being overcharged, he could have refused to pay the attorneys' fees and tested the matter in court. The probability is, however, that he would have lost his suit.

Who Pays the Threshing Bill?

A rents B his farm for two-fifths of the grain rent delivered at the elevator at harvest. A insures his two-fifths of wheat against fire. B also insures his three-fifths against fire. After the wheat is in the stack, lightning strikes and four of the stacks burn. B settles with his insurance company for three-fifths of the wheat less the threshing bill. A settles with his company for two-fifths less the threshing bill. Should B pay A the threshing bill on his two-fifths of the wheat? If so, had B no insurance should he pay it? If neither had insurance should B pay it? H. W. G.

If the wheat was burned in the stack I cannot understand how there could be a threshing bill and if B agreed to deliver to A two-fifths of the grain at the elevator, then unless there was some other condition in the contract, he would be held for all of the threshing bill because he could not deliver the grain until it was threshed. Of course, if there was a provision in the contract that A should pay a part of the threshing bill that would modify it.

Corporal Punishment

1—Can a school teacher hit a child over the head with a ruler or a big ring she wears on her finger (which is just like a piece of iron) or with a pencil over the ears, or slap children on their faces with her hands? 2—Can she make a child act on the stage if he doesn't care to be on the program? How long after school can she keep children in? R. K. F.

1—A teacher is not permitted to punish a child in a way that is likely to injure it. I am of the opinion that no teacher has a right to hit a child over the head with a ruler. Altho such a blow

might not injure the child at all there is a chance that it would inflict a serious injury and therefore the teacher would not be justified in using that kind of punishment. If the teacher merely rapped the child over the ear with the pencil I do not think she was exceeding her rights at all. The whole question finally resolves itself into this: Was the teacher employing unreasonable methods of punishment? If she was, she can be held liable for it. If she was not, she could not be.

2—The teacher is supposed to be in command of her school and her right to control that school is a reasonable right. I could not say in each particular case just how far the teacher should be permitted to go. If a child does not wish to perform in some play that is gotten up by the school I would say that the teacher should not attempt to force it to do so, but here again if she does not use any unreasonable method it would not be a violation of the law.

The Rights of Step Children

A man has a stepson who had inherited all his mother's land and property. In case this man marries again what right does this boy have to come in and interfere with his business affairs and what right does the second wife have to this home and to interfere in the transaction of any and all kinds of business pertaining to the home? Has this boy or anyone else any authority or right to interfere with any business the husband and wife may wish to transact? C. M. M.

Without knowing more about the facts in this case I do not feel competent to answer. I do not know of any reason why this stepson should have any right to interfere in any way with the business affairs of his stepfather and stepmother. Unless he holds some obligation against them he certainly would not have any right to interfere in any way.

Not Worth a Lawsuit

The pupils of our district raised a fund and bought a good rope for a swing, then a certain family in the district took the rope down during vacation and cut it up for halter ropes for their use. The pupils want this rope for the swing for their pleasure. This family says they do not have to replace it. What can be done about it? Could they be made to refund the pupils' money or replace the rope with a new one? J. A. S.

This rope of course belonged to those who bought it and paid for it. As these children are all minors in law the property would belong to their parents. These parents might, I suppose, unite in an action against the family that appropriated this rope and could recover the value of the rope. The trouble about the transaction is, however, that the game is not worth the powder. If this family is not honorable enough to replace this rope it is better simply to let the matter drop. It is one of those cases where on account of the cost it is not worth while to invoke the law.

Tenure of a Note

How long does a note hold good if not renewed each year? Are notes supposed to be taxed the same as cash and at what rate? A. C.

If a note is not renewed for a period of five years and no payments are made upon it either in the way of principal or interest the statute of limitations would run and if that statute was pleaded by the maker of the note it could not be collected. It would not be necessary to renew the note each year in order to keep it alive.

Notes are supposed to be taxed the same as any other property. The rate of taxation would depend upon the rate of taxation in the place where the note is taxed. That varies in different localities.

Concerning Private Roads

A has taken up a homestead in Colorado. The only outlet is a road thru fenced land. Can he force a road out if necessary? If a road is forced thru the land of a neighbor, who pays for the right of way if A is unable to do so? By whom is the right of way chosen? J. W. H.

The owner of the land for whom the private road is opened must pay the cost of opening and maintaining the same. The road is regularly laid out by order of the county commissioners. The cost of opening and maintaining this road would be charged up against his land.

Pork Barrel—Or Budget Economy?

ON THE first working day of the new Congress more than 3,000 legislative proposals were introduced. Of these, 283 were proposals for appropriations to erect new federal buildings, every one in excess of the Budget estimates for needed repairs and renewals and new construction.

In addition, a bill appropriating 100 millions, killed at the last session, is again to be introduced at this session. This hundred-million dollar bill also is for new federal buildings.

The last Congress over-rode the Budget estimates for river and harbor improvement by appropriating 27 million dollars in excess of Budget estimates for such purposes. That was "pork"—an expensive item in the national bill of fare.

Beating Back from Bankruptcy

In the background awaiting a favorable moment for approach are other projects for spending other millions of public money—reclamation projects that argue for shoveling out Government money to add productive acres to compete with the American farmer who is now all too slowly beating back from the verge of bankruptcy.

Only the budget system stands between the people and this orgy of spending. Conclusive evidence of this will be found in comparing expenditures before and after the establishment of the Budget System. Not until we acquired the Budget was there the slightest hope for the taxpayer for a reduction of tax burdens. The Budget put an end to squandering but not to the squanderlust as the "pork" proposals now pending clearly indicate.

Budget System Brought Economy

Budget System economy enabled the Harding Administration to bequeath to the country a handsome legacy—a 300 million cash surplus in the National Treasury.

Economy was the order under Harding. It is the order under Coolidge.

President Coolidge, presenting to Congress the Budget estimates necessary to run the Government during the fiscal year 1925, says \$3,298,080,444 is needed.

That sounds big. Yet big as it is, it is \$266,957,644 less than expenditures for the same purposes for the fiscal year 1924—the present year.

Supporters of the Budget System are alarmed.

The pork-barrel legion opens fire on the system early in the session. The Budget System is the only barrier that stands between the taxpayer and a saturnalia of extravagant Government spending.

If Congress is to give the taxpayer a reduction in taxes, if it is to grant the soldiers a bonus, it must cut out every extravagance.

Budget Insures Tax Reduction

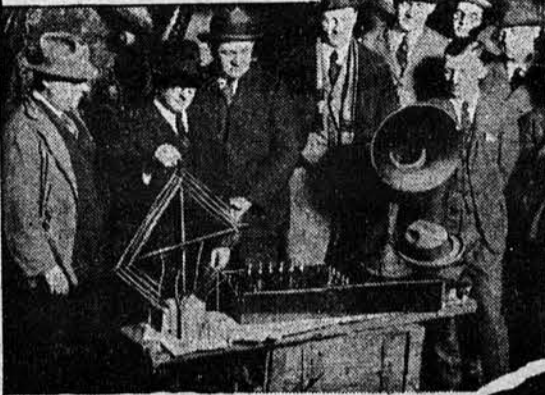
Shall it be "pork" or Budget? If "pork" is ordered the taxpayer must fry to furnish the fat and the Budget System take its "walking papers."

Before we had a Budget System 14 Congressional committees tugged at Treasury purse strings. Some still wish to return to the days of showers of federal gold. If they succeed in breaking down the Budget barrier the taxpayer may bid a long farewell to his hopes of tax reduction for the Budget is the tightest check rein ever put upon the tax-eater. Therefore it is no wonder he wants the check rein loosened so that he may get his nose and likewise his feet again into the trough.

Arthur Capper
Washington, D. C.

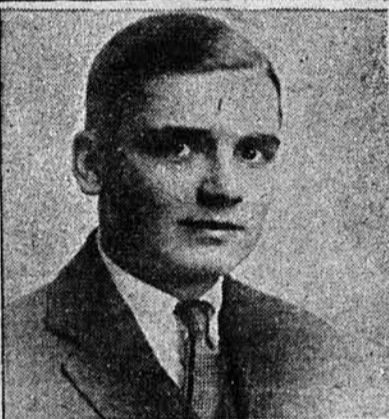
News of the World in Pictures

Radio Waves in Hudson River Tunnel Penetrate Water. Mud and Steel and Reach Listeners 80 Feet Below Surface



In This Photo is Shown a Class of Farm Students in Grain Judging From the Agronomy Department of the Kansas State Agricultural College at Manhattan; Western Farmers Have Learned That It Pays to Have Good Seed

Veneta Fellouris, 12 Years Old, Wearing a Tag to Insure Her Safe Delivery, Travels Alone From Greece to the United States



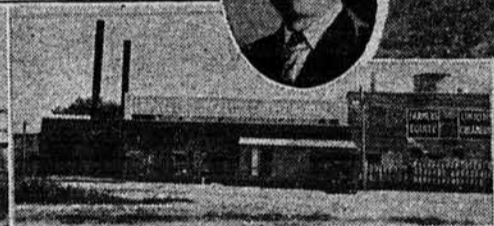
Miss Deweenta Conrad, Omaha Society Beauty, and Howard Gray, Winner of Poe Cup in Athletics and Scholastic Activity, and the "All American Football End" at Princeton, Will Be Married Soon



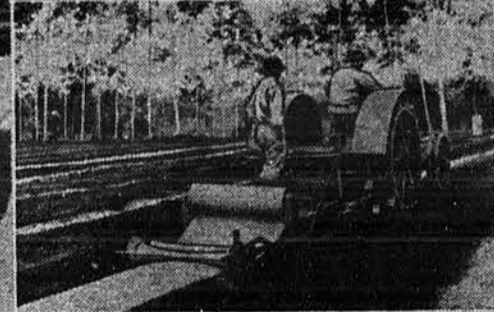
Nearly 4,000 Persons Enter the White House to Attend an Official New Year's Reception, the Second One Held in a Whole Decade



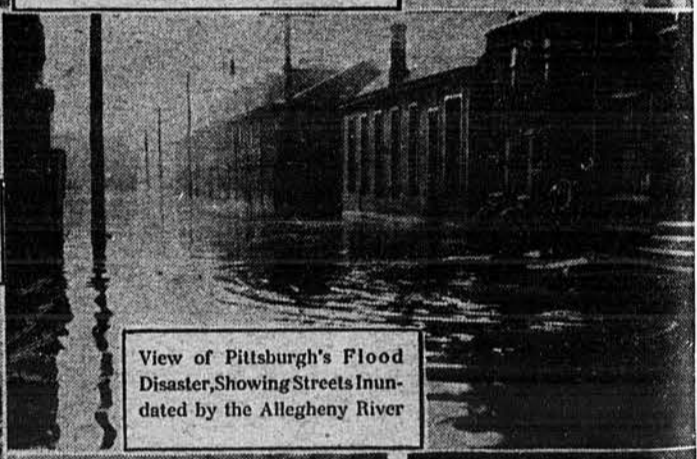
Otto Ruff of Venice, Calif., Brings Home a Truckload of Black Sea Bass Weighing 1,154 Pounds; They Represent Just Three Bites



This Co-operative Creamery at Orleans, Neb., is the Largest One in the World; Inset Shows Photo of O. Hanson, the Manager



McCormick-Deering 15-30 Gas Tractor Laying Paper on a Hawaiian Pineapple Experimental Farm to Protect Plants and Prevent Weed Growth

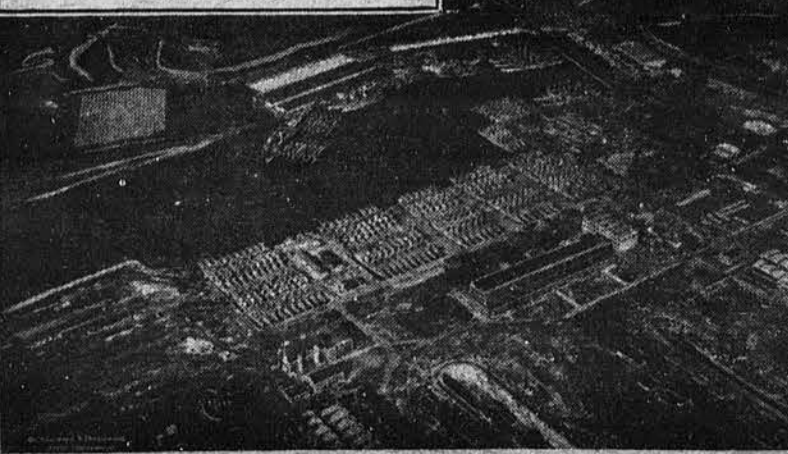


View of Pittsburgh's Flood Disaster, Showing Streets Inundated by the Allegheny River



The Two Big Winners at the Newburgh Skating Meet, Miss Elsie Muller, Middle Atlantic Speed Skating Champion, and Joe Moore, Both of New York

Below is an Aerial View of the Philadelphia Navy Yard, Showing 115 Destroyers, and Also Some Cruisers and Mother Ships, Part of Our Naval Reserves



Below Are Shown Two Administration Officials in a Milking Contest; Secretary Wallace of the U. S. Department of Agriculture, Shown on the Left, Beat Senator Magnus Johnson, on the Right, in the First Round and the Second One Was a Draw



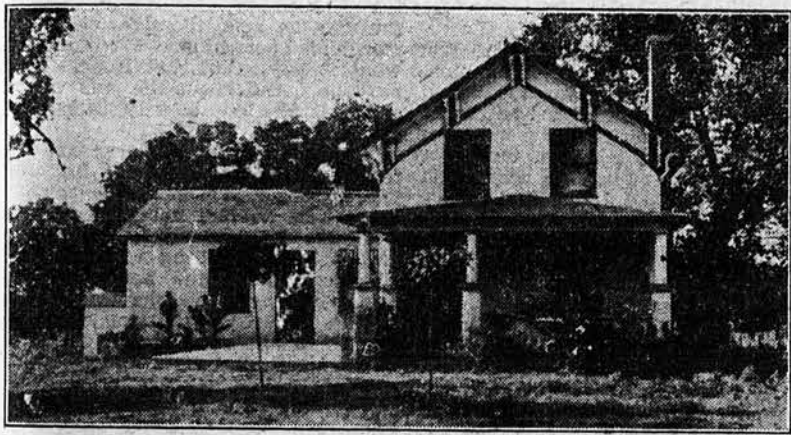
An Old House in a New Dress

BY M. N. BEELER

OLD HOUSES may be made to look like new by use of modern material and the cost is not nearly so great as building. Two years ago R. G. Hepworth bought 76 acres 1 mile east of Burlingame. The house was of native stone and had been built many, many years ago by a man to whom the land had been granted by the Government. The wood in this house had been hauled from Lawrence, the nearest sawmill point at that time.

You can imagine how the house looked. There is a large number of old stone houses in Kansas, altho not many have been exposed to the weather so long as this one had. Mr. and Mrs. Hepworth considered that the place was not habitable in that condition. Building was out of the question because materials and labor were too expensive. They decided to remodel the old house. It was fairly substantial because in the days when it was constructed, builders did their work well. The trouble was largely with the exterior appearance and the interior arrangement.

They selected for the outside covering a stucco plaster in which is imbedded small crushed rock. Porches were added in front and at the back. A concrete floor in the corner formed by the junction of the kitchen ell and the main part of the house will be enclosed some day to form a sun room. They changed the stairway and added a sleeping porch to the second story. New floors were laid where necessary. The basement was concreted and a pressure tank water system installed. Electric lights were obtained from a transmission line that runs between Burlingame and Scranton. Electricity is Mrs. Hepworth's hired girl.



Despite Its Age, Remodeling Made This House One of the Most Attractive Homes in Osage County, and Furthermore It is Thoroughly Modern

\$4,250 Cash From This Stand

BY J. H. FRANSEN

MY PROBLEM is not to sell at a profit all I can raise, but to raise all I can sell," said S. B. Trammell, who conducts a road-side market a few miles east of Chanute Kan., on one of the main highways. Two years ago he spent about \$50 in erecting the stand and thru it he has sold, during one year's growing season, \$4,250 in produce. Daily sales vary from \$50 to \$142.50.

In addition to the stream of tourists constantly passing over the highway by the farm, hundreds of Chanute folks with motor cars and an appreciation for good, fresh vegetables and fruits are among the best patrons of the stand. Many make it a practice, while out for a spin in the fresh air, to drive by the Trammell farm and get their daily supply of produce, fresh and at farm prices.

Mr. Trammell and his son own and operate 200 acres, 75 acres of which are rich bottom land on which crops are practically sure. Twenty acres of this land are in fruit—apples, cherries and peaches—and in vegetables. Virtually any kind of produce the housewife desires may be found on the market-stand. When the writer visited the place last August, he found watermelons, cantaloupes, peaches, green corn, cabbage, onions, beets, green peppers, tomatoes, and other vegetables in season. Any surplus is put on the truck at night and sold to the stores of Chanute. Thus the less discriminating housewife buying from the store gets the same product 24 hours older than does she who drives out to the farm to purchase.

In addition to the fruit and truck farming, the Trammells are milking eight purebred Jerseys, and are planning this year to add milk, cream and cottage cheese to the list of things sold at the road-side market. The elder Trammell is so enthusiastic about this marketing plan that next spring and summer he intends to enlarge the market and to devote practically all his time to selling the produce, letting his son look after the production end—a plan perfectly agreeable to the younger man.

This family firm has been in the truck-farming business for some 14 years, and the business is constantly growing. Young Mr. Trammell, who during the War served in France, feels

now as never before that America, and Kansas in particular, afford opportunities for young men found nowhere else in the world.

Pruning, and More Fruit

BY S. W. DECKER

GOOD spraying, careful soil management, and skillful pruning constitute the only sound foundation for successful fruit production. It may be taken as a general rule that lack of care regarding any of these operations will greatly reduce the value of the orchard and the crop. The operations go hand in hand and need the grower's constant attention, each

always in its proper season and time.

Pruning may be defined as the removal of a part of a plant for the purpose of increasing the economic value of the remainder. The increase in value may be: Greater probability of the plant's living; tree building; or an aid to other orchard operations. Without exception, however, the grower does better pruning when he understands the particular purpose toward which his efforts are directed and the physiological effects which are likely to follow whatever cutting he does.

A clear understanding of the fact that both varieties and trees within the variety have individuality and each requires special treatment is of great use to the pruner. The worker must constantly keep in mind the necessity of adapting his system to the peculiarities of varieties and even of individual trees.

There are three principal operations connected with pruning: Heading back, thinning out, and the removal of large branches. Heading back consists of cutting off a portion of a twig or branch. Thinning out refers to the removal of twigs or small branches which are growing too close together. Branches are removed when they become broken, diseased, or are crowding, and in rejuvenation pruning.

Fruit growers have suffered heavy losses due to improper pruning. Heavy pruning upsets the balance between top and root and results in various ill effects such as delaying establishment of fruit production, dwarfing the tree, and early decline and death. Neglect of pruning and too light pruning are no less injurious.

A supply of pruning tools for each workman should include one swivel-back saw and a number of spare blades, one pair of hand pruning shears, one pruning knife, a ladder, and a disinfecting kit.

Apple trees are vigorous-growing plants, under proper environments, and require moderate annual pruning. This work is usually done between the time the leaves fall and the spring flow of sap.

In order to prune a tree properly the worker should know its method of bearing fruit. The apple tree bears its fruit upon spurs. The spurs are produced laterally on branches 2 years old or older, bear the fruit from terminal buds, and, if not starved or over-shaded, will continue to bear for 10 to 12 years. The individual spurs are biennial in fruit bearing and if all of them bloom the same season the tree is likely to assume the alternate habit. Pruning should aim to prolong the productive life of the fruit spurs which never should be pruned off so long as they remain fruitful.

In tree building the trunk should be about 24 inches long and the framework branches should be distributed over a distance of about 12 inches

above the trunk and should consist of from three to five branches. If possible, branches should be chosen which form a wide angle with the trunk and that are properly distributed around the trunk.

In tree maintenance moderate annual pruning is required, such as will admit sunlight to the center of the tree, prevent the tree's growing to great height, sustain vigor of tree, and tend to promote abundant fruit production.

How to Get the Fish

THE home of the Kansas Fish and Game department is 2½ miles east and 1 mile south of Pratt, on a farm of 187 acres. It placed ½ million fish in the waters of the state last year, and distributed 664 bobwhite quail, 72 blue quail and 300 pheasants, also 2,000 pheasant and 180 mallard duck eggs. It issues publications on fish and fur farming, and has printed instructions on rearing pheasants and the conservation of wild life. If you wish to know about fish culture or how to build a fish pond ask for Bulletin No. 1. Address State Fish and Game Department, Pratt, Kan.

The Only Way Out

WITH the coming of large corporations, American business is making great strides in efficiency. The larger units are able to use the services of experts which the smaller companies were unable to take advantage of. The increased volume of business has made standardization possible and advertising profitable. New and greater markets are found for the products to be merchandised. All these are factors in modern business successes.

In farming, they are also essentials of success, but the corporation idea probably never will be successful in farm activities. At least we hope that corporation farm successes will not prevail, as the individual farm home is the place where is preserved and kept alive the spirit which made possible the American Republic. We feel sure that the greater the number of prosperous farm homes we have, the more certain can we be that our Government will continue to progress.

Thus, with the necessity of smaller units in farming, co-operation must do for farming what corporation does for industry. Only in this way can each individual farmer become part of a larger unit so necessary to produce volume and make possible the efficient use of standardization, advertising and expert knowledge.

So it seems that without regard to the successes or failures of agricultural co-operation in the past, co-operation will be the big thing which will put farming where it will hold its ground with any other line of endeavor.

So, then, from an altruistic motive as well as a selfish one, should not all agriculturally-minded men foster the spirit of co-operation and seek the knowledge of what constitutes successful agricultural co-operation, so that each may help to make such co-operation a success? The co-operative spirit should grow stronger, for apparently co-operation is the only way out for agriculture.

A Cheese Factory at Neodesha

A CHEESE factory has been started at Neodesha. About 4,000 pounds of milk a day are being purchased; this amount will be increased greatly by spring. The product is finding a ready sale, mostly locally.

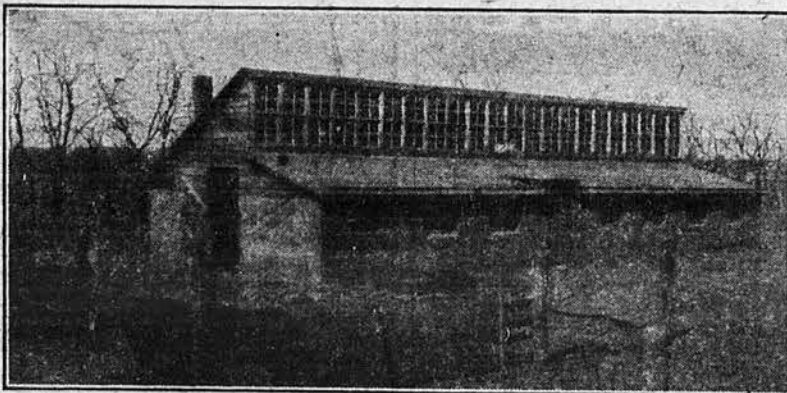
Medal for Electrical Development

UNDER the terms of the Charles A. Coffin Foundation, as established by the General Electric Company, a medal will be awarded to the electric light and power company within the United States which, during the year makes a distinguished contribution to the development of electric light and power for the convenience of the public and the benefit of the industry. The company awarded the Coffin medal will also receive \$1,000 for its Employees' Benefit or some other similar fund.

Send us kodak views of your poultry houses, of your favorite chickens, or of your prize-winning fowls, and we may be able to make good use of them in our poultry department.

Concrete Hog House for \$450

BY FRANK A. MECKEL



WHEN Ross Coffman, an Osage County farmer built a new hog house last year, he chose concrete because he could do all of the work himself. As a result, he built his hog house for a little less than \$450, while it would have cost him about \$900 had he built of any other material.

The structure is 48 feet long and 24 feet wide with a concrete floor laid on coarse crushed rock which provides air space beneath the floor, insuring more warmth and ventilation. The farrowing pens are 6 feet by 8 feet four inches and there are 16 of them. The partitions are hinged so that two pens can be thrown together to make one large pen. The building is heated with a stove in very cold weather, which makes it a comfortable farrowing place for the sows and small pigs.

The roof is of the half monitor type with 22 windows on the south side. The walls contain seven windows on this side and three large windows on the north side.

Coffman is a breeder of registered Poland China hogs, and he is also quite a feeder. He did all the work on the hog house himself which accounts for the small cost of so excellent a structure.

OREGON ON THE CROSS-CUT

By COURTNEY RILEY COOPER

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THE news already had spread by the time he reached there; news travels fast in a small mining camp. Fairchild went to the hospital, and to the side of the cot where Harry had been taken, to find the doctor there before him, already bandaging the wound on Harry's head and looking with concern now and then at the pupils of the unconscious man's eyes.

"Are you going to stay here with him?" the physician asked, after he had finished the dressing of the laceration.

"Yes," Fairchild said, despite aching fatigue and heavy eyes. The doctor nodded.

"Good. I don't know whether he's going to pull thru or not. Of course, I can't say—but it looks to me from his breathing and his heart action that he's not suffering as much from this wound as he is from some sort of poisoning.

"We've given him apomorphine and it should begin to take effect soon. We're using the batteries too. You say that you're going to be here? That's a help. They're shy a nurse on this floor tonight, and I'm having a pretty busy time of it. I'm very much afraid that poor old Judge Richmond's going to lay down his cross before morning."

"He's dying?" Fairchild said it with a clutching sensation at his throat. The physician nodded.

"There's hardly a chance for him."

"You're going there?"

"Yes."

"Will you please give—?"

The physician waited. Finally Fairchild shook his head.

At the Bedside

"Never mind, he finished. 'I thought I would ask you something—but it would be too much of a favor. Thank you just the same. Is there anything I can do here?'"

"Nothing except to keep watch on his general condition. If he seems to be getting worse, call the interne. I've left instructions with him."

"Very good."

The physician went on, and Fairchild took his place beside the bed of the unconscious Harry, his mind divided between concern for his faithful partner and the girl who, some time in the night, must say good-bye forever to the father she loved. It had been on Fairchild's tongue to send

her some sort of message by the physician, some word that would show her he was thinking of her and hoping for her. But he had reconsidered. Among those in the house of death might be Maurice Rodaine, and Fairchild did not care again to be the cause of such a scene as had happened on the night of the Old Times dance.

Judge Richmond was dying. What would that mean? What effect would it have upon the engagement of Anita and the man Fairchild hoped that she detested? What—then he turned at the entrance of the interne with the batteries.

"If you're going to be here all night," said the white-coated individual, "it'll help me out a lot if you'll use these batteries for me. Put them on at their full force and apply them to his cheeks, his hands, his wrists and the soles of his feet alternately. From the way he acts, there's some sort of morphinic poisoning. We can't tell what it is—except that it acts like a narcotic. And about the only way we can pull him out is with these applications."

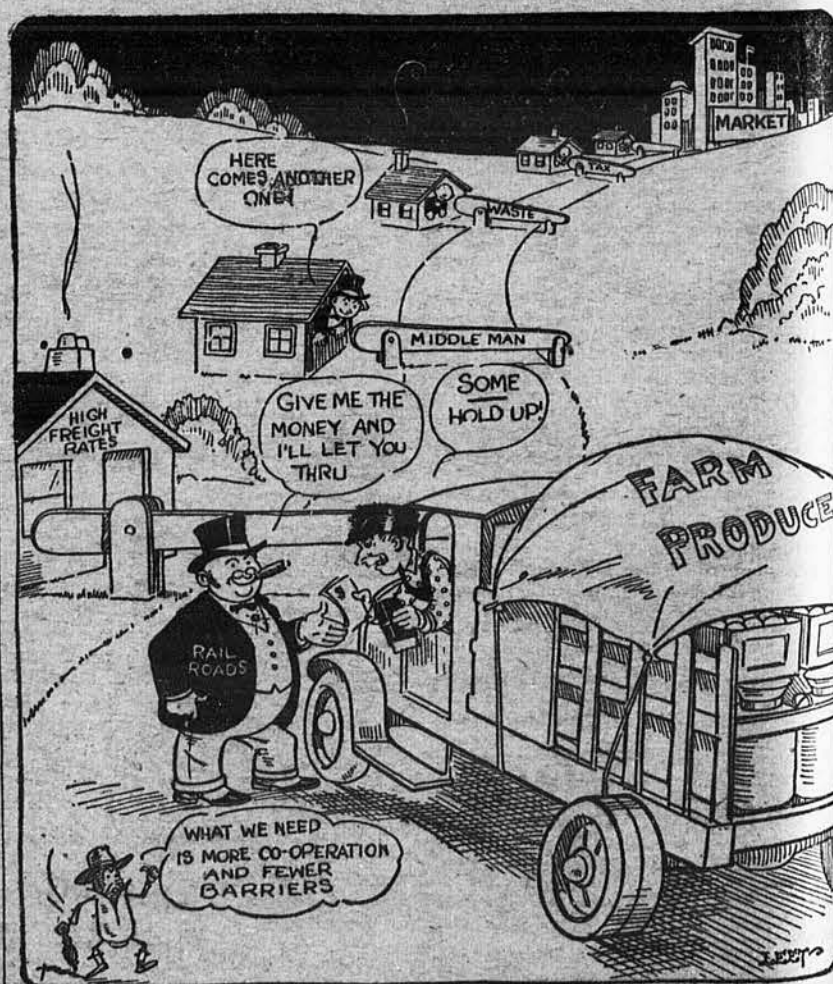
The interne turned over the batteries and went on about his work, while Fairchild, hoping within his heart that he had not placed an impediment in the way of Harry's recovery by not telling what he knew of Crazy Laura and her concoctions, began his task. Yet he was relieved by the knowledge that such information could aid but little. Nothing but a chemical analysis could show the contents of the strange brews which the insane woman made from her graveyard herbage, and long before that could come, Harry might be dead. And so he pressed the batteries against the unconscious man's cheeks, holding them there tightly, that the full shock of the electricity might permeate the skin and arouse the sluggish blood once more to action. Then to the hands, the wrists, the feet and back again; it was the beginning of a routine that was to last for hours.

Midnight came and early morning. With dawn, the figure on the bed stirred slightly and groaned. Fairchild looked up, to see the doctor just entering.

"I think he's regaining consciousness."

"Good." The physician brought forth his hypodermic. "That means a bit

(Continued on Page 11)

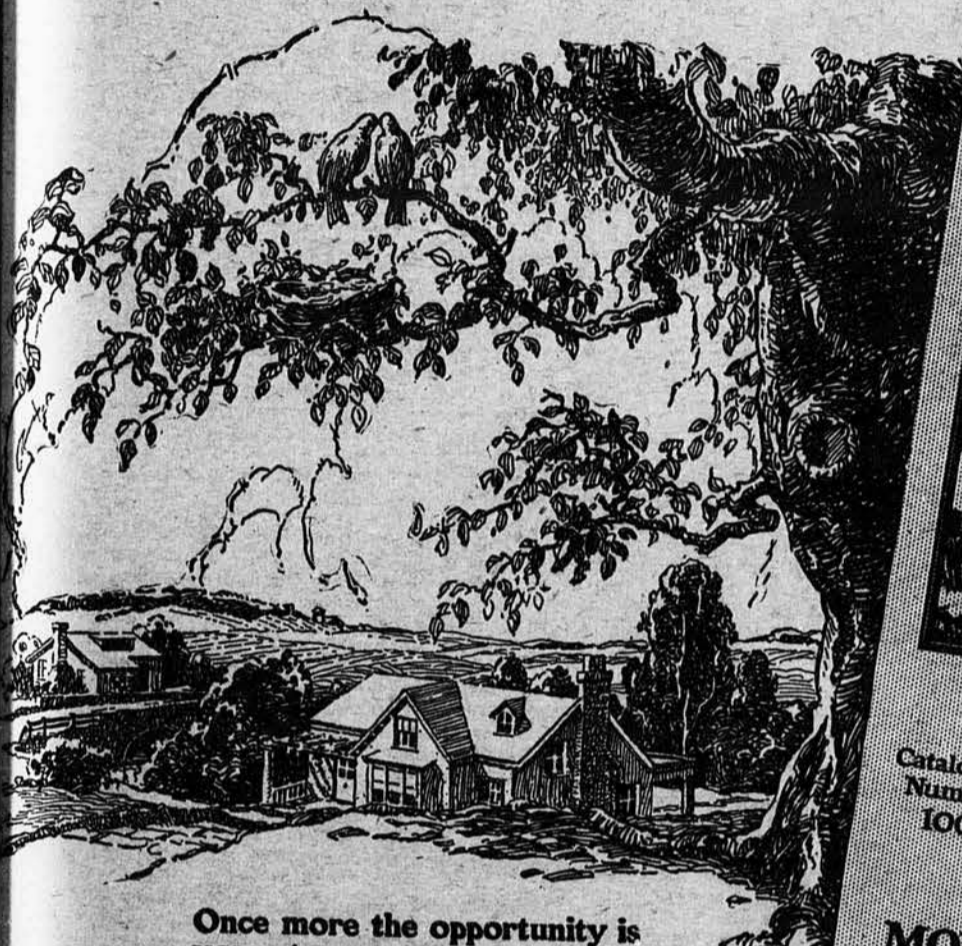


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Jayhawker's Farm Notes

Cold Weather Stopped All Outdoor Work But Farmers Are Busy Making Crop Plans

BY HAREY HATCH

LITTLE or no farm work was done here during the first week of the new year. Another wolf hunt was pulled off on New Year's Day and many attended but no wolf was seen. Any animal as intelligent as a coyote is reputed to be, would be found in his hole instead of roaming over the prairie in the cold wind. Weather like that provides the farmer with time to sit by the fire and wonder what he is going to plant next spring and how and where he is going to plant it.

Our experience this year has taught us that the second brood of chinch bugs is the one that does the real damage to the corn and that this second brood usually arrives about the first week in August. So, in order to avoid them as much as possible, this year we are going to plant an earlier variety of corn and we are going to try to get it in the ground sometime in April.

The poorer, thinner soil should be planted to an extra early corn for it is here the bugs do the worst damage.

seem to have raised too much of most crops, especially hogs and wheat. This condition is easily explained by taking a section of land lying 1 mile east of this farm as an example. About 25 years ago this section contained nine farms with a family on each. Today there are but five farms on this section and the people living on them are not more than 40 per cent of the number living in this section 25 years ago.

Yet there is no question but that this section is producing more than it did 25 years ago; the land has fallen into the hands of neighboring farmers who have removed the buildings and who are farming all the land with plenty of horse or tractor power. In place of a field being worked by one team of two horses, most teams comprise four horses and the man working them accomplishes twice as much as did the farmer of 25 years ago. We believe the same condition holds good over most of the West where the population is less than it was in 1900.

More Motor Vehicles Now

Figures provided by our secretary of state show that Kansas now has 48,000 more motor vehicles than at this time one year ago. The total number of motor cars and trucks in the state is 375,000. Let us take the cost of the 48,000 new cars and add it to the cost of operating 375,000 motor vehicles for one year; do you think the sum would be less than the total value of all the grain crops produced in Kansas in 1923? When we stop to figure up what we have bought in the last year, there is no difficulty in finding where our money goes.

A Nebraska man, well posted on the statistics of his state, says that the new cars bought there in the last year cost more than the combined value of the corn and wheat crops of 1923. If we must economize during the next few years, let's economize on motor cars and not on manure spreaders, as we have been doing for the last five years. I know the average Kansas farmer is entitled to a motor car if anyone is, but the figures which show their cost are startling. If we can't do without motor cars, why not try cutting down the cost of operating them?

Wood for Fuel

Very little coal has been burned so far this winter, by the farm folks of this vicinity. Wood is the principal fuel of many and most of this is procured along the creeks. The big hedges of a few years ago have been cut down and made into posts; hedgewood is now too valuable to burn if it has size enough to make a post. The usual price charged here for standing wood is \$1 a load but a certain kind of elm which grows close to the water sells for much less; in fact, I know of one lot of such wood being given away.

Southern Kansas coal of good quality costs \$8 a ton off the car; McAlester coal is \$11.50 and there are always persons who debate the question as to which is cheapest, McAlester at \$11.50 or Southern Kansas at \$8. West of this farm some persons are digging coal; they find a vein about 10 inches thick of a quality which seems much like Osage City coal. For this coal they are asking \$6 a ton and seem to be selling it about as fast as they can get it out. There are many known coal banks in Coffey county which could be made to provide good fuel but there do not seem to be so many in operation as in the days when coal sold for \$3 a ton.

Population and Production

Beyond all doubt most of the farming counties of the West have been losing in population for the last decade. But this loss of people does not mean a loss in production; the condition is so much the reverse that we

What practical suggestions can you offer for improving farm conditions and present methods of marketing farm products?

A Machine that Picks and Husks

BY FRANK A. MECKEL

THIS labor saving farm implement is the latest in improved machinery from the factory of one of the country's largest implement manufacturers. It is designed to pick and husk one row of corn at a time and deliver the husked corn into a wagon pulled by means of an offset hitch. One man with this machine and a tractor can pick and husk from 5 to 7 acres in a 10-hour day, and the husking is done as clean as it could be done by hand. Some extra teams and wagons are necessary for hauling the husked corn to the crib, but there is no extra labor in the field. In fact, this machine absolutely eliminates the husking crew, which is quite a problem in many parts of the West this year.



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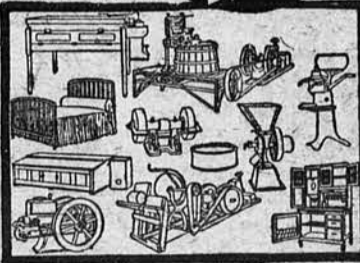
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The Cross-Cut

(Continued from Page 8)

of rest for me. A little shot in the arm, and he ought to be out of danger in a few hours."

Fairchild watched him as he boiled the needle over the little gas jet at the head of the cot, then dissolved a white pellet preparatory to sending a resuscitatory fluid into Harry's arm.

"You've been to Judge Richmond's?" he asked at last.

"Yes." Then the doctor stepped close to the bed. "I've just closed his eyes—forever."

Ten minutes later, after another examination of Harry's pupils, he was gone, a weary, tired figure, stumbling home to his rest—rest that might be disturbed at any moment—the reward of the physician. As for Fairchild, he sat a long time in thought, striving to find some way to send consolation to the girl who was grieving now, struggling to figure a means of telling her that he cared, that he was sorry, and that his heart hurt too. But there was none.

Again a moan from the man on the bed, and at last a slight resistance to the sting of the batteries. An hour passed, two; gradually Harry came to himself, to stare about him in a wondering, vacant manner, and then to fasten his eyes upon Fairchild. He seemed to be struggling for speech, for co-ordination of ideas. Finally, after many minutes—

"That's you, Boy?"

"Yes, Harry."

"But where are we?"

Fairchild laughed softly.

"We're in a hospital, and you're knocked out. Don't you know where you've been?"

"I don't know anything, since I slid down the wall."

"Since you what?"

But Harry had lapsed back into semi-consciousness again, to lie for hours a mumbling, dazed thing, incapable of thought or action. And it was not until late in the night after the rescue, following a few hours of rest forced upon him by the interne, that Fairchild once more could converse with his stricken partner.

Harry Tells His Story

"It's something I'll have to show you to explain," said Harry. "I can't tell you about it. You know where that little fissure is in the 'anging wall, away back in the stope?"

"Yes."

"Well, that's it. That's where I got out."

"But what happened before that?"

"What didn't 'appen?" asked Harry, with a painful grin. "Everything in the world 'appened. I—but what did the assay show?"

Fairchild reached forth and laid a hand on the brawny one of his partner. "We're rich, Harry," he said, "richer than I ever dreamed we could be. The ore's as good as that of the Silver Queen!"

"The bloody 'ell it is!" Then Harry dropped back on his pillow for a long time and simply grinned at the ceiling. Somewhat anxious, Fairchild leaned forward, but his partner's eyes were open and smiling. "I'm just letting it sink in!" he announced, and Fairchild was silent, saving his questions until "it" had sunk. Then:

"You were saying something about that fissure?"

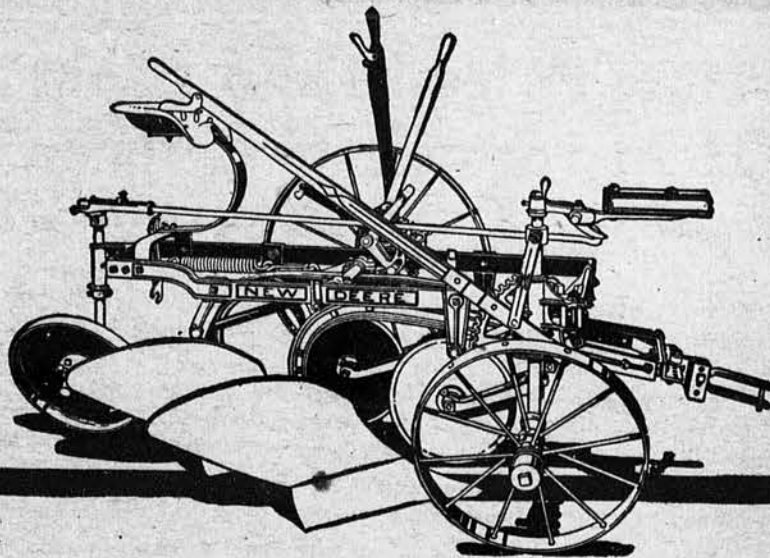
"But there is other things first. After you went to the assayers, I fooled around there in the chamber, and I thought I'd just take a flyer and blow up them 'oles that I'd drilled in the 'anging wall at the same time that I shot the other. So I put in the powder and fuses, tamped 'em down and then I thinks thinks I, that there's somebody moving around in the drift. But I didn't pay any attention to it—you know. I was busy and all that, and you often 'ear noises that sound funny. So I set 'em off—that is, I lit the fuses and I started to run. Well, I hadn't any more'n started when bloeyy-y-y, right in front of me, the whole world turned upside down, and I felt myself knocked back into the chamber. And there was them fuses. All of 'em burning. Well, I managed to pull out the one from the foot wall and stamp it out, but I didn't 'ave time to get at the others. And the only place where there was a chance for me was clear at the end of the chamber. Already I was bleeding like a stuck hog where a whole 'arf the mountain 'ad 'it me on the 'ead, and I didn't know much what I was doing. I just wanted to get be'ind something—that's all I could think of. So I shied for that fissure in the rocks and crawled back in there, trying to squeeze as far along as I could. And 'ere's the funny part of it—I kept on going!"

"You what?"

"Kept on going. I'd always thought it was just a place where the 'anging wall 'ad slipped, and that it stopped a few feet back. But it don't—it goes on. I crawled along it as fast as I could—I was about woozy, anyway—and by and by I 'eard the shots go off be'ind me. But there wasn't any use in going back—the tunnel was caved in. So I kept on.

"I don't know 'ow long I went or where I went at. It was all dark—and I was about knocked out. After while, I ran into a stream of water

(Continued on Page 12)



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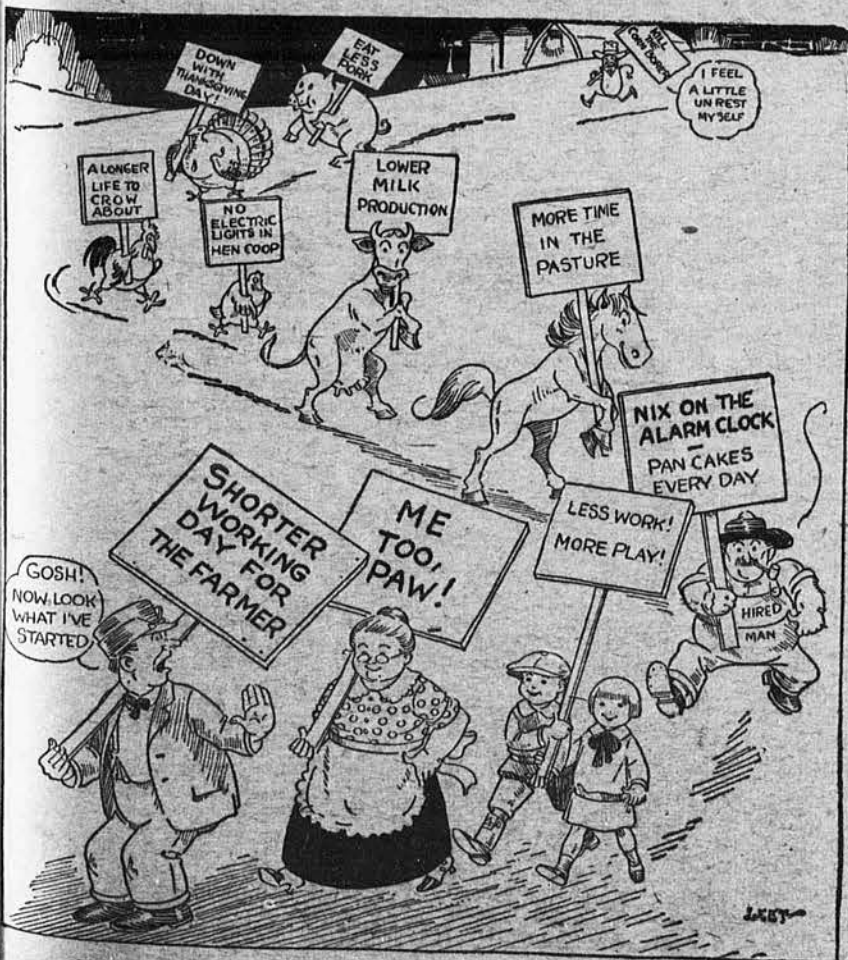
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In Farm Problem Wrangle

Authorities at State Board Meet Disagree on Solution to Agricultural Difficulties

BY M. N. BEELER

TWO widely divergent suggestions were offered by authorities who attended the Kansas State Board of Agriculture meeting in Topeka, January 9 to 11, as aids in solving present farm problems. Dr. Alonzo E. Taylor, of Leland Stanford University, Palo Alto, Calif., in discussing "The Wheat Situation" said that the wheat marketing problem was in the hands of farmers of the state and he suggested that the simplest method of creating a better market or a better price was to reduce the seeding to 6 or 7 million acres with special effort given to a high quality hard winter wheat, keep more dairy cows and better cows, develop forage crops to support a more balanced animal husbandry, make farms support their families as fully as possible, diversify in accordance with the locality and summer fallow where diversification is not practicable.

Recommends Reduced Wheat Acreage

Doctor Taylor suggested that organizations of wheat growers could help the condition of farmers materially by effecting improved production methods but he doubted the possibility of remedying their condition by efforts directed toward selling surplus wheat abroad. Furthermore he questioned the possibility of relief from any methods of proposed Government agencies in disposing of surplus wheat. He marshaled an imposing array of statistics to support his contentions that any surplus wheat produced in this country would meet stronger and stronger competition in world markets from the other wheat producing regions.

Lowden Urges Co-operative Marketing

Frank O. Lowden, former governor of Illinois, and head of the committee which is attempting to co-ordinate the efforts of wheat marketing organizations, in his address on "Organized Agriculture," said that co-operation would aid materially in adjusting the wide differences in the relative prices of farm products and other commodities. The organizations now being formed, he contended, are based on sound economic principles. He urged farmers to support these marketing organizations, which for the first time in history are gaining the recognition of the business world. The time is ripe for great and permanent progress in the development of the co-operative idea.

In support of his contention that co-operative marketing will furnish material aid in remedying farm conditions, Lowden called attention to the great co-operatives that have been formed in the last few years—the California fruit marketing organizations, the egg producers, tobacco growers, cotton growers and the livestock producers. These associations have effected material changes in the condition of producers of the different commodities.

Urges Legumes for Kansas

Prof. L. E. Call, Kansas State Agricultural College, discussed the production of soybeans and the importance of legumes in crop rotations. He suggested at least 5 million acres of legumes for Kansas of which at least half could be alfalfa. W. L. Harding, former governor of Iowa, discussed the effect of county fairs in community building. Emerson Carey, Hutchinson, told of the calf club organization in Reno county that had resulted in a membership of 265 boys and girls. C. W. Warburton, director of agricultural extension activities for the United States Department of Agriculture, explained the work of the department in Kansas.

Among the other speakers were Governor Jonathan M. Davis; W. C. Lansdon, Salina; E. I. Burton, resident of the board; Earl Akers, mayor of Topeka; Mrs. Albert Brickell, Florence, Kan.; C. A. Babbitt, Willis, Kan.; E. A. Frost, Chicago; Prof. N. E. Olson, Kansas State Agricultural College dairy department; O. Hanson, manager Orleans Equity Union Creamery, of Orleans, Neb.; and J. H.

Frandsen, dairy editor, Capper Farm Press.

About 150 official delegates attended the meeting. The sessions were well attended by visiting farmers and the night meetings attracted several hundred persons. More than 800 attended the session Wednesday night when Lowden spoke. A dinner was held Friday night for visitors and delegates.

Resolutions adopted by delegates to the fifty-third annual meeting indorsed the present form of the Kansas State Highway Commission, a system of highways built from automobile licenses used in the counties where they are collected, a motor fuel tax for building and maintaining state highways, and legislation regulating motor vehicles used for hire. They also indorsed co-operative commodity marketing, recommended that milk be designated as the national drink, approved the proposed constitutional amendment for classification of intangible property, the improvement of inland waterways, recommended diversified farming, and indorsed the work of the Agricultural Bloc in Congress.

New Officials Chosen

New officials elected by the board are: President, Paul Klein, Iola; vice-president, W. J. Tod, Maple Hill; treasurer, W. J. Young, McPherson, re-elected; secretary, J. C. Mohler, Topeka, re-elected for two years. The only change in board members was in the Sixth district. J. R. Albert, Glen Elder, was elected to succeed H. M. Laing, Russell, who resigned. The representatives by districts are: First, P. H. Lambert, Hiawatha, and F. W. Dixon, Holton; Second, O. O. Wolf, Ottawa, and Paul Klein, Iola; Third, E. I. Burton, Coffeyville, and E. A. Millard, Burden; Fourth, W. J. Tod, Maple Hill, and F. H. Manning, Parkerville; Fifth, H. W. Avery, Wakefield, and H. G. Kyle, Abilene; Sixth, J. R. Albert, Glen Elder, and O. A. Edwards, Goodland; Seventh, H. S. Thompson, Sylvia, and E. E. Frizell, Larned; Eighth, W. D. McComas, Wichita, and W. J. Young, McPherson. Avery and Thompson were re-elected to the state fair board. They are treasurer and president, respectively. Other members of the board are Frizell, Wolf and O. F. Whitney, Topeka, secretary of the state horticultural society.

The Cross-Cut

(Continued from Page 11)

that came out of the inside of the "ill somewhere, and I took a drink. It gave me a bit of strength. And then I kept on some more—until all of a sudden, I slipped and fell, just when I was beginning to see daylight. And that's all I know. 'Ow long 'ave I been gone?"

"Long enough to make me gray-headed," Fairchild answered with a little laugh. Then his brow furrowed. "You say you slipped and fell just as you were beginning to see daylight?"

"Yes. It looked like it was reflected from below, someway."

Fairchild nodded. "Isn't there quite a spring right by Crazy Laura's house?"

"Yes; it keeps going all year; there's a current and it don't freeze up. It comes out like it was a waterfall—and there's a roaring noise be'ind it."

"Then that's the explanation. You followed the fissure until it joined the natural tunnel that the spring has made thru the hills. And when you reached the waterfall—well, you fell with it."

"But 'ow did I get 'ere?" Briefly Fairchild told him, while Harry pawed at his still magnificent mustache. Robert continued:

(TO BE CONTINUED)

Write us letters about your rural schools and give us your ideas about how they can be improved.

Economy makes happy homes and sound nations. Instill it deep.—George Washington.

Farm Organization Notes

Kansas Livestock Association to Meet in Wichita, January 30 to February 1, Inclusive

BY JOHN W. WILKINSON

THE annual convention of the Kansas Livestock Association will be held in Wichita, Kan., from January 30 to February 1 in connection with the Kansas National Livestock Exposition. The sessions of the Kansas Livestock Association will be held in the new auditorium of the Lassen Hotel which is admirably adapted for this purpose. The headquarters of the secretary will be in the lobby of the same hotel.

The convention will be called to order by President C. W. Floyd at 1:30 p. m., Wednesday, January 30 and the address of welcome will be given by the mayor of Wichita. Additional addresses on Wednesday will be given by Secretary J. H. Mercer; Dr. W. M. Jardine, president of the Kansas State Agricultural College; and Marco Morrow, assistant publisher of the Capper Farm Publications.

On Thursday addresses will be given by John Fields, editor of the Oklahoma Farmer of Oklahoma City; Noah L. Bowman, member of the Kansas State Tax Commission; Dr. E. H. Lindley, president of the University of Kansas; Arnold Berns of Penbody, Kan.; T. C. Carver of Pratt, Kan.; John P. Swift, president of the Kansas City Livestock Exchange. The annual banquet will be held Thursday night at the Lassen Hotel.

Friday's program will include addresses by Miss Amy Kelly, home demonstration leader of the Kansas State Agricultural College and some of the leaders in county home demonstration work.

J. H. Mercer, secretary of the association, has worked hard to make the convention a success and a large attendance of farmers and stockmen will be in attendance.

Orleans Creamery

The annual meeting of the Orleans Co-operative Creamery Association will be held in Orleans, Neb., Tuesday, January 22. The forenoon session will be devoted to the hearing of reports, the president's address, the election of officers and other business coming before the organization. The afternoon session will be devoted to the convention proper and a number of short rousing addresses have been arranged for.

The plant operated by the Orleans Co-operative Creamery Association is said to be the largest in the world, and it is a fine example of what can be accomplished by proper co-operation among farmers.

Tractor Show at Wichita

The 23rd annual Tractor Show and Threshermen's Convention will be held at Wichita, Kan., February 27 to February 29 and a large number of delegates, farmers and tractor owners from Kansas, Missouri, Oklahoma

and Texas will be in attendance. In connection with the convention there will be a power farm machinery show. Fully 50 machinery houses have indicated their intention of making exhibits.

On Wednesday, February 27, there will be staged the seventh annual Modern Farm Power Equipment and Machinery parade which promises to eclipse in every way all past events of that kind. Ample accommodations at reasonable rates are assured at all hotels and visitors will receive every courtesy possible. All meetings will be open to the public.

State Poultry Breeders Elect Officers

The members of the Kansas State Poultry Breeders' Association at its annual meeting in Topeka last week set the date for the next poultry show for January 12, 1925, and the place will be selected later, but the point chosen will be in Western Kansas. At present the race seems to be narrowed down to Salina and Hutchinson with the odds in favor of Hutchinson.

The following officers were chosen for the present year: President, J. R. Cowdrey of Topeka; vice-president, F. W. Ford of Caldwell; secretary-treasurer, Thomas Owen of Topeka. For the board of managers, the following members were selected for a term of three years: F. W. Ford of Caldwell, J. C. Baughman of Topeka, and D. D. Colglazier of Hutchinson.

500 Join Wheat Growers

Five hundred Oklahoma farmers signed contracts and became members of the Oklahoma Wheat Growers' Association during the month of December, according to John Manley, secretary of the association. Records show that approximately 4,000 farmers became members of the marketing association during the year 1923. Members of the association now control 1,050,000 acres of Oklahoma's wheat crop.

Co-operatives Distribute \$250,000

Directors of the Farmers' Livestock Commission which operates jointly three livestock commission companies, at St. Joseph Mo., Omaha, Neb., and Sioux City, Ia., met at Omaha, January 9, and distributed 1923 profits of the three companies in the form of dividends totaling nearly a quarter of a million of dollars.

More Farmers Keep Books

Washington county, Kansas, leads the United States in the number of farmers who keep books on their farming operations, according to a Government report in the office of J. V. Hepler, farm agent for Washington county. One hundred and twenty-five farmers added bookkeeping systems to their farming enterprises in 1923.

New State Butter Champion

THE new senior 4-year-old champion Holstein cow for 10 months' production is Mercedes Julip Walker 2d, owned by Ira Romig & Sons at Topeka.

Her record, as announced by the advanced registry department of the Holstein-Friesian Association of America, is 16,364.9 pounds milk and 551.96 pounds butterfat—equal to 814.9 pounds butter.

This cow displaces the former state leader in this class, Walpurga Fairview Girl Caseholm, of the herd of J. C. Dulaney of Winfield, whose record is 805.5 pounds butter.



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WHAT COSTUME? How to decorate the house or hall? How to fix the table? Answers to these problems and many more you will find in the popular Dennison Gala Book.

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FREE BOOK

Why Doctors Warn Against Coffee or Tea for Children

THE reason is simple. Coffee and tea contain drugs which tend to irritate the delicate nervous system of children, and so upset health.

The Federal Bureau of Education includes in its rules to promote health among growing school children, the warning that "children should not drink tea or coffee at all."

Why confine the warning to children?

You are careful to protect the health of your children; why, then, take chances with your own health, when a change from coffee or tea is made so easy by Postum.

Postum is a delicious, pure cereal beverage—ideal for children and satisfying to adults.

Postum for Health

"There's a Reason"

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

Sold by grocers everywhere!



Among the Little Folks in Puzzletown

MOTHER GOOSE and Mistress Mary were sitting on the stoop talking when Mistress Mary exclaimed, "Oh Kitty is sharpening her claws!"

Mother Goose looked over and saw Kitty reaching almost as far up the tree as she could and sticking her claws into the bark and giving a down-



ward scratch. "I don't know whether she is sharpening her claws, or exercising the muscles which control them," she replied.

"Maybe both," suggested Mistress Mary.

"Maybe so," answered Mother Goose. "A cat has to have good control of its claws and they must be sharp in order to seize and hold its prey. To keep them sharp they are drawn back and safely sheathed when not in use because if a cat's claws struck the earth when walking, as do a dog's, they would soon become dull and then poor Kitty would not be able to catch and hold a mouse."

Puzzle Winners

The answer to the December 15 puzzle is: A nice way to live—overlook and forgive. The winners are: Frances Briney, Dardanella Johnson, Wilma Kresin, Rosemarie Hauser, Emmitt Bean, Florence Dooley, Dortha Mason, Evelyn Enywall, Paul Brenner and James Palmgren.

The answer to the December 22 puzzle is: Nebraska. The winners are: Wayne Herron, Chester Lewis, Ruth Wishall, Melvin Christner and Winifred Maughlin.

The answer to the December 29

puzzle is: Wyoming. The winners are: Ruby Sutton, Walter Bluhm, May Miller, Thelma Hawk and Maurice Chase.

The answer to the "Can You Guess Who?" contest of December 22 is: Benjamin Franklin. The winners are: Wilma Pennington, Sadie Carter, Irene Troeger, Wilma Benhett, Clarence Huffman, John Pennington, Avis Lowry, Erma Jean Miller, Rodney Armstrong and Anna Jane Bailey.

The answer to the "Can You Guess Who?" contest of December 15 is: Jefferson Davis. The winners are: Thomas Fine, Mildred Leppard, J. Leslie Bugbell, Alpha Fitzpatrick, L. Roy Widner, Agnes Hendricks, Wilma Brownell, Eva Townsend, Margaret Jones and Margaret Nebergall.

The winners in the "Connected Diamonds" contest of December 29 are: Dorothy Whitted, Oscar Lambert, Ellen Kirkpatrick, Mabel Bolin and Dollie Sherman.

In Our Letter Box

Dear Young Folks' Editor: I am 12 years old and in the eighth grade. My pony, Peggy, has carried me to school since I was in the third grade. When I want to mount Peggy she puts her head down and throws me to her back. She can run very fast. I have a dog, too, and three cats and a pig. I live on a 640-acre ranch.

Paul Whittington.

Weldona, Colo.

The Cards Were Very Pretty

I am sending my solution of your puzzle. I hope I win some more cards as I have used almost all the others I won. They certainly were pretty!

Oledda Pillsbury.

Edwardsville, Kan.

From the Sunny San Luis Valley

I am 11 years old and in the sixth grade. I have a brother 13 years old. We go to a consolidated school. A bus comes after us so we don't have to walk in the cold. We don't have much cold weather here, tho, in the sunny San Luis Valley. I have two little sisters, Ella Mae, 4 years old, and Elsie Lillie, 18 months old. They think a lot of me.

Ethel Grace Bradshaw.

Monte Vista, Colo.

Thanks for the Surprise Gift

I received the surprise gift this morning and was very much pleased with it. I wish to thank you for it.

Morehead, Kan. Nancy Downey.

I am 10 years old and in the sixth grade. I do not live on a farm but we take the Kansas Farmer. I do not have any pets. I used to have a goat. I tried to make it jump over a stick but it would run under it. My daddy has the telephone office here and I like to work at the switchboard. I have a sister named Frieda. She is 13.

Lois Sloop.

Lyndon, Kan.

We Hear From Jacob

I received the pencils and box and certainly was surprised to get such a nice gift. I thank you very much for it. I had the measles and was in bed when the gift came.

Jacob Spalinger.

Sanders, Mont.

Yeller, Snappy and Deacon

I am 10 years old and in the third grade. I have two brothers but no sisters. I have a hen and 12 little chicks, a pet cat named Yeller, a dog named Snappy and a pony named Deacon. My brothers' names are Charles and George. I can ride a horse and I have five dollies.

Irene Ewings.

Penokee, Kan.

Can You Find the Letters?

Place a letter before each of the words suggested below, also one after them, and get a new word having just the right meaning. See if you can do this without looking at the answers.

To a word meaning the past tense of to eat, prefix and affix a letter and get another meaning disliked intensely.

Prefix and affix a small cable and make a search by feeling with the hands.

Prefix and affix a cardinal point of the compass and make brutes.

Prefix and affix a mean habitation and make implements with broad blades and handles for lifting.

Prefix and affix a fermented malt liquor and make turned wares.

Prefix and affix a card and make a trimming much used by ladies.

(Answers: Ate-hated; rope-gropes; east-beasts; hovel-shovels; ale-paled, ace-laces.)

Oil Upon Water

Procure a glass, a piece of string, a third of a tumbler of water, and a third of a tumbler of oil. Tie a piece of thin string around a conical tumbler, so that a long end is left at each side; bring these over the top, and tie about a foot above the glass, that is making a handle; fill about one third of the tumbler with water, and it can then be swung to and fro, or over and over; the water will re-

main as steady as if it were ice. Then gently pour some oil upon the water until the tumbler is about two-thirds full. Swing the glass again; the oil will remain tranquil, and the water underneath be violently agitated.

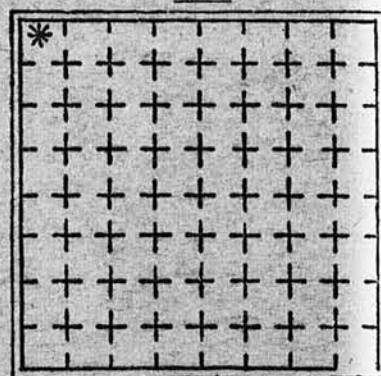
Let's Remember

That just because we're on the move from morning till night isn't any sign we're getting anywhere. The pup that chases his tail till he is all out of breath travels a long way and works hard but he never gets anywhere. The best way is to know where we're going and how we're going to get there.

Because of the Draught

Jack: You've got a bad cold, Pete. Pete: Yeh. Jack: How'd you get it? Pete: I slept in a field last night and someone left the gate open.

How Can He Get Out?



The mystic maze above is made up of 64 squares, like a checker board. Each square is connected with its neighbor by a doorway. The only exit is in the lower right corner. A man is stationed in the upper left corner (see *). He cannot get out unless he enters each square on his way to the exit but he is permitted to enter each square only once. Try to trace the course he must follow. Here is a hint to start you: The first move is to the room immediately below, the second move back to the starting place. Now go on to the exit, remembering to enter each room but once. A package of postcards each for the first five correct answers. Address Puzzle Editor, Kansas Farmer, Topeka, Kan.



The Hoovers—Some Women Select Husband's Clothes—And More Should Do So

Health in the Family

Many Persons Who Suffer with Constipation Take Pills When They Are Not Needed

BY DR. CHARLES H. LERRIGO

THERE are people so constipated that they are never clean. They have an unclean skin, an unclean color, and an unclean odor. They pass their days in a condition of poor health and their lives are soured and stunted without their actual knowledge of the reason. Such people find constipation a real curse. A diet of spinach and other greens would go far to sweeten and brighten their lives.

Far more people are there who are so obsessed by the fear of constipation that they never allow the bowels to perform their normal function. They must be forever dosing themselves with this pill or that salt, perhaps because of some inordinate fear that Nature, in resentment that man no longer sways his body on all fours, will refuse to allow his scavenger system to function.

This dread of constipation is decidedly overworked and capable of causing serious damage to the victim unless good judgment is in control. If the patient who happens to miss the daily evacuation of the bowels simply says, "I must attend to that. I must drink more water. I must eat some fruit, or spinach, or head lettuce every day," well and good. No harm will follow, but much good.

But that is not the usual outcome. Eating fruit or drinking water is too normal a method of correction to commend itself to the average person as a remedy for constipation. They must have something strong (and usually nasty). A pill or a dose of salts are the common agents employed and since one dose calls for another the takers soon become regular devotees of the pill habit. Far better for them to make up their minds that nothing very terrible happens if the bowel evacuation is occasionally missed; that individuals differ; that there are people for whom clearance of the bowels every two or three days is normal. Have a daily bowel habit if possible, cultivate it, encourage it; but do not try to drive it by taking pills and purgatives or you will soon be the worst kind of a constipated human being.

Blue Spots From Bruises

We have a little girl 5 years old who when she gets a hit or a bump, in place of swelling and getting red it just turns black and does not swell any and stays black a long time. I would like to know what causes it. Is it the condition of the blood or flesh? And what to do to prevent or cure it.

J. P. D.

This is not an uncommon condition. Many persons with tender skins are always covered with black and blue spots because the slightest knock or blow causes the small veins to rupture and loose areolar tissue allows the blood to gather promptly beneath the skin. There is nothing to be done for it and it does not seem to affect health in any way. Such a person may be one whose blood does not clot easily.

A Case for the Doctor

I had typhoid fever in bad form this fall. I was very sick for 10 weeks. I am

now better. I have a good appetite and my kidneys work all right, but my left ankle swells and my foot is swollen somewhat. What do you think is the cause? I am now not under the care of a physician. Please tell me what you think is the cause.

W. J. G.

You should go back to your doctor and stay under his care until entirely well. There are many things that might account for the swelling of the ankle, chiefly some circulatory trouble or kidney insufficiency.

Chicken Thievery Profitable

Thieves apparently have found stealing chickens more profitable than bank robbery. Or perhaps they have become too impatient to wait until farmers deposit profits from their flocks. Dozens of farmers in Central Kansas have had their hen roosts robbed during the fall and winter.

In one neighborhood in Jewell county thieves have been operating since early last fall. To some farms they have paid a second visit. Whole flocks of several hundred birds have been wiped out. The thieves apparently are using the motor truck in their operations and seem to be well organized. They either are selling their hauls to some dealer who is not disposed to inquire too closely into the origin of the chickens or they are collecting the chickens with several trucks from different parts of the state and shipping them in carload lots.

Reports from Hutchinson indicate that a gang has been operating in that part of the state. It is evident that the chickens are not sold to dealers in the territory where they are stolen. That would be too risky. They are hauled to some other part of the state. It is probable that the thieves have some central concentration point.

To Make Money With Sorghums

"Sorghums, Sure Money Crops," by T. A. Borman, is written for the farmers of the Great Plains area who are interested in growing sure feed crops. It is of tremendous interest to the man who is working into diversified farming.

The book tells of the different varieties of the sorghums and how the yields can be increased. Every farmer in the Great Plains section ought to have a copy.

By special arrangements we now are able to offer you one of these valuable books postpaid on receipt of two yearly subscriptions to Kansas Farmer and Mail and Breeze at \$1 each—just a \$2 club. Your own renewal will be accepted as one of the subscriptions. Send your order to Kansas Farmer and Mail and Breeze, Topeka Kan.

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.

Approve Egg Marketing Plan

EGG producers of Kansas approved the plan outlined by the State Egg Marketing Committee in a meeting at Topeka, January 9. The plan provides for organizing the state by districts according to transportation and assembling facilities and for the marketing of eggs in those districts by a state organization. Provision for absolute membership control is made in the proposed bylaws.

The convention of producers authorized the committee which formulated the plans to continue their efforts and to bring about the organization it proposes. When sufficient members are obtained to insure delivery of the product of 50,000 hens the state organization will be formed and marketing undertaken. Contract signers will form the state association. The committee is authorized only to obtain the required number of members to meet the provisions of the contract which is 50,000 hens.

The contract is in the form of a co-operative marketing agreement and the signer agrees to deliver all eggs except those used at home and sold for hatching to the organization for a period of three years. The association agrees to sell the eggs to the best advantage and to return to producers all receipts above operating expenses. Several states are in the process of organization on plans similar to the one adopted by Kansas producers.

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Our Kansas Farm Homes

Mrs. Ida Migliario
—EDITOR—

"There's a Bright Side if You'll See It," Says Mrs. Albert Brickell

THE Real Farm People," the subject of a talk by Mrs. Albert Brickell of Florence, Kan., carried a message of real inspiration to visitors at the 53d annual meeting of the Kansas State Board of Agriculture. Mrs. Brickell is a farmer's wife, knows the problems of the farm woman of today, but there was comfort in her remarks as she exposed the silver lining many of us cannot see thru the clouds of present day conditions.

Some of the things she said:

"I am to talk about the real farm people. My remarks shall be based upon the farm life that I have lived and am living, in Kansas. Altho I know farm life, I want to prepare you

advise, but the real cure is in the power of the patient himself, except in extreme cases. I think we will pull thru all right if we do not let too many doctors mix up their treatments."

"What we need everywhere is more of holding fine old ideals together, and less of tearing them down. We need more practice of the Golden Rule in business and out of it. The reform is within the power of each individual, for while all these things as a whole look ever so vast, they all come back to a small part—you and me. As citizens, we need to cherish more respect for our Creator, for in all history, no Godless nation has

the surface. Usually this takes about 1½ hours. Then add sufficient flour to make a dough which may be kneaded. Knead until the dough is elastic and smooth, then place it in a covered mixing bowl and set in the refrigerator or some equally cool place. Do not let freeze, for very low temperatures destroy yeast. This dough may be used any time after standing 24 hours. The amount for biscuits or rolls is pinched off, shaped, allowed to rise and when light, the dough is baked in a hot oven. To prevent the formation of a crust on the dough, it should be kept covered, and it will spoil if not kept in a cool place.

This recipe was taken from "The Farm Cook and Rule Book," written by Mrs. Nell B. Nichols. To readers who have tried Mrs. Nichols's recipes, which appear in our department from time to time, the book needs no other recommendation. It may be obtained from the Macmillan Publishing Company, New York City. Price \$2.

And the Flower Fund Grew

How to have flowers for the sick and flowers for special occasions was solved easily by a woman in Western Kansas. She conceived this idea when her Sunday School class brought her a potted plant some time ago. This year she slipped and started 20 pots of begonias, 10 geraniums, and many other plants to give away. When members of her Sunday School class are ill a plant is sent to cheer them and the class saves its fund.

By raising the flowers there was no stress on the pocket book, much joy was found in caring for them and the teacher was well repaid when the recipients sent letters of thanks to the class. The children in the home have brightened their schoolrooms with begonias, and the city rest room has some pretty blooming plants in its windows. The Y. W. C. A. was contemplating buying flowers when this woman's daughter said she would donate them. It cost only a few months' care and the daughter enjoyed it as much as her mother.

Mrs. Cressie Zirkle.

Age—The Subject of the Hour

If you were to ask a member of the Effingham Community Club, Atchison county, "What is the nature of your club; is it civic, literary, musical or social?" the answer would have to be, "It is none of those, strictly speaking, but is every one of them." Being divided into nine sections with from 14

to 15 members in each section under its own chairman, the entertainment for that month is almost invariably along the line of her special qualifications. It therefore varies greatly.

We hear much nowadays of turning back the clock of time or holding onto one's youth. The committee recently planned a program along that line, and it is one that can be worked out with good results by almost any club, and has the advantage of being different.

Why Grow Old?

Roll Call—What do you consider the ideal age?

Music—America, the Beautiful.

Papers—(a) Why talk about your birthday? (b) Why grow old? (c) The golden age.

Song—Grandma.

Encore—Lad of Dreams.

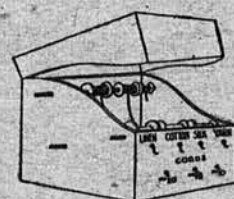
Round Table—Suggestions, discussion or opinions.

The above will make a full program. Copies of the papers will be sent on application to Mrs. C. M. Madden, Farm Home Department, Kansas Farmer and Mail and Breeze, Topeka, Kan. We also will be glad to tell you where the music can be procured.

Mrs. C. M. Madden.

Holder for Cord and Thread

This holder is made from an ordinary recipe box and will take care of from six to 20 spools of cord, twine or thread, depending upon the size of spools and box. It is extremely handy,



too, for all sizes are kept in one place and always available. The sketch shows a box holding three rows of spools. Each row is mounted on a straight wire, run thru the box and at different heights. A small hole is drilled thru the front of the box for the ends of the cords. To prevent them from dropping back into the box when the portion wanted has been cut off, a sheet of rubber is attached to the front inside of the box and the ends drawn thru small holes punched for them. These holes should be made with a needle so that the rubber always will rub against them.

A similar box can be arranged for the slot to hold larger sizes of cords, or the box might be adapted to a single large roll of twine or cord, mounted on a single shaft.

Dale R. Van Horn.

Sunshine in a Colorful Kitchen

COLORFUL kitchens help toward a cheery household during the gray days of winter. For a bit of make-believe sun in the kitchen, buy some yellow and white checked gingham and "do" your kitchen in it. First make the window curtains. You can make long curtains hanging straight toward either side of the window with a simple band of the same material about 1½ inches wide and 15 inches long. Put a buttonhole in both ends of each band so it will fasten onto the hook at the edge

of the window frame and so hold the curtains apart.

Yellow and white checked gingham made up in a combination with plain yellow gingham to match is another pleasing way of making your curtains. Use a plain strip of the yellow material about 10 inches wide at the top of the window for a valance. Make your straight curtains which hang

from under the valance of the checked gingham and run one or two strips of the plain yellow in bias bands across the bottom of these curtains. Use either the plain or the checked gingham to make your bands to hold your curtains slightly back from the center of the window.

CONSIDER the postage stamp, my son, it secures success by its ability to stick to one thing until it gets there.

J. R. Miller.

A small "tidy" for the back of your kitchen chairs, and even a cushion of the same gingham as the curtains for your kitchen rocker helps out on this idea of a pretty, cheerful kitchen.

If your dining room and kitchen are together, make your table runner and your sideboard runner of gingham to match the curtains and chairs. Now, with a bright plant placed at your window ledge and showing up between your drawn back curtains, you can work at your cooking or enjoy your "sitting down" work with real pleasure.

Orville Bourassa Rhoades.

Prizes for the Best Letters

PIE sometimes is called the great American dessert. In every home there is a favorite recipe for it. Will you send us yours?

Have you joined the big army of women now making their own hats? If so, we should be very glad if you would tell us how you made the one you like best, and send us a picture of it.

In many of our counties, home demonstration agents are going from community to community, carrying messages of help and encouragement to the farm homemaker. We know that if your county is fortunate enough to have one, she has helped you in countless ways. And we would like to have you tell us about it so that we can pass the word along to our other readers.

We will pay \$5 for the best letter on each of these subjects, \$3 for the second best, and \$1 each for every other letter we can publish. Address Mrs. Ida Migliario, Farm Home Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan. The contest closes January 31.

for a possible disappointment. You are not going to hear a number of new and ridiculous peculiarities of the people I know and love. The more I read and study farm conditions, the more I realize that the farmer is a very much misunderstood person. So every chance I have, I do what I can to help others see us as we are. I try to point out that there is no reason why anyone should believe that our depth of soul and breadth of mind are bounded by the fences on our farms, for they are as limitless as anyone's."

Privileges Overbalance Hardships

"I consider the extra work I must do on the farm, over and above what I would have to do in town, is more than balanced by the privileges I enjoy. The essentials of housework are the same anywhere—wholesome food, clean, well aired beds, and a congenial place for family gathering. City folks droop their heads in pity and disgust when we mention milk and separators. Some farm women milk and some don't. It depends upon whether they want to, or have to or can. I can't, but I consider it just as elevating to wash my cream separator and care for cream as it is to fuss with a milk man who leaves milk too late for coffee, or to fall out with a neighbor whose dog knocked the milk off the porch. And why, instead of our labor and mess, do they never think of the quarts of cream that we use by the dipperfuls and butter that we use like water?"

"Instead of pitying myself for wasting my life on a farm I am feeling sorry for those families who scarcely know one another in town. Every farm wife has to take up farming to a very marked extent if that farmer is to succeed, and the children soon are in the partnership. With a family spirit like that, I do not see why we are the tragedy of America."

"There may be some help for us thru legislation, for we are like some of the patients our family doctor tells about. He says he can prescribe and

withstood a real crisis. We may not preach or testify, but by our deeds and thoughts we can live in the fullness of the Christian spirit, and our good influence will spread, even tho we may not realize it."

A Plea for High Ideals

"The farmer has suffered losses and paid so highly for the commodities he must buy that he sometimes is desperate, but side by side with him the farm woman has been fighting a brave, clean battle, never losing sight of ideals far beyond our present difficulties. The farm woman—God bless her—has still in her makeup a few of those remarkable qualities that kept our grandmothers on these Kansas prairies, thru drouths and panics, sickness and death. We are not hopeless as long as we keep our ideals, and let us pray that we keep them. And when times are good again, and these trials are only a dim memory, we shall deserve our full share of credit for the fact that the farm population of Kansas and America, instead of being reduced to peasantry, will be our finest type of law-abiding, home-loving, productive citizens."

Biscuits on Short Notice

Hot biscuits or rolls may be served other than on baking days when one has a supply of ever-ready biscuit dough on hand. And the rolls will be just as delicious as those made from fresh sponge.

Ever Ready Biscuit Dough

1 quart milk	1 cup lukewarm water
1 cup mashed potatoes	2 teaspoons baking powder
2½ teaspoons salt	1 teaspoon soda
1 cup melted fat	Flour
1 cake yeast	

Scald the milk and let cool. When lukewarm add the potatoes, salt, baking powder, soda, fat and the yeast, either the compressed or dry, which has been softened in the lukewarm water. Phosphate baking powders give better results than others in this recipe. Add sufficient flour, about 5 cups, to make a soft sponge. Let stand until small bubbles appear on

Utility Styles for All Ages

A Becoming Model For Her Who is Inclined to Be a Bit Heavy

BY MRS. HELEN LEE CRAIG



1941—Pretty Apron Style. A bright cretonne apron will make the household cheerful. Sizes 36, 40 and 44 inches bust measure.

1938—Women's Dress. Graceful lines are achieved in this design. Sizes 36, 38, 40, 42, 44, 46 and 48 inches bust measure.

1953—Child's Rompers. For weeny people, this little romper is just the thing. Sizes 1, 2 and 4 years.

1940—Girls' Dress. A simpler and prettier dress for the growing girl could not be found than this new design.

sign. Sizes 4, 6, 8, 10, 12 and 14 years.

1946—Short Jacquette. These swaggy little jacquettes are very popular now. Sizes 16 years and 36, 38, 40 and 42 inches bust measure.

1939—Women's Night Gown. This gown has not sacrificed attractiveness to be warm. Sizes 16 years and 36, 40 and 44 inches bust measure.

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

Farm Home News

BY MRS. DORA L. THOMPSON

I HAVE always fancied the colored threads pulled thru the drawn work part of hemstitching," said a young sewer. "It was a long time before I learned a better way to do the work than the use of a needle going over and under the threads. Now, I tie the thread to be drawn onto the thread I am drawing out and pull one in as I pull the other out."

For many things such as the white collars and cuffs of work dresses, I think colored machine stitching answers the purpose. Given a red checked dress, for instance, I use white collars and cuffs and then stitch the hem with two or three rows of red stitching.

Buys White Goods in January

"January is the month I use to put my bedding supplies in order," said a woman at the Farm Institute. "If I need new sheets or pillow cases, that is the time I plan to buy the sheeting and make them. I tie comforts and repair worn ones and each year I try to add a little more bedding than the amount worn out."

Wax Ends for Ribbon

Many sweaters, blouses and collars now require ribbon draw strings. Often great inconvenience is caused by the ribbon being drawn into the casing. Heads sometimes are used as ends to prevent this trouble. A sweater sent as a Christmas gift had sealing wax pressed into heart shaped ends. These add a touch of color.

Sets of Bird Pictures

Some manufacturers of soda inclose picture of a bird in each package. Sets of 30 of these pictures may be obtained from the company for 6 cents a set. These are good pictures with good descriptions. One of the children pasted the cards in a bird book

and has written the description on the opposite page.

A very good bird book was received by one of the boys as a gift. The pictures are exceptionally good as are all those supplied by the National Geographic Society that publishes the bird book.

Women's Service Corner

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

A Curtain Suggestion

I made some unbleached muslin curtains for my kitchen, but they do not exclude enough light when the sun is bright. Do you think that if I starched them stiff, it would remedy this?—Mrs. R. T.

Perhaps starching would make the curtains exclude more light. But I was in a home recently where the housewife had worked a better scheme. She had stitched white oil cloth to the back of the curtains, the smooth side toward the unbleached muslin. Then because the curtains were in a living room and she wanted them to be dainty to go with cretonne drapes, she covered the muslin with all-over lace. The bottoms of the curtains were scalloped and finished with a dainty edge of fringe. A stick was run an inch or two above the line where the scallops started. Needless to say, these made very attractive windows.

The Greatest Woman in America

Who is the greatest woman living in America today, and why?—J. W. F.

Jane Addams probably is considered the greatest woman in America. She has helped thousands of people by improving working and living conditions and the settlement house she established in Chicago has an international reputation.

Frank Talk on the Price of Dentifrices

You wouldn't pay a fancy price for a cream separator simply because of flowers painted on its base. A separator can do no more than skim milk.

And likewise when you pay more than 25c for a dentifrice, your imagination does the spending instead of your common sense. A safe dentifrice can do no more than clean teeth.

Ask yourself what you get for what you pay above that price. Perhaps a fancy name; useless drugs; a "cure-all" theory; or possibly plain grit.

When you pay 25c for a large tube of Colgate's Ribbon Dental Cream you have bought a dentifrice that is safe and that cleans teeth the right way.

Colgate's is free from grit and harmful drugs. It "washes" teeth and does not scratch or scour their precious enamel. It is the safe common sense dentifrice. A large tube, 25c.



COLGATE & CO.
Established 1806

For the sake of the future
buy Colgate's today



If your wisdom teeth
could talk they'd say,
"Use Colgate's"

CLEANS
TEETH THE
RIGHT WAY
Washes and Polishes
Doesn't Scratch
or Scour

Truth in Advertising Implies Honesty in Manufacture

14 1/2¢ PER OUNCE

Peace Dale yarns for every purpose—you pay only 14 1/2¢ to 20¢ per oz. direct from mill! Guaranteed soft, smooth, long wearing. Colors from the most brilliant to delicate, pastel shades. Send today for over 120 beautiful free samples—and special knitting book offer coupon. Satisfaction guaranteed by 100-year-old firm. Peace Dale Mills, Dept. 761, 25 Madison Ave., New York City.

120 FREE
YARN SAMPLES

GIVEN WRIST WATCH



Handsome, guaranteed time keeper, given for selling only 40 packs of vegetable or flower seeds (mention which) at 10¢ per large pack. Easily sold—EARN BIG MONEY OR PREMIUMS. Get sample lot today. Send no money. We trust you'll find seeds are sold.

Box A-15,
AMERICAN SEED CO., Lancaster, Pa.

1,000 Saleswomen Wanted Immediately

The Capper Publications now have positions open in practically every small or medium sized town thruout the Central western states where women may earn steady, substantial incomes. The work is interesting and leads to many opportunities for advancement.

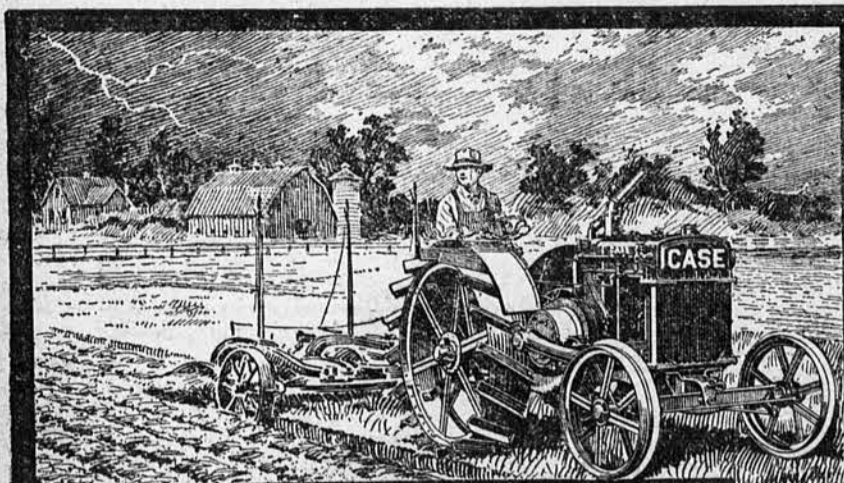
Previous selling experience desirable, but not required. Only honest, truthful, respectable women wanted. We prefer those who can work six days in the week, but many are making good who give us only a part of their time.

This is not an experiment. Our selling plan has been used successfully for years. We furnish complete instructions, so that any person with ordinary ability can make good from the start.

Full particulars and application blank furnished on request.

Dept. 300, The Capper Publications,
Topeka, Kansas.

There is nothing like passing a good thing along, so as soon as you have read Kansas Farmer and Mail and Breeze, pass it along to your neighbor.



Collect Nature's Reward for Timely Work

Many of the most successful farmers in America will tell you that their prosperity is largely due to the better, more timely work they are doing with Case tractors because:

They speed up farm work. A generous reserve of power and unfailing dependability keep the Case tractor going steadily as fast as good work can be done, day and night, if need be.

They are adapted to many kinds of work. Heavy plowing, seed bed preparation, weed killing; the rush of harvesting; the grind of threshing and silo filling—Case tractors excel at all these operations because of their adaptability and unusual efficiency.

You can do more, better and more timely work with a dependable, durable Case tractor. A new book "Modern Tractor Farming" tells you how. **Write for it TODAY.**

CASE

TRADE MARK REG. U. S. PAT. OFF. AND IN FOREIGN COUNTRIES.

J. I. CASE THRESHING MACHINE COMPANY

ESTABLISHED 1842

DEPT. N12 RACINE, WISCONSIN.

NOTE: Our plows and harrows are NOT the Case plows and harrows made by The J. I. Case Plow Works Co.



EVERBRITE RADIANT HEATER

Generates Its Own Gas from
KEROSENE

Scotless and smokeless! Burns eight to ten hours on a gallon of fuel. Gives a surprising amount of heat. Portable—may be moved from room to room. The EVERBRITE burning kerosene (coal oil) brings all of the convenience of gas to every home. It is even better because it gives you all the heat you want when needed most and does it more economically than any other fuel. The perfect combustion created by the criss cross "radiants" eliminates all smoke, soot and dirt. The deep, rich, reddish glow of the burning EVERBRITE HEATER creates a cheerful homelike atmosphere paralleled only by the old fashioned fireplace. Simple to care for and operate. We will pay the freight or express charges on all mail orders. A postal card will bring you full description. Some very desirable territory is open to responsible agents.

THE EVERBRITE STOVE CO.

Gateway Station
Kansas City Missouri

As soon as you have read this issue of Kansas Farmer and Mail and Breeze pass it along to your neighbor.

BOYS These are Given for a Little Easy Work

Your choice of these and other premiums for selling our famous "Bonded Brand" guaranteed garden seeds. Send for 30 packets garden seeds and free premium list. You may select premium or keep \$1 for your work. Send no money.

FOUR STATES SEED CO.
Texarkana, Ark.
Dept. E

WHITE BLOSSOM SWEET CLOVER

Buy Now. Grow Sweet Clover. Cheaper and better than Red. Grows anywhere. Best fertilizer, wonderful pasture and hay. Big money maker. Crop often worth \$50 per acre. See our superior seedling seed. Don't delay writing for our 116-p. catalog giving full particulars and FREE SAMPLES. Our prices save you money. Also low prices on Clover, Alfalfa, Timothy, etc. Write today.

A. A. BERRY SEED CO.
CLAMOND, IOWA

FREE! Egg & Poultry Record

NEW KIND of HATCHER

Farm Bureau say farmers get best profits from eggs and poultry. Prove it. Keep your own records. Send for FREE Radio Round Egg and Poultry Record. Also information about new kind of hatcher with 16 big improvements. Almost self-operating. Radio Round Hatcher built round like hen's nest, no cold corners. Triple Heating System. Overhead Vaporizer. Daylight egg-chamber. Oil saver in burner. Only 6 qts. to hatch. 5 minutes a day for everything. Costs less to operate. Hatchers snap. Feed low-priced crops to chicks, get bigger profits. Year-round bumper harvests. Write today for FREE Egg Record, new book, cut prices. Express and freight prepaid from factory. Just send name and address.

Radio Round Incubator Co., 301 Bay Street, Wayne, Neb.

The Voice of the People

Opinions and Comments of All Kinds by Our Readers on Leading Topics of the Day

DURING the year of 1924 we desire to have as many of our readers as possible write us briefly their views on topics pertaining to state and national matters that they think would be of interest to our subscribers.

We will pay \$1 apiece for the best letters received which will be published in this department that is to be known as the Voice of the People. All letters must be short and snappy. Address all communications intended for this department to the Voice Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.

Farmers Can Help Themselves

I hear so much about the farmer being abused and robbed, that it makes me tired. I have been on the farm for the last nine years and for a while I made money but as times changed, I, like a lot of others, tried to hold on to what I had till I got a fair profit, but that time never came. We bought high and sold low. It was our own fault.

There has always been a crisis after every war. We never looked forward at all but expected times to go on just the same. The moneyed interests held all the cash they could in reserve, knowing things could soon be bought at a low figure, but the farmer, like a blind pig in a cornfield, just took what he could get and squealed about it.

The farmer doesn't need credit, that is the last thing in the world he should want. He has had too much credit already.

Just as sure as you borrow money, just as sure you must pay it back and with interest. If under these times a man cannot get by on his own capital, how can he expect to get by on borrowed capital and then pay interest?

The greatest trouble with the American farmer is he would buy a white elephant if he could get it on credit and he never thinks of pay-day until some bank sends him a notice. I have dealt with the farming class of people for 40 years and I am sorry that I have not found all of them normally honest men. Some of them will charge their neighbors as much or more than they can get in town for anything and then howl about the profiteer. Nine of every 10 are just as bad as the one they "cuss" and would do just as bad or worse if they had the chance.

Shaw, Colo. W. C. Thorton.

For Better Rural Schools

Perhaps the request for suggestions on improvement of rural schools was not noticed. It is almost the last item in the last column of the October 27 issue of Kansas Farmer and Mail and Breeze.

I have made several attempts to tell whereby they might be improved, but there is so much needed that a general making over would not be amiss.

The present day institute is not de-

signed to put out teachers in all that it means to be a teacher. This is clearly seen when the teacher is seen in action in her own schoolroom. Quite often she does not know what is required of her.

These same persons could not go into any other work with so little knowledge of the work, and give so little of their time and efforts, and still hold the job.

A much greater application to the work in hand on the part of both teacher and pupil would help materially.

Everything goes fine as to methods and theories until the time for actual work, then very few are willing to apply themselves.

Surely a hard blow has been struck at our Nation thru the schools.

I believe a great general improvement would be made by the revival of the old-time institute of four weeks of hard study and of association with teachers of experience.

Mrs. Grace Madden.

Burlington, Kan.

Readjusting Taxes

Talking about readjusting taxes, there are two things I want to say. I think the present plans are far from right. First: A has \$50,000 worth of property, all of which is heavily mortgaged. He pays a tax, perhaps 2 per cent on \$1,000 a year. The man who holds the mortgage pays taxes on the same property. B has \$50,000 and invests all in bonds or non-taxable securities; he pays no tax and can spend the \$1,000 a year at pleasure, and he just as far along at the end of the year as A.

Is this fair? Is this liberty and justice to all? Our state representatives, Senators and Congressmen are doubtless intelligent people, but can they tolerate conditions such as I have mentioned?

In the second place, many hard surfaced roads are built and the owners, whose land is next to such roads, are taxed heaviest because it is said they are the most benefited, but this is not always true.

If A and B buy a wagon in partnership, and A used the wagon five days to one day of B, the two doubtless pay for this wagon on a five to one plan. Why should not this be done with hardsurfaced roads? The man who used it most, pay most for it by a special gasoline tax or some other way—that looks more fair than to have the man whose property adjoins this road go bankrupt, because his farm may not produce enough to stand the burden of taxation.

Holton, Kan. Godfrey Bareiss.

The farmer's problem is not so much in making a living as in learning how to live.

Don't buy a bull whose dam can't qualify for the advanced registry of the breed to which she belongs.

Kansas Agricultural Council Meets

REPRESENTATIVES of nine farm organizations, constituting the Kansas Agricultural Council, met in Topeka, January 8 and 9. The council concerns itself with the broader farm problems, the attitude upon which their different organizations can unite. Its resolutions are a composite of farmer opinion as expressed in the policies of organizations toward certain questions. A single objection to any resolution considered prevents its passage.

The council declared in favor of co-operative commodity marketing of farm products; a motor fuel tax, a tax on the privilege of operating motor vehicles and a license on commercial trucks and passenger vehicles for the construction and maintenance of roads; taxation for rural schools on the basis of teachers employed and the number of children in attendance; an import duty of 50 cents a bushel on wheat and either enforcement of the "milling in bond and drawback clauses" of the tariff law or its repeal; abolishing war or in case of war, drafting of industries, transportation labor and wealth for its prosecution so that no bonded indebtedness will be incurred; greater services from rural high schools to serve the needs of communities; a state income tax; a gross production tax on mineral resources; a tax on certain luxuries such as commercialized entertainments, tobacco, cosmetics and perfumes; better teachers for rural schools; the keeping of accounts by farmers.

O. O. Wolf, Ottawa, was re-elected head of the council. Wolf is a Franklin county stockman, member of the State Board of Agriculture, the farm bureau, and has been connected with the co-operative livestock marketing movement since the "Committee of Fifteen" was formed.

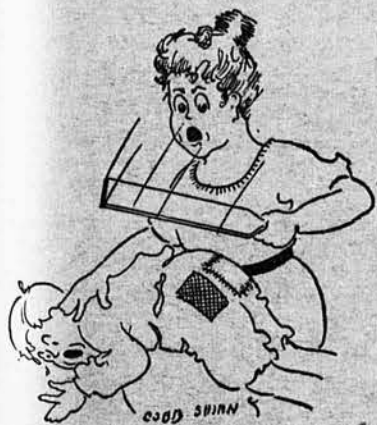
The Farmiscope

Fair Enough

The goose had been carved and everybody had tasted it. It was excellent. The negro minister, who was the guest of honor, could not restrain his enthusiasm.

"Dat's as fine a goose as I ever set ma teeth in, Brudder Williams," he said to his host. "Whar did you git such a fine goose?"

"Well, now parson," replied the carver of the goose, exhibiting great dignity and reluctance, "when you preaches a speshul good sermon, I never axes you whar you got it. I hopes you will show de same consideration."



Board and room.

A Grave Mistake

"Hello! I want to order a box for tomorrow."

"What size?"

"There will be six of us in the party."

"But they only come in single sizes—we'll have to have it made special."

"Is this the Lyceum?"

"No, this is the undertaker."

Noise Wins

"What does the professor of Greek get?"

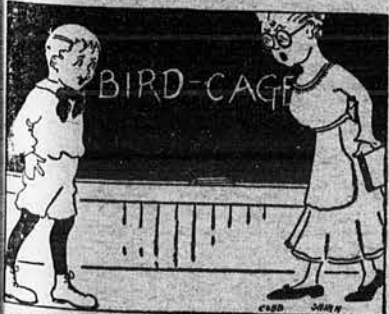
"Oh, about \$3,000 a year."

"And the football coach?"

"About \$12,000 a year."

"Quite a discrepancy."

"Well, did you ever hear 40,000 people cheering a Greek recitation?"



"Willie, can you tell me why there must be a hyphen in bird-cage?"

"It must be there so the bird will have something to sit on."

Discernment

The Italian Senate's unanimous vote of confidence in Mussolini is somehow reminiscent of an old story:

"Why do you think your dog loves you?" asked the nice old lady.

"Because he knows I'd knock the stuffin' out of him if he didn't," the boy replied.

At Home Everywhere

Scene—A hotel in Buenos Aires.

Hotel Clerk (registering new guest): "Foreigner, sir?"

New Arrival (testily): "Certainly not, English."

He Comes Up Smiling

"Well," said Tut, as the sound of the excavators' shovels on the stone roof disturbed his slumbers, "this goes to show that you can't keep a good man down."

Fast Traveler

We like a story that was very popular with the Army in France. It is the tale of a negro who was eating it for the back areas as fast as he could go, when he was stopped by a white officer.

"Don't delay me, suh," said the negro. "It's gotta be on my way."

"Boy," replied the officer, "do you know who I am? I'm a general."

"Go on, white man, you ain't no general."

"I certainly am," insisted the officer angrily.

"Lordy!" exclaimed the negro, taking a second look. "You sure is! I musta been travelin' some, 'cause I didn't think I'd got back that far yit."

Quite True

In London they were discussing advertising. "Great stuff, these electric signs on Broadway," said the Yankee. "They've got one advertising Wrigley's gum, runs a whole block, 250,000 electric bulbs."

"How many?" cried the astonished Londoner.

"250,000," answered the Yankee.

The Londoner observed, "But I say, old chap, isn't that a bit conspicuous?"

Frank Man

He had called on her twice a week for six months, but had not proposed. "Ethel," he said as they were taking a moonlight stroll one evening, "I am

—er—going to ask you an important question."

"Oh, George!" she exclaimed, "this is so sudden. Why, I—"

"What I want to ask you is this," he interrupted. "What date have you and your mother decided on for our wedding?"

Not So Bad

Mrs. Williams suffered a badly wrenched knee, but aside from a broken top, and windshield, no other damage was apparent. From an account of a motor car accident in The Weiser Semi-Weekly Signal, (Idaho).

A Better 'Ole

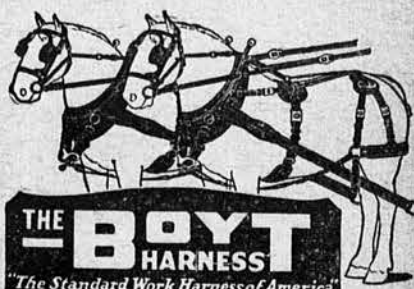
"And now, I suppose, you'll want to go home to your mother!"

"Oh, dear no—I'll telephone her to come here."

Puzzle: Find the Frog

Absent-Minded Professor—"I will show you the internal structure of a frog."

Same Person (after opening paper disclosing two hamburger sandwiches): "I was sure I ate my lunch a few moments ago."



It's as easy to disguise cheap harness as to disguise cheap tires. But no matter how well they look, they won't wear if the leather isn't right.

Few users of harness actually understand quality in leather. But the Boyt leather buyer does. Every hide used in BOYT Harness is inspected by him at the tanner's before we buy it. Less than one in ten hides looked over meet Boyt leather specifications.

There is only one way to be safe. Buy harness made by a company whose reputation you know. The BOYT Harness is such a harness. It is the finest made.

Your dealer has the 1924 BOYT Harness with the new Boyt traces, or can get it for you. The price is \$78.00 per set.

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



BRONZE BUCKLES
The BOYT Harness is trimmed with bronze hardware at more than eighty different points.

FREE BOOK

Telling the story of Boyt quality mailed on request

The Farmer and the Railroad

THIS is the second of a series of articles addressed to farmers in which it is our purpose to discuss candidly the transportation situation in America today. In the first article it was shown how the building of the railroads made possible the growth and development of the agricultural industry of the Middle West. The value of railway properties required in the production of an adequate transportation service is the subject of this article.

In the beginning, railroad building was one of the greatest "gambles" on the face of the earth. Those pioneers who pushed steel rails and pulled "Iron Horses" into the virgin wilderness took long chances and expected large rewards if they won. Farmers and townfolks offered every inducement to prospective railway builders. Men were elected to state legislatures and to congress instructed to vote land grants to those who would risk their work and money and frequently their life in the construction of new railroads.

It should be remembered, however, that lands granted to railroad builders almost invariably were worthless without the railroads and it was in the hope that the building of railroads would enhance the value of other lands that grants were literally forced on the builders. Then, eventually, it became popular to attack the railroads on this and other grounds. The attacks were repeated until congress yielded to insistent demands and enacted the Valuation Act, ten years ago.

That law was a result of continued declarations that railroad securities were inflated. It was said that investigation would prove those assertions. The contrary has been true, however. The act cost the railroads and the taxpayers approximately ten times as much as it was said it would cost and the result has been that the Interstate Commerce Commission, when faced with the necessity of arriving at a valuation for rate making purposes, declared that, based on the work accomplished up to that time, and on the best other information available, the value in 1920 was \$18,900,000,000. Since that time more than \$2,000,000,000 of additional new capital has been put into the railway properties and this figure represents more than the total par value of all outstanding railroad securities, stocks and bonds. Having failed in their efforts to prove that the railroads are staggering under a burden of inflated values and "watered" stocks, the same type of men who strangled the railroads with unnecessary regulatory legislation now propose to declare the real value of railroads to be quoted values of railway securities which have been forced down largely as a result of the activities of railroad antagonists.

Let us apply this line of reasoning to agriculture. Suppose the actual value of a Corn Belt farm today, based on 1913 values, to be about \$12,000, or 30 per cent more than the value in 1910. Suppose further, that during the last ten years, due to rising production costs and limited earnings, the "paper" value of that farm, based on its net earning power, had decreased approximately one-half. Based on wartime and anti-war values, that farm would be worth a great deal more than in 1913. According to government statistics such an average farm is actually worth \$18,000. How many farmers would be willing to have the government fix the price of farm products, using as a basis, the depreciated "paper" value of half the actual value of 1913?

The Interstate Commerce Commission has tentatively fixed the value of the railroads—using 1913 values as a basis—at \$18,900,000,000. Since then new capital put into railway properties bring the total to approximately \$21,000,000,000. The quoted or "paper" value of all railway securities is about half that amount. Yet that valuation was arrived at without considering either the par value or the market value of outstanding securities. Is there anything fair or square in the proposal of some men to arbitrarily declare that depreciated figure to be the value of railway properties? (Especially when, based on replacement values at present day prices, the total value probably would be about \$30,000,000,000.)

And it should be remembered that, even on the basis of the tentative valuation arrived at by the government for rate making purposes, the railroads have failed by nearly two billion dollars to earn even the 5 1/2 per cent Congress has said would be a fair return on the money invested in the production of railway transportation service.

I solicit your co-operation and suggestions.



W. A. R. R.

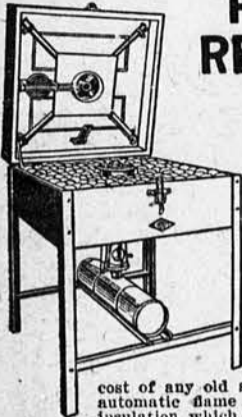
President,

MISSOURI PACIFIC RAILROAD COMPANY.



X-RAY INCUBATORS AND BROODERS Hatch for One-fifth Cost

PRICES REDUCED AGAIN



This illustration shows the X-Ray 200 egg incubator. It can be hatched with one gallon of oil. The lamp is filled but once during the hatch. Requires very little attention and work. Will hatch every fertile egg. You can hatch an X-Ray Perfect Incubator for one-fifth the cost of any old style machine due to automatic flame control and perfect insulation which holds the heat.

The heating plant in X-Ray is in the center of the machine. The heat is thus distributed evenly throughout the egg chamber and all of it is used. Compare this feature with the outside heating plants in old style machines.

These features save time, worry, work and expense. The new patented redwood and pressboard combination walls protect against sudden weather changes. These patented walls seal every joint and corner, which gives the best insulation known in any incubator. The room temperature may drop from 70 degrees to nearly zero but the temperature in the hatching chamber will not change.

Due to this evenness of heat and the special moisture generator X-Ray incubators hatch every fertile egg. Hundreds of experienced poultry raisers are using from 1 to 20 X-Rays.

PRICES REDUCED AGAIN
Because of the great demand our operating costs are lower and we have again reduced our selling price. We have hundreds of letters in our office from experienced X-Ray users. We will gladly send you their names.

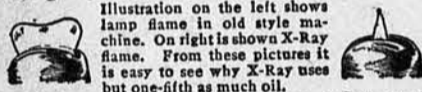


Illustration on the left shows lamp flame in old style machine. On right is shown X-Ray flame. From these pictures it is easy to see why X-Ray uses but one-fifth as much oil.

Sixteen years' experience has shown that where we sell a small size machine the buyer almost invariably orders the 400 egg size later. Order the 400 egg size first. It will hatch any number of eggs up to 400. It operates for less than one-half the cost of the ordinary 100 egg size old style machine.

Many users of the 400 egg machine are selling baby chicks to neighbors and others at good profits. We make smaller machines. They operate just as successfully as the larger model. You will want the 400 egg capacity later and it will pay you to buy it first.

Don't confuse the X-Ray Incubator with cheap imitation machines built to look like it and sold by the makers to operate like it. Exclusive X-Ray features are patented and imitators cannot use them, therefore, no other machine can operate as successfully as X-Ray and with so little work, worry and expense.

A copy of the new 1924 X-Ray book is ready for you. It describes 21 exclusive X-Ray features. Tells you why X-Ray operates at lower cost and with less work and worry than any other machine. When you read this book you will know why X-Ray hatches every fertile egg. Send your name and address and a copy will be mailed you free at once. We prepay all transportation charges.

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CHICKS Vigorous, lively, standard bred, from 25,000 bred to lay hens. Post-paid, 100% arrival guaranteed.
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Business and Markets

Season of Holiday Depression Has Passed and a General Improvement in Trade is Noted

BY JOHN W. SAMUELS

NOW that the holiday season has passed and its aftermath has been forgotten, business and trade conditions are beginning to show marked improvement along all lines. "The year of 1923," says the January Financial Review of the Continental and Commercial Banks of Chicago, "closed with promise for 1924. An upturn in the stock market and easing money rates are favorable signs. Credit continues to be relatively easy. Production and trade statistics have shown the seasonal movement expected. In fact, nothing has developed to alter our opinion that the slight recession in business during the summer was merely an interruption in the expansion stage of a long business cycle."

Rise in Stock Market

"Expectations as to business are quickly reflected in the stock market. Hopes and fears of the future may or may not be well founded, but the ticker tape is extremely sensitive to them. Accordingly, the increase in the price of stocks, particularly of certain leaders, and the larger volume of trading are significant. The 'averages' are still below the high of October 18, 1922, and below the March 1923, peak, but there has been a steady increase during November and December. The averages at the end of the year were some six points higher than the mid-summer figure, 77.02 on July 31.

"A rising stock market and easing money rates must make an uncomfortable combination for the high priests of pessimism. We shall be surprised if the general level of commodity prices during the first half of 1924 is not firm or rising. Unless there is directly ahead a period of liquidation and depression which we cannot foresee, this must be the price tendency."

Credit Conditions Favorable

"Credit conditions do not require much comment. Loans and discounts of member banks have shown scarcely any variation. The latest Federal Reserve figures indicate the usual year-end settlements and adjustments. This is a passing fluctuation. However, these statistics are interesting in one particular—bills bought made a new high for the period 1922-23 on December 26, 1923. This item may bear watching."

"The banking situation will not be a drag on business in the months ahead. There is no credit stringency or immediate likelihood of one."

Higher prices for farm products with a few exceptions are being offered now at all of the big terminal markets. "We are now approaching the season when wheat often shows a tendency to rise more or less. Twenty-three years in 30, wheat has been higher in January than in December. With a record visible supply in the United States, a large visible supply in Canada, with Russian exports already passing the 10 million bushel mark since August 1, and with prospects so far of good crops in Argentina and Australia, a strong midwinter advance in wheat is not in prospect," says Professor R. M. Green of the Kansas State Agricultural Col-

lege. "Active mill demand in the first part of 1924, and prospects of a light carryover are the grounds offered for an advance in spring prices."

Because of present livestock prices, and the weak position of the wheat market, some reaction downward in corn prices may be expected for a few weeks, is the forecast of Professor R. M. Green, marketing authority at Kansas State Agricultural College. Visible supply of corn is about half what it was a year ago. With a visible supply at present only about one-half what it was a year ago and with farm stocks the lightest since 1919 and less than half those of a year ago, Professor Green says that no broad decline in corn prices seems likely. Fairly heavy receipts at the markets can be readily absorbed for some time.

The supply of livestock in the country would induce increased feeding operations should much of a decline in corn prices occur. This in itself is a stabilizing factor in the present corn market.

Better Cattle Prices Coming

"The relatively high price of corn earlier in the season caused much short fed and warmed up stuff to come back to the market unusually early," says Professor Green. "Much of the lighter weight stocker stuff now being returned to the country is likely to be grazed or fed out on grass, the tendency being to economize on corn as a late advance in price is generally expected."

The fact that we had 2 per cent more cattle on feed on farms, December 1 than a year ago, indicates to Professor Green that liquidation of the short fed and warmed up stuff may be expected to extend thru January and possibly a little later. The seasonal tendency of the cattle market to strengthen from then on should be able to assert itself.

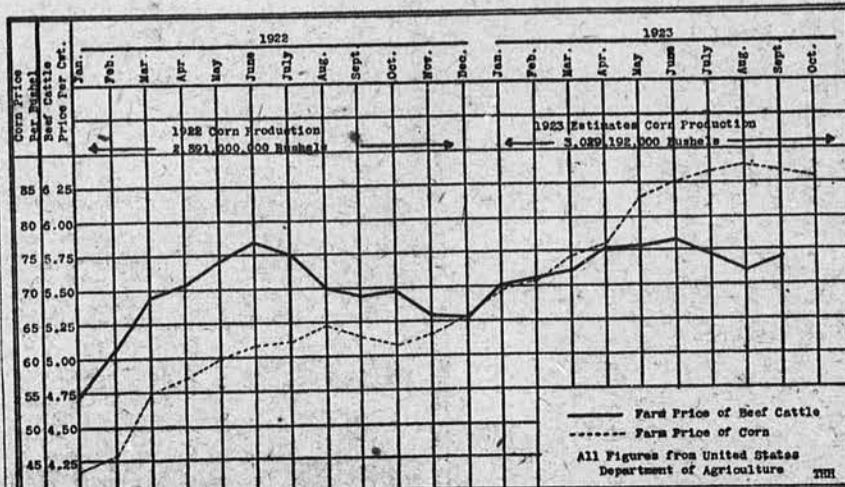
Hog Situation Will Improve

"The fall and early winter run of hogs continues actually heavier than a year ago and relatively heavier when compared with a 5 and 10-year average run for this season of the year. This, together with the present disparity in the corn and hog ratio, continues to point to an improved market in the late spring. Stocker and feeder shipments, while heavy since July 1, recently have shown a decided tendency to fall off. With hogs selling at 12 or 13 per cent below pre-war figures, some seasonal advance is to be expected, altho apparent supplies do not warrant big upturns," according to Professor Green.

Kansas City Livestock Sales

While livestock prices at Kansas City this week were uneven, the market for cattle and hogs closed with declines that were quoted earlier in the week regained, and total clearances were made. In the last two days, hogs have advanced 20 to 25 cents and fat cattle 15 to 25 cents. While lambs were slightly under the high point of the week, fat ewes sold into a new high position for the season.

(Continued on Page 22)



This Chart Shows the Farm Prices of Beef Cattle and of Corn from January 1, 1922, to October 1923 As Reported by the U. S. Department of Agriculture

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Capper Poultry Club

An Average Profit of \$341.50 Speaks Well for the Raising of Purebred Poultry in Kansas

BY RACHEL ANN NEISWENDER
Club Manager

WELL can most of us remember when a few straggly chickens were kept on the average farm, not for money making, but because it was the usual thing to keep a few chickens. "The chicken money" was spoken of by the man of the house in a way that convinced the listener that it was a small amount, scarcely worth mentioning. In the winter there were no eggs and in the summer there were too many.

Lately folks have come to realize that a farm flock, well cared for, is a decided asset to any farm. And sometimes, in not long past years either, the lowly hen has proved to be more profitable than many acres of golden wheat.

Kansas Club Folks Know

The girls and mothers enrolled in the Capper Poultry Club have just added up their profits for the last year and find them to be \$10,247.49. Figures speak for themselves, but you may be sure that every member of the club is a firm believer in the merits of purebred poultry.

Here Are Some Highlights

There were 1,040 chicks entered in the baby chick department by the 52 girls in this division, and of this number 798 were raised. In the baby chick department the highest profit was \$53.79. Every one of the 52 girls entered 20 baby chicks and this is how they came out at the end of the year:

17 raised.....	20 chicks
2 raised.....	19 chicks
5 raised.....	18 chicks
4 raised.....	17 chicks
4 raised.....	16 chicks
1 raised.....	15 chicks
19 raised.....	less than 15 chicks

In the pen department there were 621 eggs set, 3,127 eggs hatched and 244 chicks raised. The highest profit was over \$500, and several girls made profits of \$200 and \$300. These girls entered eight hens and one cockerel.

"Three Times is the Charm"

This old saying seems to apply to Linn county, pioneer in Capper Poultry Club work, for this is the third successive year that the girls of this team have proved themselves the best chicken raisers in the Kansas club. Their grade was 1,785.33. The prize was \$5 each. These are the girls who will receive this prize: Grace Harrison, Ruby and Laura Guffey, Fern Hewitt, Beth Siron, Helen Knight, Hazel Horton, Mabel Morrell, Blanche McGee.

Winners in Large Pen Department

Fifteen hens and one or two cocks cockerels are entered in the large pen department. Laura Cunningham of Morris county won first prize of \$15 in this department. Second prize of \$10 goes to Helen E. Dale of Reno county; third prize of \$8 to Velma Dodd of Clay county, and fourth prize of \$5 to Edith Lamb of Chase county. To Grace Harrison of Linn county goes the profit trophy. This means that Grace made the highest profit

record of any girl enrolled in any department of club work. She also will receive a cash prize of \$20. In the small pen department Laura Moellman of Lyon county won second prize of \$15. Third prize of \$10 goes to Mary Bailey of Atchison county; fourth prize, \$5, to Esther Evans of Rooks county; fifth prize, \$3, to Kathryn Brose, Leavenworth county. These 10 girls will receive \$1 each: Ruby Guffey, Linn; Fay Schmidt, Lincoln; Mary Hellmer, Lyon; Inez Bland, Jackson; Mildred Brown, Rooks; Opal Shuff, Reno; Reta Bowman, Coffey; Irene Wheeler, Coffey; Irene Hadway, Clay; Frances Bechtel, Lyon.

Prizes in Baby Chick Department

Rena Loshbaugh of Labette county won first prize of \$12. Second prize of \$7 goes to Nancy Houser of Chautauqua county; third prize, \$5, to Zola Gardner, Wichita; fourth prize, \$4, Wilma Conner, Reno; fifth prize, \$2, Marie Brose, Leavenworth. These 10 girls will receive \$1 each: Ethelyn Etherington, Greenwood; Della L. Ziegler, Morris; Blanche McGee, Linn; Bertha Moellman, Lyon; Thelma Sheets, Greenwood; Alberta Blauer, Rooks; Mabel Morrell, Linn; Florence Blauer, Rooks; Eulavee Gilbert, Reno; Hazel E. Horton, Linn.

Winners in Mothers' Department

Mrs. Lula Harrison of Linn county won first prize of \$20 in the mother's division. Second prize of \$10 goes to Mrs. Bailey of Atchison county. Third prize, \$6, Mrs. Mamie Hewitt, Linn; fourth, \$5, Mrs. D. G. Guffey, Linn. The following mothers will receive \$1 each: Mrs. A. E. Brown, Rooks; Mrs. F. H. West, Linn; Mrs. Fred Johnson, Franklin; Mrs. Leo B. Curtis, Linn; Mrs. Albert Blauer, Rooks; Mrs. John Bowman, Coffey; Mrs. Emma Schlichting, Coffey; Mrs. W. O. Evans, Rooks.

Awards in Mothers-Daughters Division

In this department Mrs. Harrison and Grace won first prize of \$10. Mrs. Bailey and Mary of Atchison won second prize of \$5; third prize of \$3 goes to Mrs. Hewitt and Fern of Linn county, and fourth prize of \$2 to Mrs. Guffey and Ruby of Linn county. These mothers and daughters will receive prizes of \$1: Mrs. Brown and Alice, Rooks; Mrs. Johnson and Marguerite, Franklin; Mrs. Bowman and Reta, Coffey; and Mrs. Leo Curtis and Blanche McGee, Linn.

We Need More Girls

Applications by the hundreds are coming into the office these days, but we still want more girls. If you are a farm girl between the age of 10 and 18, interested in purebred chickens and bank accounts and new friends and lots of fun, send your application to me and I'll send you complete information about our club work. If you do not have the money with which to purchase your contest entry, Senator Capper will lend it to you on your own note.

Capper Pig and Poultry Clubs

Capper Building, Topeka, Kansas

Raymond H. Gilkeson, Pig Club Manager

Rachel Ann Neiswender, Poultry Club Manager

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

.....county in the Capper

.....Club.

(Write pig or poultry club)

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

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

Approved..... Parent or Guardian

Postoffice..... R. F. D. Date.....
Age Limit: Boys 12 to 18; Girls, 10 to 18.

Get Winter Eggs!

See to it that there is song and cackle, scratch and action, going on in your poultry yard.

That's when the eggs come.

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See them get busy. It gives hens pep.

Nux Vomica is what does it—that greatest of all nerve tonics. A Pan-a-ce-a hen can't hold still. It's her good feeling that makes her hop around.

Pan-a-ce-a has Quassia in it to make hens hungry. Great combination! One makes them eat—the other helps them digest what they eat.

No dormant egg organs when that combination gets to work on a hen's system. You just get eggs—eggs.

A Pan-a-ce-a hen is always a hungry hen—an industrious hen. She gets off the roost winter mornings, ready to scratch for her breakfast.

Tell your dealer how many hens you have. There's a right-size package for every flock.
100 hens, the 12-lb. pkg. 200 hens, the 25-lb. pail
60 hens, the 5-lb. pkg. 500 hens, the 100-lb. drum
For fewer hens, there is a smaller package.

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45,000 PURE BRED BREEDERS. 15 varieties. Best laying strains. Incubate 25,000 eggs daily. Catalog Free. Poultry prices. Free live delivery. **Missouri Poultry Farms, Columbia, Mo.**

Business and Markets

(Continued from Page 20)

Receipts for the week were 45,150 cattle, 11,450 calves, 79,150 hogs and 20,325 sheep, compared with 32,150 cattle, 6,500 calves, 53,750 hogs and 22,050 sheep last week, and 43,650 cattle, 8,350 calves, 82,650 hogs and 29,550 sheep a year ago.

At the outset this week prices for practically all classes of fat cattle declined 25 to 35 cents, and in the last two days made nearly a full recovery. Choice steers were scarce and the price movement for them was within a narrow range. Nothing prime was offered. The top price this week, \$10, was paid for 1,050 and 1,235 pound steers and most of the good steers sold at \$8.75 to \$9.75, in practically all weights. Plain to fair native steers brought \$7.75 to \$8.65 and dogie steers \$6.75 to \$7.65. Trade in cows and helpers, especially plain and medium grades, was dull, and prices closed the week 15 to 25 cents lower, tho with a better feeling than at midweek. Veal calves declined 50 cents to \$1.

After Tuesday trade in stockers and feeders was limited by light supplies. The plain and common kinds closed lower, but the good classes held steady.

Top Notch for Hogs is \$7.15

Following an advance of 10 to 15 cents on Monday that carried the market close to the high point of the season, hog prices turned down and the full decline was evident in the early trade Thursday. Since then, a 15 to 25-cent rally prevailed, taking the market to within 15 cents of Monday's high and back to steady with last week's close. The top price at the market's close was \$7.15 and bulk of sales \$6.85 to \$7.10. Packing sows are selling at \$6.35 to \$6.60 and pigs \$4.75 to \$5.50.

Sheep, Horses and Mules

Lamb prices fluctuated within a 15 to 25-cent range and closed strong compared with last week. Fat sheep ruled 25 to 40 cents higher. On the close good to choice lambs were quoted at \$12.75 to \$13.15, ewes \$7.50 to \$8.25 and wethers \$7.75 to \$8.75. Shorn lambs sold at \$11 to \$11.50.

An active demand was reported in mules at steady prices. Receipts were fairly liberal. Few horses were offered and they sold slowly. The following quotations are given at Kansas City: Draft horses weighing 1,500 to 1,700 pounds, \$100 to \$160; fair to good drafters, \$60 to \$100; good chunks, \$60 to \$125; medium chunks, \$50 to \$80; fancy drivers, \$100 to \$200.

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

Dairy and poultry products at Kan-

sas City this week are reported unchanged and firm. The following prices are quoted:

Butter—Creamery, extra, in cartons, 55½ to 57c; packing butter, 27c; No. 1 butterfat, 53c; No. 2 butterfat, 50c.

Eggs—Firsts, 35c a dozen; seconds, 25c; selected case lots, 44c.

Live Poultry—Hens, 20c a pound; broilers, 25c; springs, 18c; capons, 18 to 25c; roosters, 11c; turkey hens, and young toms, 21c; old toms, 16c; geese, 14c; ducks, 16c.

The Grain Market Outlook

All deliveries of corn closed in Chicago at the highest prices yet this season and so, likewise, did May and September oats, with wheat rallying as well. Enlarged buying of corn near the end of the week was chiefly responsible. Net gains were ¼c to 1c for corn and ¾c to ¾c for oats. Wheat closed firm, unchanged to ¾c to ½c higher. In provisions, the outcome varied from 5c decline to a rise of 2c.

Except for a short time at the start, corn and wheat showed a downward tendency, during the early trading. Predictions were current that an increased movement of corn would take place next week if weather and prices remained favorable. Country offerings of corn now, however, are very light, and there was a sudden change from bear sentiment after news got out that bids from here to four different states by one big firm had resulted in the purchase of only a single carload of corn. In connection with the remarkable upward swings of the corn market, it was explained that livestock feeders are paying high prices for corn in many sections, and that as a result the usual January and February accumulation of corn appear unlikely.

Late Quotations on Futures

The following quotations on grain futures are given at Kansas City:

May wheat, \$1.04¼; July wheat, \$1.07½; September wheat, \$1.06¾; May corn, 74c; July corn, 74½c; September corn, 75½c; May oats, 46½c; May rye, Chicago basis, 75½c; July rye, 75½c; on Chicago basis.

The following quotations on cotton futures are given at New York City:

January cotton, 33.90c; March cotton, 34.10c; May cotton, 34.20c; July cotton, 33.12c; October cotton, 27.97c; December cotton, 27.70c.

Cash wheat is quoted as follows in Kansas City:

Dark hard wheat, \$1.08 to \$1.24; hard wheat, 98c to \$1.23; red wheat, \$1.07 to \$1.15.

Other grains are quoted as follows:

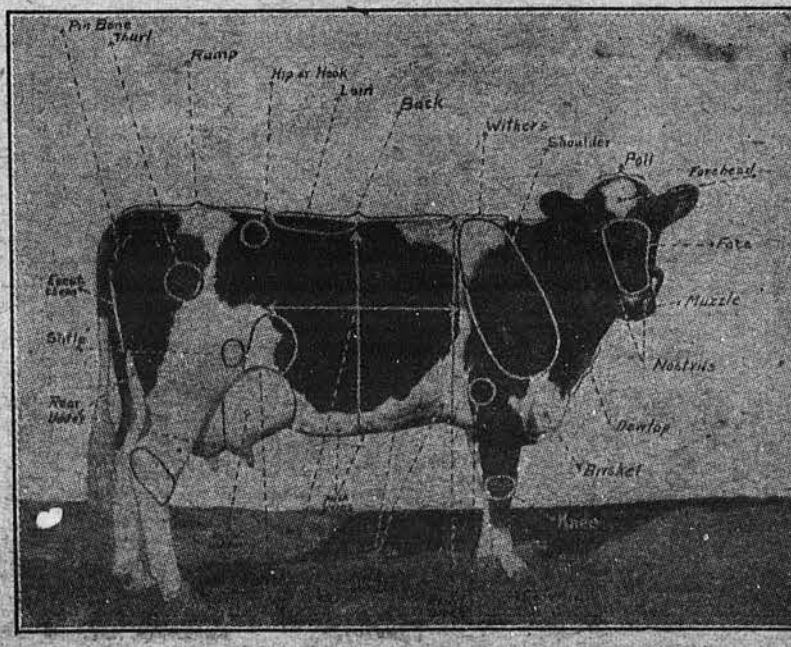
White corn, 70 to 75c; yellow corn, 70 to 75c; mixed corn, 67 to 71c; white oats, 45 to 47c; red oats, 49 to 62c; mixed oats, 46 to 54c; kafir, \$1.30 to \$1.33; milo, \$1.32 to \$1.35; rye, 65c.

Nothing will add more to the appearance of farm buildings than a coat of paint.

A Few Dairy Terms Explained

BY J. H. FRANDSEN

BOYS and girls who are just beginning the study of agriculture in the grades or in high school are often confused by the many new terms used in talking about livestock, cattle in particular. The chart below shows what the chief parts of a cow are called, and a little study of this outline will enable anyone to understand exactly what the instructor, or text-book, or judge, is talking about.



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\$1.50 per bottle at druggists or direct upon receipt of price. AS A VETERINARY LINIMENT Gombault's Balsam also is the remedy which years of use have proved effective and safe for most horse ailments. The Lawrence-Williams Co., Cleveland, Ohio.

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

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

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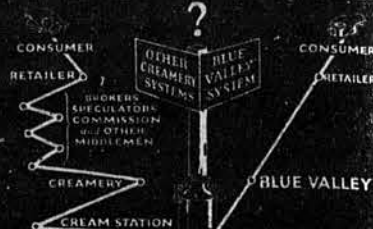


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Household Magazine, Dept. 66, Topeka, Kan.

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Poultry Edition
Jan. 26 Last Forms Close on January 19th

Dairy Hints For Farmers

Kansans Feed 575,000 Milk Cows That Average Annually 110 Pounds of Butterfat

BY J. H. FRANDSEN

KANSAS dairymen could adopt with profit the policy of Henry Ford in their operations. The keynote of his success is quantity production "per unit of machinery" and man power. According to statistics, Kansas farmers are feeding some 575,000 milk cows every day in the year from which the annual average is only about 110 pounds of butterfat.

The economic importance of having these cows produce three or four times that quantity is self-evident. It is quite possible to increase the average production for each cow by 100 per cent by the use of good, purebred bulls, and better feeding will do as much. One generation of better cows would increase the revenue of the farmers of the state something more than 20 million dollars.

In a state that produces alfalfa and corn as does Kansas the conditions are unusually favorable for dairying and we may expect some day to see Kansas among the leading dairy states, but the industry here is in its infancy. There is money in the creamery business but it is not matter to be rushed into blindly

or without a thorough knowledge of the subject and of local conditions. In Kansas conditions are wholly different from those in more intensive dairy sections where they have more creameries in a township than we have in our best dairy counties, but even in those sections they are finding that the small creameries are far from perfect.

As Kansas was one of the first states to adopt the hand separator, I predict that this state will be one of the leaders in establishing larger co-operative creamery units as a means of getting reduced costs of manufacturing and of marketing, together with more ability and efficiency. If the co-operative movement is worth while and of the right sort, there will be enough leaven in existing farm organizations to start the creamery project off in a good, healthy way without the aid of the fertile brain of the paid creamery promoter.

Kansas often has taken the lead in approving new agricultural practices. Why should she not be among the first to plan for better quality, lower costs and better cash returns?

How to Trap the Wary Mink

One Pelt is Reward for Many Long Tramps Along the Slippery Creek Banks

BY G. O. TEMPER

THE taking of animals in traps and snares is a fascinating sport as well as a profitable trade, and the practice is as old as man himself. It is not necessary to go into the wilds to trap the valuable fur bearers.

Mink fur is among the most valuable taken, becoming prime in November and beginning to fade in March. The animals are very shy and difficult to trap, but one prime skin will reward the trapper for many long tramps. The mink feeds on eggs, fish, frogs, mice, birds, rabbits and young chickens when he can get them.

The Best Trap to Use

The No. 1 or No. 1½ steel trap will be found most satisfactory for taking mink, the experienced trappers sometimes use a home-made deadfall with success. The advantage in using the larger size trap lies in the fact that a mink or a fox may be caught in one then set for a mink.

The web-jaw trap, which effectually prevents the trapped animal from pawing off a foot and making its escape is to be preferred over the regular style, and another great improvement is the "jump" trap.

It will be advisable to spy out in advance the territory over which you intend to trap, looking for signs, the direction of water courses, or preparing places to make sets. Possibly as many mink are taken in "blind" sets where bait is used.

A favorite place for making such sets is along a pond or brook where the animals go in search of frogs and fish. Find a place where a steep bank comes down to the water, leaving a narrow strip of ground at the water's edge. Scoop out a place just large enough to contain the trap, and when set place a piece of moss or other holding substance under the pan, and cover with a few muddy leaves.

If the mink is forced to take to shallow water for a few feet in traversing the shore, set the trap here, trusting the muddy water to hide it.

Good Locations for Sets

Mink like to pass thru a tile or a fallen log, and will cross a stream on a fallen tree or a log. Traps set at the ends of such places will camouflage and are likely to get several mink before the season is over.

Mink are likely to go poking about every hole under a bank or among the roots. If a freshly killed bird, a mouse or a chicken head is placed far in such cavities and a well concealed trap set at the opening, it is likely to catch the animal.

Chicken feathers and droppings from the hen roost make an attractive scent, and should be scattered over the ground where the trap is hidden. If traps are buried for a little while in hen manure before they are used, all odors that might be suspicious to the mink are destroyed in this way.

Some Attractive Baits

Sardines and canned salmon have proved to be attractive scent baits for the mink. One of the best scent baits is made by cutting up an eel or a fish into small pieces and letting it stand in an open jar in warm sunshine for a week. The foetid oil which rises to the top should be strained off and used.

When making a set in or near the water, it always will be best for the trapper to wade in at some distance from the set, and work from the water. Leave the ground looking natural after the trap has been placed, and throw water over anything the hands may have touched. All surplus mud after the trap has been scooped out should be thrown into the water.

Invest Safely and Profitably

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

The most prosperous agricultural communities today are those in which the dairy cow is the foundation of agriculture.

In planning winter and spring work reserve a few days for rounding up the machinery scattered about the farm.

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are used and approved by creamerymen, college and dairy authorities;—and have the longest record of use, as proved by the life of the thousands of machines in the "Oldest De Laval Users Contest," which averaged over 20 years.

In spite of the fact that the new De Laval is much improved, yet in terms of butter it costs much less. In 1913 it took 231 pounds of butter to pay for a popular-sized De Laval. Now it requires only about 188 pounds (average prices for years 1913 and 1923) to pay for the same machine—43 pounds or 18% less butter. In addition, the present-day De Laval is at least 20% better, having 10% more capacity, a bell speed-indicator, a self-centering bowl, and many other improvements and refinements.

There are many worn-out and inferior cream separators in use today, wasting enough cream to pay for a new De Laval in less than a year. If you are losing money in this way, stop it by getting a new De Laval. You can get one on such easy terms that it will pay for itself while you are using it. See your De Laval Agent or write us.

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No. 7 - 200 lbs. Capacity
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KANSAS FARMER JAN 18 1924

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Farmers Make Crop Plans

Secretary Wallace Suggests a Helpful and Sensible National Agricultural Program for 1924

COLD weather prevailed thruout the entire state all last week and during most of the present week. Last week was one of the coldest Kansas has experienced for several years, according to correspondents of the United States Weather Bureau. Below zero weather was frequent until Sunday morning and on January 5 readings of 20 to 24 degrees below zero were reported from the northcentral and northeastern counties, while even the southeastern parts of the state had temperatures from 6 to 10 degrees below zero.

Snow Blanket Protects Wheat

Fortunately for wheat, it was covered with snow in most sections of the state until after the cold spell had passed. From 1 inch to 3 inches of snow fell in the northern and western counties and this provided a good protection in those sections, except where high winds had blown it off fields. In some south-central and southeastern counties, where wheat was bare, it was frozen to the ground. While this will give it a setback it is not believed it will do it permanent injury, except so far as winter pasture is concerned.

At the opening of the present week from 3 to 6 inches more of snow fell which will afford considerable protection to alfalfa and wheat should there be any further extreme drops in temperatures.

Freezing weather has put a stop to plowing. Reporters say the ground is frozen to a greater depth than for several years and all agree that this is a favorable condition. Especially is this true of Southeastern Kansas. Hauling feed and attending to chores have been the main occupations of the week.

Improved prices on hogs have caused some increase in shipments to market. Sherman county reports a good demand for feeding hogs at prices above the Kansas City market. Fattening cattle are doing well. A shortage of roughage is reported in the southwest part of the state.

Corn is being shipped into eastern counties and sells at from 70 to 76 cents in carload lots. The market in Western Kansas ranges from 45 to 50 cents. Some wheat is still being moved. Several communities report the entire crop is now marketed.

Checking Up Farm Records

During the recent cold weather farmers have been checking up their records and counting up the returns for 1923. In some cases the results have been disappointing, while in other cases they have been somewhat encouraging. Commenting in this connection Secretary Henry Wallace of the United States Department of Agriculture says:

"The industry, courage and faith evidenced by the farmers of the Nation during the last three years are slowly bringing their reward. Improvement in agricultural conditions continues—not as rapidly as desired or needed, nor as rapidly as deserved, but nevertheless it continues. The promise of the year has been fulfilled.

"Considering money return we find that the values of most crops are greater than in 1922. The total value of all crops is 12 per cent greater. The values of the wheat, rye, rice, clover seed, cranberry, peach and pear crops are below 1922; in the case of wheat

11 per cent below. The values of all other important crops are greater.

"It is difficult to measure the productive value of livestock during the year, dependent as it is upon crops marketed in that form. In general, it has been a prosperous year for sheep men, fairly good for dairymen, less satisfactory for producers of hogs, and discouraging for growers of range cattle. Cattle feeders, however, have done very well on the whole.

"There are discouraging conditions still to be overcome. There is the burden of debt. There are heavy taxes to be met. The cost of production and of what the farmers buy remains high. Farmers in the spring wheat territory especially are in sore straits from conditions largely beyond their control.

"Experience gained during these years of depression, however, together with progress already made, warrant a hopeful attitude for 1924. Gradually crop acreage is being better adjusted. The domestic market continues strong. The children keep coming, and that means a steadily increasing number of mouths to be fed. Those who stay by the farm and do good farming can look forward to better times as a reward for their years of toil and hardship. Those whose businesses depend directly upon farm purchases can find decided encouragement in the growing gross income of the farmer, for he will buy as his income expands.

"The year 1924 opens with the promise of continued improvement in the material prosperity of the farmer, and the farmer continues to be the material and spiritual backbone of the Nation.

National Agricultural Program

"If we should undertake to suggest a National agricultural program for the years 1924-25, it would include at least the following subjects as requiring attention:

"First, good farming with all those words imply; the use of good seed, good cultural methods, good livestock, good care and feeding, economy of operation, and everything else that goes with really good farming.

"Second, which is really included in the first, good farm management; wise selection of the crops to be grown, and of the livestock; adaptation to soil and climate; the best adjustment of acreage to conditions both on the farm and off; proper fitting of crops for market; and everything which ought to go with good farm management.

"Third, making available to the farmer thru Government and state agencies information which he cannot secure for himself but which he needs to enable him to produce efficiently and intelligently and to market to the best advantage. For example, knowledge concerning the control of plant and animal diseases and insect pests; conditions at home and abroad which may influence demand for and prices of crops grown, such as probably production at home and in competing countries, business conditions, trade arrangements. In short, exactly the same kind of information the business man wants to know concerning probable markets for his products.

New Farm Credit Facilities

"Fourth, how best to speed up the dissemination of knowledge concerning the new credit facilities provided by the Federal Government, not for the

purpose of encouraging the farmer to go deeper in debt but to help him get out by obtaining lower interest rates for what he must borrow and by refunding his short term obligations for longer periods thru which he may have a fair chance to work out.

"Fifth, such reduction in freight rates as may be possible and still maintain good transportation service.

"Sixth, how the Government might effectively help the farmer bridge over this period of stress, which would include consideration of the various suggestions for disposition of surplus over and above domestic requirements in such a way as to bring up the domestic price to more nearly its normal purchasing value.

Government Price Fixing

"Many other subjects might properly be included in the consideration of a two-year national agricultural program, but the foregoing are perhaps of most pressing importance, and with the exception of the last two probably will be included by common consent. Discussion of such a program would immediately center around any suggestion of Government activity. One group for two years past has insistently demanded Government action to the extent of fixing arbitrary prices upon important farm commodities.

"Another group has denounced such proposals as highly immoral and suggestive of paternalism and class legislation in the worst form. A third group recognizes the need of more equitable prices for farm production and concedes the propriety of Government action, but wishes to be assured that any action taken will do more good than harm. This latter group sees the folly of arbitrary price-fixing but is disposed to favor any arrangement which might accomplish the same purpose without making worse a condition which is already bad enough."

Kansas County Farm Conditions

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

Atchison—Wheat ground is covered with a thin blanket of snow and the weather has been below zero much of the time. Cattle are being pastured on stalk fields. Very few hogs are being slaughtered now. Rural market report: Hogs, \$5.75; chickens, 14¢; wheat, \$1; oats, 32¢; corn, 55¢; potatoes, \$1. —Frank Lewis.

Barber—We have had seven days of zero weather which is unusual for this country. Very little snow has fallen. Livestock is doing well, but rough feed is scarce and selling high. Wheat pasture is short, as the cold weather does not let it grow. About all the farmers are able to do is to chore and gather wood for the summer. Very few hogs are being raised, and at the present price no one is interested in them. —Homer Hastings.

Butler—Wheat is in a very satisfactory condition. A good many cattle and hogs are going to market. Corn and seed oats are being shipped here. There is very little demand for farm labor. Many farmers are getting up wood. Not many public sales are being held at present. Rural market report: Corn, 75¢; oats, 50¢; wheat \$1.25 cream, 50¢. —Aaron Thomas.

Cherokee—We are having cold, cloudy weather, 7 degrees above zero being our coldest. Roads have been very rough. Farmers are buying feed here. Livestock is in satisfactory condition. Rural market report: Bran, \$1.40 a cwt.; mixed feed, \$1.90 a cwt.; corn, 75¢; oats 50¢; baled hay \$12 to \$17 a ton; butterfat, 53¢; eggs, 35¢. —L. Smyre.

Clay—Cold weather and some snow came the first week in January and gave us a real touch of winter. On January 4 it was 22 below zero but no livestock was lost. Public sales are numerous. Many wheat fields are destroyed by the Hessian fly. Few farms are being sold. Rural market report: Wheat, 94¢; corn, 60¢; hogs, 87¢; poultry, 16¢; butterfat, 50¢; eggs, 30¢. —P. R. Farislund.

Ellis—We are having zero weather now. The first blizzard of the winter came December 29, followed by a little snow. Farmers are starting to put in their summer supply of ice. Ice is 6 1/2 to 8 inches thick. This cold weather is hard on livestock. Rural market report: Corn, 50¢; wheat, 90¢; barley, 40¢; shorts, \$1.65; bran, \$1.60; pork, 16¢; hogs, 13¢; butterfat, 48¢; and eggs, 30¢. —C. F. Erbert.

Franklin—A full week of cold weather caused much uneasiness about feed for stock but the week at hand has moderated and is not requiring undue feed. Corn is practically all husked with yield fairly satisfactory. Cattle are selling far too low to make a profit to the producer. The spring pig crop will be greatly reduced. —E. D. Gillette.

Geary—A cold wave and blizzard reached here last Saturday night a week ago, with snow and zero weather. Livestock is suffering some on account of sudden changes. Rough feed is plentiful. There are not many public sales. Stock sells well. Rural market report: Corn, 80¢ to 85¢; wheat, 90¢; oats, 44¢; hogs \$8. —O. R. Strauss.

Jewell—The weather last week was extremely cold, with reports of from 10 to 15 degrees below zero. Three inches of snow fell on New Year's Day, but it did not blow so there is a fine blanket of snow over the wheat. Farmers are busy putting up ice. It is about 10 inches thick in most places. A great many public sales are being held and prices are not satisfactory for most things sold. —U. S. Gooding.

Kingman—A severe blizzard struck here December 30, the worst we have had here for several years. It is hard on late snow. (Continued on Page 25)

CHEYENNE	0.63	RAWLINS	0.35	DECATUR	0.24	NORTON	0.50	PHILLIPS	0.54	SMITH	0.58	JEWELL	0.50	REPUBLIC	0.26	WASHINGTON	0.43	MARSHALL	0.33	WENAWA	0.37	BROWN	0.14	POWELL	0.35
SHERMAN	0.89	THOMAS	0.77	SHERIDAN	REPORT	GRAHAM	0.38	ROOKS	0.73	OSBORNE	0.58	MITCHELL	0.27	CLOUD	0.17	CLAY	0.10	POTAWATOMIE	0.11	JACKSON	0.23	WAGONER	0.31	WYANDOTT	0.12
WALLACE	0.90	LOGAN	0.20	COVE	0.63	TREGO	0.54	ELLIS	0.37	RUSSELL	0.45	ELLSWORTH	0.39	SALINE	REPORT	PROCTOR	0.35	GEARY	0.33	WAGONER	0.13	OSAGE	0.36	FRANKLIN	1.00
GREELY	1.16	WICHITA	REPORT	SCOTT	0.69	LANE	0.53	NESS	REPORT	RUSH	0.32	BARTON	0.77	RICE	0.50	WAGONER	REPORT	MORRIS	0.33	LYON	0.85	COFFEY	1.04	OSAGE	0.91
HAMILTON	0.45	WYANDOTT	REPORT	FINNEY	REPORT	HODGEMAN	0.61	PAWNEE	0.36	STANTON	0.50	RENO	0.43	HARVEY	0.20	BUTLER	0.67	GREENWOOD	0.38	WAGONER	0.59	ALLEN	0.59	WAGONER	2.65
STANTON	0.20	GRANT	0.22	MASKELL	0.62	GRAY	0.30	FORD	0.48	KIOWA	0.56	PRATT	0.65	KINGMAN	0.60	SENGWICK	0.67	ELK	1.56	WILSON	1.54	MEDFORD	3.24	WAGONER	3.24
NORTON	1.15	STEVENS	0.61	SEWARD	0.74	MEADE	REPORT	CLARK	0.39	COMANCHE	REPORT	BARBER	0.41	HARPER	1.07	SUMNER	1.14	COWLEY	1.57	CHATHAM	1.38	WAGONER	2.26	WAGONER	3.20

Chart Prepared by S. D. Flora, U. S. Meteorologist at Topeka, Showing the Amount of Precipitation That Fell in Each County of Kansas in December

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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.

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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

GOOD COMMISSION, BIG BUSINESS, GIVE reference. Box 15, Eshon, Kan.
RUMMAGE SALES MAKE \$50.00 DAILY. We start you. Representatives wanted everywhere. Wholesale Distributors, Dept. 101, 609 Division Street, Chicago.
WE PAY \$200 MONTHLY SALARY, FURNISH car and expenses to introduce our guaranteed poultry and stock products. Bigler Company, X671, Springfield, Ill.

SALESMEN WANTED

TO SELL HIGH GRADE NURSERY STOCK. Good references must be furnished. Make application to Wichita Nurseries & Seed House, Box B, Wichita, Kan.

MALE HELP WANTED

MEN—AGE 18-40, WANTING RAILWAY Station office positions \$115-\$250 month. Free transportation, experience unnecessary. Write Baker, Supt. 83, Wainwright, St. Louis.

EDUCATIONAL

RAILWAY MAIL CLERKS \$133 MONTH. Men 18 up. Particulars free. Franklin Institute, Dept. G15, Rochester, N. Y.

BUSINESS OPPORTUNITIES

THE RAPID GROWTH OF THE CAPPER Publications has made it necessary to add a large number of salesmen and saleswomen to our subscription department immediately. Choice positions open throughout the Central Western states for reliable people who are in position to do house to house soliciting. For full particulars write The Capper Publications, Desk 300, 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.

PATENT ATTORNEYS

PATENTS, BOOKLET AND ADVICE FREE. Watson E. Coleman, Patent Lawyer, 644 G Street, N. W., Washington, D. C.
MILLIONS SPENT ANNUALLY FOR ideas! Hundreds now wanted! Patent lawyers and profit! Write today for free book—tell how to protect yourself, how to invent, ideas wanted, how we help you sell, etc. American Industries, Inc., 402 Kresge Bldg., Washington, D. C.
PATENTS PROCURED. SEND SKETCH OR model today for examination, prompt report and advice. No charge for preliminary advice. Write for free booklet and blank form on which to disclose your idea. Highest references. Promptness assured. Clarence A. O'Brien, Registered Patent Lawyer, 150-C Security Bank Building, directly across the street from Patent office, Washington, D. C.

TYPEWRITERS

TYPEWRITERS SOLD ON PAYMENTS. Free trial, Payne Company, Rosedale, Kan.

FOR THE TABLE

CLEANED COLORADO WHITE BEANS, \$5.75 per hundred. Haynes & Snyder, Canon, Colo.
FINEST LARGE OREGON PRUNES DI- rect: 100 lbs. prepaid \$11.90; special 12 1/2 sample, prepaid, \$1.90. Kingwood Orchards, Salem, Oregon.

MOTOR SUPPLIES

V. S. MOTOR AND TRACTOR OILS will save you money. A. V. Small, Augusta, Kan.

SEEDS—PLANTS—NURSERY STOCK

TIMOTHY SEED \$2.50 PER BUSHEL AND up. D. O. Gifford, Burlington, Kan.

WRITE PRYTON NURSERIES, BOONE- ville, Mo., for catalog, or agents' terms.

SEED CORN, KANOTA OATS, LAPTAD Stock Farm, Lawrence, Kan. Order early.

WHITE SWEET CLOVER, FARMER'S prices. Information. John Lewis, Virgil, Kan.

SWEET CLOVER: WHITE BLOOM, HIGH grade seed. Sample. Geo. B. Moore, Winfield, Kan.

SEED SWEET POTATOES, 16 VARIETIES. Write for catalog. Johnson Bros., Wamego, Kan.

SWEET CLOVER WANTED. ANY QUAN- tity. Cash before shipping. Box 42, Hilltop, Kan.

GOLDMINE SEED CORN, PRICE \$2 PER bushel. Samples free. J. F. Feigley, Enterprise, Kan.

STRAWBERRY PLANTS, 1,000, \$3; 5,000, \$13.75; 10,000, \$25. List free. J. Sterling, Judsonia, Ark.

600 BUSHELS WHITE SEED CORN, SU- dan and Can seed. All certified. Frank J. Vrbas, Beardsley, Kan.

FOR SALE: SWEET CLOVER AND AL- falfa hay. P. Ludvickson & Co., Severy, Kan.

CERTIFIED KANOTA OATS, TEN BUSH- els extra. Recleaned \$1.25 per bushel. Smut-treated \$1.35. Taylor & Sons, Chapman, Kan.

SEED CORN, A LIMITED AMOUNT OF 1922 Reid's Yellow Dent, Silver Mine and Blair White Seed Corn. Aye Bros., Blair, Neb., Box 5.

PURE KANSAS ORANGE CANE AND Kanota oats; certified seed. Write for samples and photographs. Stants Brothers, Abilene, Kan.

RASPBERRIES AND STRAWBERRIES often produce \$500 to \$2,000 per acre. Order plants now. Circular free. James Whitte, Rulo, Neb.

KANOTA OATS, STATE INSPECTED, cleaned, \$1. Pride of Saline, Shawnee White, Reid's Yellow Dent Corn, \$2. Harry Haynes, Grantville, Kan.

KANOTA OATS \$1.00. PRIDE OF SALINE, Freed's White Dent and Kansas Sunflower corn \$2.50 per bushel. All seed certified. Bruce S. Wilson, Keats, Kan.

CERTIFIED, CLEANED, SMUT TREATED Kanota Oats ninety cents bushel sacked. Choice Timothy seed eight cents pound sacked. Chas. Wuester, Beattie, Kan.

KANOTA OATS, CERTIFIED, GERMINA- tion 98%. Dwarf Yellow Milo, germination 97%. Certificates and samples furnished. F. L. Blaesl & Son, Abilene, Kan.

NURSERY STOCK, QUALITY TREES AND plants at new reduced prices. Send for spring price list with special collection of offers. Greenwood County Nursery Co., Eureka, Kan.

MAKE UP A LIST OF FRUIT TREES, flower and garden seeds wanted for spring planting. My low prices will surprise you. Write for free catalog. A. S. Kyne, Clay Center, Nebraska.

IMPROVED BLACKHULL KAFIR CORN seed. Homegrown seed, cleaned and tested, 2c a pound. Department of Vocational Agriculture, Wakefield Rural High School, Wakefield, Kan.

PURE PEDIGREED GOVERNMENT EN- dorsed Home Illinois Farm Grown Broom Corn Seed, all varieties. Write Fanning Broom Corn Seed Co., Main Floor Fanning Block, Oakland, Ill.

SEEDLING CEDARS, \$2 HUNDRED. Large White Blossomed scarified Sweet Clover seed, \$8.50 per bushel. Pedigreed Everbearing Strawberry plants, \$2 hundred. Pawnee Rock Nursery, Pawnee Rock, Kan.

RED CLOVER \$10.00; SWEET CLOVER \$7.00; Alfalfa \$7.50; Alsike \$8.00; Timothy \$3.50; Sudan Grass \$3.50 per bushel sacked. Test 96 per cent. Samples free. Standard Seed Co., 109 E. 5th, Kansas City, Mo.

HARDY FIELD GROWN—PERENNIALS, bulbs, roses, shrubbery, vines, peonies, iris, hedges. Strawberry, flower, garden, vegetable plants. Asparagus, rhubarb roots. Delivered prepaid. Send for catalog. Weaver Gardens, Wichita, Kan.

TWELVE WELCH'S CONCORD GRAPE vines 2 years \$1. 36 one year \$2. 25 Rhubarb \$1. 100 Asparagus \$1. 200 Dunlap Strawberry plants \$1. Prepaid. Write for our new special list, "Truth well told." Welch Nursery, Shenandoah, Iowa.

PURE CERTIFIED SEED OF KANOTA Oats, Sudan grass and several varieties of seed corn, soybeans, kafir and sorgho adapted to the Southwest. For list of growers write S. C. Salmon, Secretary, Kansas Crop Improvement Association, Manhattan, Kan.

STRAWBERRY PLANTS, COMMON VA- rieties. Everbearing strawberry plants, leading varieties, Raspberry, Blackberry, Dewberry, Gooseberry plants, Asparagus, Horseradish, Dahlias, Peonies, etc. Catalog free. It will interest you. F. W. Dixon, Holton, Kan.

STRAWBERRY PLANTS: MITCHELL'S Early Klondike, Lady Thompson, Senator Dunlap, postpaid 100-500, \$20-\$30, \$3.50, 10,000, express collect, \$25-\$30, 10c per 100 extra. All are fine plants from new beds on new land. Satisfaction guaranteed. Ozark Nursery, Tahlequah, Okla.

QUALITY TREES AND PURE SEEDS FOR spring planting; marked reductions in fruit trees and small fruits for year 1924; selling direct to you at wholesale prices; offering free premiums; select seeds at low prices. Send today for our free catalogs and price lists containing valuable information. Wichita Nurseries and Seed House, Box B, Wichita, Kan.

SERVICES OFFERED

PLEATING, ALL KINDS, HEMSTITCHING. First class work, prompt service. Mrs. M. J. Mercer, 800 Topeka Blvd., Topeka, Kan.

HONEY FOR SALE

FINEST KANSAS HONEY, 6 FIVE LB. pails \$4.60. A. V. Small, Augusta, Kan.

WHITE EXTRACT HONEY, 120 LBS., \$13; 60 lbs., \$7. Light amber, two cans \$12; one, \$6.50. T. C. Velra, Olathe, Colo.

FANCY EXTRACTED HONEY, ONE 60- pound can \$7.50; two \$14.50; 6 five pound pails \$4.40, here. Nelson Overbaugh, Frankfort, Kan.

FINEST LIGHT EXTRACTED HONEY. Something really superior, at regular prices; two 60-pound cans \$14; one \$7.50; 28-lb. can \$3.75, here. Frank H. Drexel & Sons, Crawford, Colo.

TOBACCO

TOBACCO—FINE YELLOW MAMMOTH chewing, 10 lbs., \$3. Smoking, 10 lbs., \$2; 20 lbs., \$3.75. Farmers' Club, Mayfield, Ky.

NATURAL LEAF TOBACCO, CHEWING 5 lbs., \$1.75; 10 lbs., \$3. Smoking 5 lbs., \$1.25; 10 lbs., \$2. United Farmers, Mayfield, Ky.

HOMESPUN TOBACCO, CHEWING 5 LBS. \$1.75; ten \$3. Smoking, 5 lbs \$1.25; ten \$2. Pay when received. Pipe and recipe free. Farmers' Union, Paducah, Ky.

LEAF TOBACCO: CHEWING, FIVE pounds \$1.75; ten \$3. Smoking five pounds \$1.25; ten \$2. Pipe and recipe free. Pay when received. Co-operative Farmers, Paducah, Ky.

HOMESPUN TOBACCO: CHOICE CHEW- ing, 35c pound; medium, 30c. Choice smoking, 25c; mild, 20c. Kentucky Burley smoking, 40c pound. Pipe free. Send no money. F. Gupton, Cunningham, Ky.

HOMESPUN TOBACCO, FIVE POUNDS chewing, \$1.75; ten, \$3; twenty, \$5.25. Smoking, five pounds, \$1.25; ten, \$2; twenty, \$3.50. Pipe and recipe free. Send no money. Pay when received. Kentucky Tobacco Company, Paducah, Ky.

TOBACCO—NATURAL LEAF, 3 YEARS old. Chewing, 10 pounds \$3. Smoking, first grade \$2.50; second grade \$1.50; third grade \$1. Pay for tobacco and postage when received. Pipe free. Roberts & Williams, Hawesville, Kentucky.

TO PROVE THAT OUR TOBACCO IS BET- ter than any other you can buy, we will sell 3-pound package of mild smoking (value \$1.25), prepaid by mail for only \$1.00 or C. O. D. \$1.15 and give you a \$1.00 Wellington French Briar pipe free. Satisfaction guaranteed or money refunded. Kentucky Tobacco Co., Dept. 57, Owensboro, Ky.

KODAK FINISHING

FILM ROLLS DEVELOPED FREE. TRIAL order. Send 25c for 6 beautiful Glossotype prints or reprints. Fast service. Day Night Studio, Sedalia, Mo.

MISCELLANEOUS

BLUE AMBEROLA CYLINDER RECORDS 20c. Stamp brings catalogue. National Record Exchange, Wichita, Kan.

BUY LUMBER, BUILDING MATERIAL and bale ties wholesale direct consumer. McKee-Fleming Lbr. & Material Co., Emporia, Kan.

AUTOMOBILE OWNERS, GARAGEMEN, mechanics, send for free copy America's popular motor magazine. Contains helpful, money-saving articles on repairing, overhauling, ignition, carburetors, batteries, etc. Automobile Digest, 622 Butler Bldg., Cincinnati.

STRAYED NOTICE

TAKEN UP BY D. C. BUTCHER OF Bethel, Kansas, on December 31, 1923, one black and white heifer with horns, left ear split, weight 600 pounds, value \$25. William Beggs, County Clerk, Kansas City, Kan.

TAKEN UP BY J. H. MCGINNIS OF FALL River, Greenwood County, Kan., November 7, 1923, one red Jersey steer calf, age about 22 months, weight about 400 pounds, value \$15.00. W. M. Graham, Justice of the Peace, Fall River, Kan.

DOGS

FOR SALE: LARGE WOLF HOUND. Homer Mitchell, Council Grove, Kan.

COLLIES, ENGLISH SHEPHERD PUPPIES. E. A. Ricketts, Route 3, Kincaid, Kan.

CHOICE COLLIE PUPS, NATURAL HEEL- ers. Maxmeadow Kennels, Clay Center, Neb.

FOR SALE: POLICE COLLIE PUP. PHO- tos on request. W. Jackson, Osage City, Kan.

TWO FEMALE FOXHOUNDS; ALSO PED- igreed Alredales. Lewis Bauer, Lawrence, Kan.

PURE BRED SETTER AND FOX TERR- er puppies. Quick sale price \$5. John Wilson, Kincaid, Kan.

WHITE COLLIE AND ENGLISH SHEP- herd puppies. Would exchange for large sized incubator. H. W. Chestnut, Chanute, Kan.

GERMAN SHEPHERD; AIREDALES; COL- lies. Old English Shepherd dogs; puppies. 10c illustrated instructive list. W. R. Watson, Box 31, Macon, Mo.

WANTED: 50 WHITE ESQUIMO-SPITZ puppies every week. Also a few Fox Terriers, Alredales and Collies. Canaries in any quantities. Brookway Kennels, Baldwin, Kan.

Don't Forget

to send your remittance with your order, otherwise your advertisement is likely to start a week late. A handy table of costs will be found at the top of first classified page.

MACHINERY FOR SALE OR TRADE

FOR SALE: GOOD 25-45 TWIN CITY Tractor, 32x54 Case Separator. J. F. Harris, Dodge City, Kan.

KMO SPEED WAGON, 1920 MODEL, FINE condition, for Holstein cattle. Terms to right party. Omer DaMetz, Harlan, Kan.

FOR SALE: SLIGHTLY USED, A 25-50 and 30-60 tractor. Reasonable terms. R. B. Lyman, 1323 Hickory St., Kansas City, Mo.

FOR SALE: 30-60 OIL PULL TRACTOR in good shape, run about ninety days; sold at a bargain if taken soon. Fred Frantz, Durham, Kan.

FOR SALE: GOOD 20 HORSE POWER steam engine and 36x60 separator in excellent condition. Reasonable terms. W. W. Moore, 1323 Hickory St., Kansas City, Mo.

POULTRY

Poultry Advertisers: Be sure to state on your order the heading under which you want your advertisement run. We cannot be responsible for correct classification of ads containing more than one product unless the classification is stated on order.

ANCONAS

EXTRA GOOD ANCONA COCKERELS, \$2 to \$5. Satisfaction guaranteed. Special price on 6 or more. Julia Ditto, Route 7, Newton, Kan.

LARGE DARK COCKERELS, BRED FROM stock direct from Sheppard and imported from England. Best laying strain. Price \$2 each. Satisfaction guaranteed. Shem Yoder, Yoder, Kan.

SINGLE COMB ANCONA CHICKS, \$15 PER 100. Sheppard's 333 direct strain. Flock culled semi-annually by Judge Scott. Ten extra chicks with each 100 ordered before March 1. Write for prices on eggs and chicks from special pen. Jno. R. Baker, Downs, Kan. Member both clubs.

BRAHMAS

MAMMOTH LIGHT BRAHMA COCKER- els \$2.50; pullets \$2.00. B. B. Krehbiel, Moundridge, Kan.

CHOICE LIGHT BRAHMA COCKERELS, \$1.80 each, if taken soon. Earnest Chaffin, Route 1, Severy, Kan.

BLACK JERSEY GIANTS

JERSEY BLACK GIANTS, SUPER FARM fowl. Size, pep, layers. For eggs write Mrs. S. A. Bassett, Homewood, Kan.

BABY CHICKS

CHICKS, SELECTED STOCK, 7c AND UP. Warren's Chickery, Mankato, Kan.

CHICKS, 11 BREEDS, SPECIAL PRICES. Circular free. James Wiltse, Rulo, Neb.

BABY CHICKS: BOOKING ORDERS NOW. Mrs. George Myers, Route 1, Topeka, Kan.

BABY CHICKS, SEVEN VARIETIES. Free catalog. Capper's Hatchery, Elgin, Iowa.

CHICKS—THIRTEEN BREEDS, PRICE list free. Hamilton's Hatchery, Garnett, Kan.

CHIX. HIGHEST QUALITY, LOWEST prices. Quality Poultry Farm, Box 203, Windsor, Mo.

PLEASE SEND FOR CATALOG S. C. RED baby chicks. Crimson Quill Yards, Burlingame, Kan.

QUALITY CHICKS. ELEVEN VARIETIES. Prices reasonable. Catalog free. Boyce Hatchery, Holton, Kan.

CHICKS, LEADING VARIETIES, OUR BIG illustrated chick book free. Comfort Hatchery, Box 715, Windsor, Mo.

PURE BRED QUALITY CHICKS, TEN varieties. February delivery. Jenkins Poultry Farm, Jewell, Kan.

PURE BRED CHICKS, LEADING VARI- eties. Catalog free, 9c up. Brewer Hatchery, Minneapolis, Kan.

BUY YOUR QUALITY CHICKS FROM A poultry judge. Illustrated catalog free. Smiley's Hatchery, Seward, Neb.

CHICKS, REDS, WYANDOTTES, LEG- horns. High quality, reasonable prices. Clay Center Hatchery, Clay Center, Kan.

BABY CHICKS, LEADING VARIETIES, laying strains. Live delivery, postage paid. Ferguson Hatchery, Barclay, Kan.

BABY CHICKS, SEND FOR OUR VALU- able free chick book and exceptional 1924 prices. Rusk Brothers, Box 107, Windsor, Mo.

BABY CHICKS: WHITE LEGHORNS, AN- conas, Barred Rocks. Low prices. Catalog. Oak Dale Hatchery, Box K, Le Roy, Minn.

QUALITY CHICKS. SINGLE COMB WHITE and Buff Leghorns, Wyandottes, Rocks and Reds. The Queen Hatchery, Clay Center, Kan.

YOUNKIN'S CHICKS. GET OUR 1924 prices on Rocks, Reds, Leghorns and Anconas. Catalog. Younklin's Hatchery, Wakefield, Kan.

CHICKS, LEADING VARIETIES, BEST laying strains. Lowest prices for early booked orders. Circular free. Ideal Hatchery, Eskridge, Kan.

BABY CHICKS, IMMEDIATE DELIVERY, 100, \$12 up. Barred Rocks, Reds, White Leghorns, heavy crossed breeds. Cochran, 3149 Sutton, Maplewood, Mo.

PURE BUFF ORPINGTON BABY CHICKS from selected pullets mated to prize winning cocks. Oak Hill Poultry Farm, D. E. Graham, Manager, Manhattan, Kan.

BABY CHICKS, DUCKLINGS, 100% LIVE arrival guaranteed, prepaid. Exhibition heavy laying strains. Free catalog. Heid Poultry Farms, Dept. G, St. Louis, Mo.

BABY CHICKS: LEGHORNS, MINORCAS, Anconas, Rocks, Reds. All pure bred high egg producing strains. Write for catalog. Brunsvold Hatchery, Northwood, Iowa.

QUALITY CHICKS FROM ACCREDITED free range flocks. Fourteen standard varieties, 100% live delivery. Catalogue free. Box K, R. V. Hatcheries, McCook, Neb.

QUALITY BABY CHICKS FROM CARE- fully selected heavy laying stock. Anconas, White and Barred Rocks, White Orpingtons, White Wyandottes. Satisfaction or money refunded. Catalog free. Ancona Hatchery, Abilene, Kan.

BABY CHICKS

PEPPY NORTHERN BABY CHICKS AND ducklings. Lowest prices to those who order ahead. Write today for circular. Chicken Little Hatchery, Lincoln, Neb.

SUPER PURE BRED CHICKS. LEADING varieties. Special discount on early orders. Stock and eggs. Catalog free. Union Poultry Co., Box L, La Porte City, Iowa.

BABY CHICKS—QUALITY BRED; LEADING varieties; best high egg record strains; reasonable prices; postpaid; 100% live arrival; catalog. Calhoun's Poultry Farm, Montrose, Mo.

SINGLE COMB WHITE LEGHORN CHICKS exclusively. Best Leghorns hatched in Kansas. Write for circular. Order now for spring delivery. Myers Hatchery, Clay Center, Kan.

CHICKS. ALL BREEDS. PURE BRED, certified, heavy egg production. 100% live delivery. Popular prices. Free 60 page poultry calendar book. Elwood Pusey, East Liverpool, Ohio.

BABY CHICKS FROM HEAVY LAYING strains. All leading pure breeds. Low prices. Prepaid. Live delivery guaranteed. Catalog free. Smith Bros. Hatcheries, Mexico, Mo.

BABY CHICKS 10 TO 18. 16 LEADING varieties. Carefully selected, pure bred. Bred and tested for heavy laying. Satisfaction guaranteed. Steinhoff Hatchery, Osage City, Kan.

CHICKS: WYANDOTTES, ORPINGTONS, Reds, Rocks; pure bred, culled, tested flocks. 100% live delivery. 10th year. Bank reference. Mrs. D. H. Miller, Box 4B, Des Moines, Iowa.

SUPER-QUALITY SPRING CHICKS FROM tubercular tested vaccinated flocks. Eight popular breeds. Low prices. Free descriptive catalog. White Feather Hatchery, Box B, Fairmount, Minn.

BABY CHICKS. STANDARD BRED-TO-LAY, White Wyandottes and White Rocks. Reasonable prices, prepaid, live delivery guaranteed. Culbertson's Poultry Farm, Ottawa, Kan., Route 8.

BABY CHICKS: ROCKS, REDS, ORPINGTONS, Wyandottes, Leghorns. Orders filled year round. Large breeds 14c, small 12c. Postpaid. Ivy Vine Hatchery, Floyd Bozarth, Manager, Maple Hill, Kan.

BABY CHICKS. 10 LEADING VARIETIES from heavy laying strains. Live delivery postpaid. Free chicks with early orders. Get our low prices. Miller-Matlock Hatchery, Box 821, Kirksville, Mo.

BABY CHICKS OF QUALITY. HEAVY laying strains. Blue ribbon winners. 100% live arrival. Prepaid. Satisfaction guaranteed. Write for catalog. Loup Valley Hatchery, Box 98, St. Paul, Neb.

STERLING QUALITY CHICKS. OUR MATINGS this year are superb. The quality of stock has won a place in the hearts of our many patrons. Write for new catalog and prices. P. F. Clardy, Ethel, Mo.

BABY CHICKS—HATCHING EGGS. FIFTEEN standard breeds all tested winter laying range flocks. Highest quality, reasonable prices. Free price list. Bartlett Poultry Farms, R. 5, Dept. D, Wichita, Kan.

BABY CHICKS: LEADING VARIETIES. All standard bred from bred to lay flocks. Low prices. Full live delivery guaranteed, prepaid. Write for catalog and prices. Hiawatha Hatchery, Dept. K, Hiawatha, Kan.

BABY CHICKS. 20 LEADING VARIETIES hatched from heavy laying strains. Live delivery guaranteed anywhere in the U. S. Lowest prices ever offered. Write for catalog and price list. Miller Hatcheries, Box 611, Lancaster, Mo.

STANDARD BRED CHICKS FROM HEAVY laying inspected flocks, will make you money and please you. Reds, Plymouth Rocks, Leghorns, Wyandottes, Orpingtons, Anconas. Catalog free. It will save you money. Thirty years in business. Write today. Baker Hatchery, Box K, Abilene, Kan.

HUBER'S QUALITY CHICKS. PURE BRED from selected healthy stock. Leghorns, Rocks, Rhode Island Reds, Orpingtons, Wyandottes. Postage paid. Live arrival guaranteed. Member of Midwest Baby Chick Association. Big illustrated catalog free. Twelfth season. Dept. A, Huber's Reliable Hatchery, Hiawatha, Kan.

REILING'S HIGH GRADE CHICKS ARE noted for their quick maturity and early laying qualities. Hatched from tested layers, pure bred, healthy and vigorous. Fourteen best paying varieties. 15,000 hatched and shipped daily. Satisfied customers from coast to coast. Big annual catalog mailed free. Lawton A. Reiling, Box 77, Bellevue, Iowa.

ROSS CHIX—350,000 STRONG, VIGOROUS. All flocks Hogan tested. Anconas, Leghorns, White, Buff and Barred Rocks, S. C. and R. C. Reds, White and Buff Wyandottes, Buff Orpingtons. Hatched in greatest incubator system in world. Impossible to overheat eggs. Prepaid. Live delivery guaranteed. Write for prices and catalog. Ross Hatchery, Dept. B, Junction City, Kan.

PERFECT QUALITY BABY CHICKS: 12,000 weekly, from pure bred, heavy producing free range flocks. Barron strain English White Single Comb, Buff and Single Comb Brown Leghorns; Barred, Buff and White Rocks, White Wyandottes, Rose and Single Comb Reds, Rose Comb Rhode Island Whites, Buff Orpingtons and Anconas. Lowest prices. Shipped by parcel post. 100% live delivery guaranteed. Catalog free. Johnson's Hatchery, 109A Buchanan Street, Topeka, Kan.

DUCKS AND GEES

WHITE EMBDEN GEES \$2.75; GANDERS \$3.50. E. W. Kneisel, Baker, Kan.

MAMMOTH WHITE PEKIN DUCKS, \$1.50; drakes \$2. Ethel Royer, Gove, Kan.

PEKIN DUCKS, DRACKS, \$1.00. BUFF drakes \$3.00. Grace Kern, Fairbairn, Kan.

MAMMOTH WHITE PEKIN DRACKS \$2; ducks \$1.50. Ethel Hill, Mayetta, Kan.

BUFF ORPINGTON DUCKS \$2; DRACKS \$2.50. Mattie Johnston, Grantville, Kan.

GEES, DUCKS. LEADING VARIETIES. Free circular. John Hass, Bettendorf, Ia.

MAMMOTH TOULOUSE GESE, \$8 FOR three. Weight 18 to 20 lbs. M. H. Roberts, Westmoreland, Kan.

EXTRA LARGE WHITE PEKIN DUCKS, drakes \$2.50; trio \$4.85. From prize winners. Cheap, need room. E. Bauer, Beattie, Kan.

BUFF ROUBEN, PEKIN, COLORED AND White Muscovy ducks, Toulouse Geese, Guinea, Fan-tail pigeons. Fred Kucera, Clarkson, Neb.

DUCKS AND GEES

STATE WINNERS. WHITE CHINESE Geese, \$3. Jno. L. Benda, Marion, Kan.

PURE BRED TOULOUSE GEES, GANDERS \$4; hens \$3. Anna Yordy, Route 3, Brookville, Kan.

LEGHORNS

FERRIS WHITE COCKERELS \$1.50. MRS. C. D. Cornwell, Osborne, Kan.

BUFF LEGHORN COCKERELS \$1 EACH. R. E. Noyes, Broughton, Kan.

ROSE COMB BROWN LEGHORN COCKERELS \$1. Mrs. Art. Johnston, Concordia, Kan.

CHOICE SINGLE COMB BUFF LEGHORN cockerels \$1. John Bettles, Route 1, Herington, Kan.

STATE CERTIFIED SINGLE COMB BUFF Leghorn cockerels \$1.25. Mary Moyer, Oakhill, Kan.

HIGH CLASS BUFF LEGHORN COCKERELS, \$1 each. Pen headers \$3. J. M. Ulin, Route 3, Lucas, Kan.

EVERLAY SINGLE COMB DARK BROWN Leghorn cockerels, \$1.50 each. Mrs. John Fletcher, Bucklin, Kan.

SINGLE COMB BUFF LEGHORN COCKERELS. State Fair winners, \$3 each. H. N. Tyson, Nickerson, Kan.

PURE BRED ROSE COMB WHITE LEGHORN cockerels, \$1.50 or \$15 a dozen. Leon Normando, Burns, Kan.

PURE SINGLE COMB BUFF LEGHORN cockerels, 280 egg strain, \$1-\$1.50 each. Barney Kramer, Baileyville, Kan.

WHITE LEGHORN COCKERELS, CHICKS, eggs from best flock in country. Catalog. Oak Dale Farms, Box K, Le Roy, Minn.

SINGLE COMB DARK BROWN LEGHORN cockerels. Sires from record layers, \$2 and \$3. Mrs. E. C. Grizzell, Claflin, Kan.

TWO HUNDRED BUFF LEGHORN COCKERELS and pullets. Twenty-five Golden Wyandotte pullets. Ask for circular. C. N. Bunds, Wetmore, Kan.

IMPORTED ENGLISH BARRON S. C. W. Leghorns. Pedigreed, trapnested, bred to record 303 eggs. Husky cockerels, chicks, eggs, guaranteed. Geo. Patterson, Richland, Kan.

PURE TOM BARRON S. C. WHITE LEGHORN chicks and eggs from my own flock of 2,000 layers. Satisfaction guaranteed. Catalog free. Mrs. Mary Ginn, Indianola, Iowa.

CHOICE WHITE LEGHORN COCKERELS, English Barron, large breed, 304-316 egg strain, graded by state poultry judge. Satisfaction guaranteed. \$3, \$5, and \$7. The Hillview Poultry Farm, Miltonvale, Kan.

KOCH'S SINGLE COMB DARK BROWN Leghorn cocks, cockerels, hens and pullets priced for quick sale, \$1.50, \$2, \$3, \$5. Bred by me for 19 years for laying as well as for show. Satisfaction guaranteed. G. F. Koch, Jr., Ellinwood, Kan.

10 ACRES PAY \$10,000 ANNUALLY. OCEE C. Frantz, Box K, Rocky Ford, Colo., a poor boy, one of 14 children (now a breeder of national reputation) began 15 years ago, breeding more profitable poultry. Today his thousands of world famous Winter Laying Leghorns make the above possible, and lay barrels of eggs when the prices are the highest. You can do the same with his stock. Results are certain. Free book telling how.

ORPINGTONS

BUFF ORPINGTON COCKERELS, LARGE kind, \$2.50 each. E. J. Roark, Shallow Water, Kan.

BUFF ORPINGTON COCKERELS, STRAINS from prize winning stock, \$2.50-\$2. Mrs. Vera Haynes, Grantville, Kan.

BUFF ORPINGTON COCKERELS, STATE certified, Class B, \$3 each. Clarence Roswurm, Council Grove, Kan.

SINGLE COMB BUFF ORPINGTONS, HENS \$1.75, pullets \$1.50, cockerels \$2, \$2.50, cocks \$2. Mrs. Claude Bridgeman, Abbeyville, Kan.

OWEN'S BUFF ORPINGTONS DIRECT. Well matured cockerels \$3; pullets \$1.50. Satisfaction guaranteed. Mrs. Harry Steele, Wamego, Kan.

S. C. BUFF ORPINGTON COCKERELS for sale \$2.50 each. Also Pekin ducks \$1.50, drakes \$2. Mrs. G. W. Price, R. R. 7, Manhattan, Kan.

PLYMOUTH ROCKS

PARTRIDGE ROCKS. Sunny Slope Farm, Stillwater, Okla.

PURE BUFF ROCK PULLETS AND EGGS. Dorothy Shuff, Sylvia, Kan.

WHITE ROCKS, HENS AND COCKERELS. W. T. Blackwill, Quinter, Kan.

BUFF ROCK COCKERELS, \$2.00 EACH. Mrs. Katie Fankhauser, Madison, Kan.

PARKS BARRED ROCK COCKERELS \$3; four \$10. Rena DeBusk, Macksville, Kan.

CHOICE WHITE ROCK COCKERELS, \$3 each. Mrs. Verna Bowser, Abilene, Kan.

NICE WHITE ROCK PULLETS, WHITE Rhode Islands. Jacob Misner, Piedmont, Kan.

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SIMS STRAIN BARRED ROCK COCKERELS, \$2, \$2.50. Mrs. Henry Delling, Route 2, Argonia, Kan.

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PARTRIDGE PLYMOUTH ROCKS, COCKERELS, extra large, \$3 each. Roy Bolen, Route 2, Goodland, Kan.

THOMPSON STRAIN BARRED ROCKS, Cockerels, fine birds, \$2, \$3. Mrs. A. M. Markley, Mound City, Kan.

PLYMOUTH ROCKS

BUFF ROCKS. FIRST PRIZE WINNERS Kansas City. Egg laying ability. Cockerels, pullets. Emery Small, Wilson, Kan.

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CHOICE EARLY WHITE ROCK COCKERELS by \$20 Fished sire and high producing hens, \$2.50, \$3.50, \$5, on approval. Carl Keesling, Neodesha, Kan.

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LARGEST BARRED ROCKS IN KANSAS. Imperial Ringlet cockerels. Prize quality stuff at \$4.00, \$7.00, \$10.00 each. Satisfaction guaranteed. A. L. Hook, North Willow Poultry Ranch, Coffeyville, Kan.

SIMS' DARK LINE BARRED ROCKS WON at State Show, Topeka, December, 1923: Cocks, 1, 2, 6, 7; hens, 2, 3, 5, 6, 7, 8; old pens, 1. Cockerels and pullets for sale. Satisfaction guaranteed. George Sims, Le Roy, Kan.

PURE THOMPSON COCKEREL. MATED cockerels \$5, \$10. Pullet mated birds. My birds were winners at Wichita, National, American Royal 1923 shows. Every prize Greenwood County Fair. Mrs. Robt. Simmons, Severy, Kan.

LANGSHANS

PURE BRED WHITE LANGSHAN EGGS, chicks, cockerels. Sarah Greisel, Altoona, Kan.

LANGSHANS. COCKERELS, PURE BRED, Black and White, \$2, \$2.50. Mrs. O. L. Summers, Beloit, Kan.

PURE BRED WHITE LANGSHAN COCKERELS, \$2, extra good. Shipping point Garden City. Jas. Dimitt, Plymouth, Kan.

WHITE LANGSHANS, PEDIGREED PULLETS, hens, chicks. Eggs—pens, \$10, \$8, \$6, delivered. Booking orders. Lee Kepler, Altoona, Kan.

RHODE ISLANDS

ROSE COMB RED COCKERELS \$1.50, \$2. Mary Moyer, Oakhill, Kan.

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ROSE COMB RHODE ISLAND WHITE cockerels, \$2.25 each. Clarence Hoffman, Preston, Kan.

ROSE COMB RED COCKERELS; GOOD size and color, at \$3, \$5 and \$10 each. Alice Clinkensbeard, Wetmore, Kan.

DARK SINGLE COMB RHODE ISLAND cockerels, Hoganized, \$2.00. Mrs. Sylvia Sherwood, Route 2, Concordia, Kan.

PURE BRED RHODE ISLAND RED ROSE Comb cockerels, hens and pullets. Mrs. M. J. Hopper, Box 66, Cimarron, Kan.

ROSE COMB COCKERELS, LARGE, DARK, long, \$2, \$3. Pullets \$18 dozen. Satisfaction guaranteed. Hazel DeGeer, Lake City, Kan.

ROSE AND SINGLE COMB RHODE ISLAND and White cockerels, \$2 each. Satisfaction guaranteed. Helen Davis, Pendennis, Kan.

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TURKEYS

PURE BRONZE TOMS \$8. A. DILLIE, SUN City, Kan.

PURE BRONZE TOMS, \$6; HENS, \$4. C. J. Bland, Oakley, Kan.

YOUNG BOURBON RED TOMS, \$7. BEE Leatherman, Fowler, Kan.

GOLDBANK BRONZE, STOCK FOR SALE. G. G. Wright, Langdon, Kan.

WHITE HOLLAND TOMS, \$10. Sarah Chacey, Route 3, Meriden, Kan.

WHITE HOLLAND TOMS, \$10. BERTHA Blyholder, Route 3, Meriden, Kan.

PURE BRED WHITE HOLLAND TOMS \$6 each. Yeager Cott, Hugoton, Kan.

LARGE NARRAGANSETT TOMS \$8; HENS \$5. Mary F. Kindig, Olathe, Kan.

GOLD BRONZE, LARGEST EXHIBITION quality. Laura Smith, Esbon, Kan.

MAMMOTH WHITE HOLLAND TOMS \$10; hens \$7. Lula Jones, Wetmore, Kan.

PURE BRED NARRAGANSETT TOMS \$8; hens \$6. Mrs. E. Perrigo, Moline, Kan.

CHOICE BOURBON REDS: TOMS \$7; hens \$5. Eugene Weniger, Cleveland, Kan.

MAMMOTH BRONZE TOMS \$10, HENS \$5. 50 lb. grand sire. Neatie Pearl, Harper, Kan.

TURKEYS

FINE BLACK TOMS \$10. GEO. GREEN, Farina, Illinois.

PURE BRED NARRAGANSETT TURKEYS: Toms \$8, hens \$6. Joe Dickson, Webster, Kan.

BOURBON RED TOMS, \$7; YEARNING TOMS \$10. Mrs. E. C. Grizzell, Claflin, Kan.

BOURBON RED TURKEYS: TOMS \$7, hens \$5. Harold Dohl, Route 3, Formoso, Kan.

FINE, EARLY HATCHED NARRAGANSETT turkey toms. Mrs. Perry Myers, Fredonia, Kan.

GIANT COPPER BRONZE TURKEYS FOR sale. Priced right. Ernest Kropp, Anthony, Kan.

PURE MAMMOTH BRONZE TOMS, 25-LB., \$10; pullets, 15-lb., \$6. Roy Ellis, Colwater, Kan.

EXTRA FINE BOURBON TOMS \$8, HENS \$5. Pure white tails. Sadie Struthers, Rozel, Kan.

MAMMOTH BRONZE, FIFTY POUND strain. Free circular. Laura Ullom, Lamar, Colo.

PURE BRONZE GOLDBANK STRAIN. Toms \$8 each, pullets \$6 each. Frank Ayers, Burns, Kan.

PURE MAMMOTH BRONZE TURKEYS. Young toms \$10, old \$12, hens \$5. Daisy Gilges, Norwich, Kan.

MAMMOTH BRONZE TOMS, 13 to 22 lbs., \$8. One two year old tom \$9. Schweizer Dairy, Caldwell, Kan.

MAMMOTH BRONZE TURKEYS. PARENT hens 25-26 pounds, sire 43 pounds. Elmer Harris, Sharon, Kan.

PURE BRED MAMMOTH BRONZE, GOLDBANK strain; toms \$8, hens \$4. George Harris, Fowler, Kan.

WHITE HOLLAND TURKEYS, VACCINATED. Toms \$10, hens \$8. Alice Clinkensbeard, Wetmore, Kan.

PURE MAMMOTH BRONZE TURKEYS. Write for particulars. Mrs. Frank McConaha, Madrid, Neb.

MAMMOTH BRONZE COCKERELS FROM first prize winning stock, \$10-\$25. E. M. McArthur, Walton, Kan.

BOURBON RED TURKEY TOMS \$6 AND \$7 each. Old toms \$7 and \$8 each. Walter Passmore, Belleville, Kan.

PURE BRED BOURBON RED TURKEYS. April hatched. Toms \$8; hens \$6. C. W. Moeller, Hamburg, Okla.

MAMMOTH WHITE HOLLAND TOMS, Big boned, pink legs, \$10 each. Average 25 lbs. B. N. Wells, Rice, Kan.

EXTRA CHOICE BRONZE TOMS \$10, HENS \$6. Satisfaction guaranteed. George Briggs & Sons, Protection, Kan.

GIANT BRONZE GOLDBANK TOMS, HENS, pullets. Famous for size and color. Prices right. Vira Bailey, Kinsley, Kan.

IDEAL MAMMOTH BRONZE, GOLDBANK. From Madison Square winners. 40% discount. W. S. Linville, Lamar, Colo.

MAMMOTH BRONZE GOLDBANK, Sired by 50 lb. blue ribbon tom. Toms \$10, pullets \$7. Mrs. Geo. Koontz, Haven, Kan.

MAMMOTH BRONZE GOLDBANKS. PARENT stock 40 lb. tom, 24 lb. hens. Pullets \$7; toms \$10. Artley Gardner, Leoti, Kan.

MAMMOTH WHITE HOLLAND, LARGE boned, pink legs, sire 50 pound. Toms \$10. White Rose Poultry Farm, Haven, Kan.

MAMMOTH BRONZE, NONE BETTER. Priced to sell quickly. Toms \$6, hens \$4 each, or 3 for \$11. Essie Loper, Oakley, Kan.

EXTRA LARGE BRONZE TURKEYS from 45 lb. prize winner. Young 22 lb. toms \$10, hens \$8. Buford Wheeler, Orion, Kan.

PURE BRED MAMMOTH BRONZE GOLDBANKS: Toms \$10; pullets \$7.50. Large, healthy stock. Annie Hoffman, Ulisses, Kan.

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GOLDEN BRONZE TURKEYS. Sired by first prize cock Hutchinson State Fair 1922. Toms \$12, hens \$6. Alfred Rogers, Lucas, Kan.

MAMMOTH GOLDBANK BRONZE TURKEYS. From Madison Square, Chicago. St. Louis prize winners. Reduced prices. E. Bidleman, Kinsley, Kan.

PURE BRED GOLDBANK MAMMOTH Bronze turkeys. Toms \$10, pullets \$5. Sire blue ribbon winner. Effie Bachat, Route 3, Russell, Kan.

GOLDBANK MAMMOTH BRONZE TOMS. Sire 45 lbs, dam 24. Vaccinated. Hoganized. \$12, \$10. Prize winning. Mrs. Geo. Wharton, Agenda, Kan.

LARGE WHITE HOLLAND TOMS \$10; hens \$8. Vigorous, heavy boned, pink legs, good breasts. Satisfaction guaranteed. C. A. Cary, Edna, Kan.

MAMMOTH BRONZE TURKEYS, GOLDBANK strain, exhibition stock, guaranteed as represented; toms \$15, hens \$8. Mrs. Minnie Snider, Piedmont, Kan.

BRONZE TURKEYS. BEST BREEDING. Consistent winners at America's largest shows. Unrelated trios. Satisfaction guaranteed. T. C. Amos, Russellville, Mo.

CHOICE STANDARD BRED SNOW WHITE Holland turkeys. Vigorous, extra large boned, pink shanks. Toms 22 to 27 lbs. \$8; hens \$6. Peter Mattson, Lincoln, Kan.

GIANT GOLDBANK BRONZE, TOM DIRECT from Bird Bros., Madison Square prize winners. Parent hens bred from 50 pound prize tom. Priced cheap. Ben Ely, Kinsley, Kan.

MAMMOTH PURE BRED BRONZE TURKEYS, Gold Bank. First prize at Hutchinson State Fair, first Lamar and Wiley, Colorado. Stock from 50 pound tom and 21 pound hens. Toms \$15 to \$25; hens \$8. Satisfaction guaranteed. Dr. L. B. Cantwell, Syracuse, Kan.

Display Poultry Advertising

Hatcheries and large poultry breeders will find display advertising pays. It permits the use of illustrations and attractive type display. An ad the size of this one (1 column inch) costs \$11.20 each insertion.

WYANDOTTES

ROCK'S WHITE WYANDOTTE FARM, Clay Center, Kan. Cockerels and hens.

WHITE WYANDOTTE COCKERELS \$2; six \$11. Mrs. O. Richards, Beverly, Kan.

ROSE COMB WHITE WYANDOTTE COCKERELS, \$1.50 each. E. Frische, Freepport, Kan.

GOLDEN WYANDOTTE COCKERELS, Early hatch. M. M. Donges, Belleville, Kan.

GOOD WHITE WYANDOTTE COCKERELS \$2. Eggs \$6 hundred. David Keller, Chase, Kan.

WHITE WYANDOTTE COCKERELS. Martin Keelers direct, \$2.50. H. O. Collins, Pontana, Kan.

COLUMBIAN WYANDOTTE COCKERELS and pullets; also Houdans. Henry Pauls, Hillsboro, Kan.

KILLER STRAIN WHITE WYANDOTTE cockerels, \$1.75. Mrs. Jerry Melcher, Caldwell, Kan.

WHITE WYANDOTTE COCKERELS, TOM Barron heavy laying strain. August O. Russell, Kan.

FINE PARTRIDGE WYANDOTTE ROOSTERS \$3. Good laying strain. H. F. Bryant, Haviland, Kan.

SILVER LACED WYANDOTTE COCKERELS, large, well marked. James W. Anderson, Lone Star, Kan.

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WHITE WYANDOTTE COCKERELS, 285 egg strain. Mammoth Pekin ducks. Mrs. A. J. Higgins, Effingham, Kan.

BEAUTIFUL SILVER WYANDOTTE COCKERELS, \$2.50 to \$5. Pullets \$1.50. Mrs. Philip Schuppert, Arrington, Kan.

PURE BRED KILLER STRAIN WHITE Wyandotte cockerels, \$2.50 and \$3 each. Pullets. Sadie Springer, Manhattan, Kan.

WHITE WYANDOTTE COCKERELS, raised by prize winning Martin's stock direct. February hatched, \$3 and \$5. B. L. Carney, Marion, Kan.

WHITE WYANDOTTE HENS. GOOD type, record layers. Martin strain. \$2.50 each, \$28 dozen. Order early. Garland Johnson, Mound City, Kan.

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COCKERELS, 15 VARIETIES. Hatching eggs, baby chicks. Free book. Aye Bros., Blair, Neb., Box 5.

VARIETIES FINE PURE BRED CHICKENS, ducks, geese, turkeys, fowls, eggs, baby chicks. Large catalog 50. A. A. Ziemer, Austin, Minn.

CHICKENS, DUCKS, GEESSE AND GUIN-geese. Leading varieties. Breeding stock. Low prices. Satisfaction guaranteed. Catalog free. Becker Poultry Co., Ackley, Ia.

QUALITY BIRDS CHEAP. PURE BRED pullets, hens, cockerels, turkeys, geese, ducks, bantams, guineas, baby chicks. Satisfaction guaranteed. Catalog free. Evergreen Poultry Farms, Hatcheries, Hampton, Iowa.

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CAIONS, TURKEYS, OTHER POULTRY wanted. Coops loaned free. The Copes, Topeka.

SHIP YOUR POULTRY TO THE WITCHEY & Company, Topeka, for highest market. Reference this paper.

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

REAL ESTATE

ARKANSAS

5 BUYS five acres, oil rights included. S. B. Vaughan, Newton, Kansas.

IF YOU want to live in Arkansas, write Searcy County Realty Co., Leslie, Ark.

FOR SALE: 80-acre well imp. big spring. abundant power, fine fruit, close in. \$6500. Owner, J. B. Bell, Siloam Springs, Ark.

FREE illustrated folder of beautiful, fertile, healthy Ozarks, to home buyers. Write now to U. S. Barnesley, Ozark, Ark.

SPECIAL BARGAIN: 100-acre farm, house, barn, orchard, spring, timber. Price \$1050. Terms. List free. Ward, Cotter, Ark.

ARKANSAS Ozarks for health, contentment and an easy living. Low prices, booklet free. T. V. Russell Realty Co., Yellville, Ark.

WOULD YOU BUY A HOME? With our liberal terms. White people only, good land, healthy progressive country. Write for list. Mills Land Co., Booneville, Ark.

CALIFORNIA

IF YOU WANT TO LIVE in California write Kings County Chamber of Commerce, Hanford, California, for free booklet.

FARM BUREAU wants settlers on irrigated and unirrigated alfalfa and fruit lands. Low prices, easy terms. M. P. Howard, Sec., Cottonwood, Shasta Co., Calif.

POULTRY AND BERRY FARMING in sunny California in the famous Charles Weeks comfortable poultry colony will make you a comfortable living on a very little land. Near Los Angeles. Write for literature. Charles Weeks, Owensmouth, California

FOR SALE: 40 acres riparian to Sacramento River. House, barn. If irrigated alfalfa makes six cuttings, or barley can be followed by milo, beans or fodder. Extra rich and for dairy, hogs, walnuts or prunes. Price \$70,000. Easy terms.

P. T. Hince, Yuba City, Calif.

FOR SALE: Two acres rich level land. Will raise enormous crops, berries, apricots, etc. 25 miles to San Francisco. Auto stage and trains every half hour. No snow; any climate. \$1,000 per acre.

G. Richardson, 1856 E. 25th Street, Oakland, California

Getting Eggs From Pullets

BY HARRIET H. MYERS

Pullets demand special attention if they are to produce profitable returns. This will pay well. A good grain ration for heavy winter egg production consists of 50 pounds of cracked corn and 50 pounds of wheat.

A good dry mash feed consists of 40 pounds of ground oats and corn, 20 pounds of bran, 20 pounds of shorts and 20 pounds of tankage.

A light grain feed, about 5 pounds for every 100 birds, is generally given in the litter early in the morning, and a heavier feed, about 7 pounds for 100 birds, in the evening. Fresh water, oyster shell, and the dry mash are kept before the birds at all times. Some form of succulence or green feed is necessary and may be supplied in the form of sprouted oats, beets, or wheat pasture. Perhaps the amount of feed given is as important as any one point in feeding. Birds that are being forced for winter production, especially those under lights, demand a large amount of food and if stinted almost immediately reduce production or lose vigor.

Culling and grading are also important points in getting pullets ready for their winter work. Culling, of course, starts at hatching time and continues as long as the birds are kept but it is generally a very convenient time to handle birds individually when they are placed in the laying pens. This is also a good time to dust them thoroughly with a good house powder. No bird that is diseased, lacking in vigor, or that shows any serious physical defect should be placed in the laying pen. Careful grading simplifies feeding and general care by putting all those birds of the same age and general characteristics in the same pen, which makes it more nearly possible to suit each hen's needs.

The housing problem likewise needs careful consideration in the fall. To do their best work pullets must have plenty of the right kind of house-room. That is, a clean, dry, sunny house with good ventilation and convenient fixtures. For the heavier breeds, 4 square feet of floor space should be allowed for each bird while the lighter breeds do very well with 3 or 3½ square feet each. The floor of the house should be so constructed as to be dry and easily cleaned. Three to 6 inches of wheat straw on the floor makes a good litter in which to feed grain. The fixtures should be simple, convenient, and contain as few cracks where mites may lodge as possible. After November, the birds do better work if confined to the house all of the time.

There are no hard and fast rules concerning the care of pullets for winter egg production, but if the foregoing principles are kept in mind and the birds watched with an eye appreciative of their comfort, very few serious mistakes will be made.

For Better Clover Yields

Red Clover Culture, Farmers' Bulletin No. 1339, has just been issued by the Government; it may be obtained free on application to the United States Department of Agriculture, Washington, D. C. This bulletin should be of interest to every farmer in Eastern Kansas who is growing or who expects to grow this legume.

BARGAIN CLUB OFFER

Tractor and Gas Engine Review, Kansas Farmer and Household One Year for Only \$1.25.

By special arrangement we are able to offer three of the most popular publications in the country—Tractor and Gas Engine Review, Kansas Farmer and Household Magazine—all for one year for only \$1.25. We believe this is an extraordinary value. Mail your order for Club No. 83 at once to Kansas Farmer and Mail and Breeze, Topeka, Kan.—Advertisement.

Frost Work

These winter nights, against my window pane
Nature with busy pencil draws designs
Of ferns and blossoms and fine spray of pines,
Oak leaf and acorn and fantastic vines,
Which she will make when summer comes again—
Quaint arabesques in argent, flat and cold,
Like curious Chinese etchings—by and by,
Walking my leafy garden as of old,
These frosty fantasies shall charm my eye
In azure, damask, emerald, and gold.
—Thomas Bailey Aldrich.

The Real Estate Market Place

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50c a line per issue

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Special Notice

All advertising copy must be received by the Real Estate Department not later than 10 o'clock Saturday morning, one week in advance of publication.

KANSAS

LAND on crop payments. Write for list. Jess Kisner, Garden City, Kan.

LAND on crop payments, fine crops, pay ½ crop, \$27 acre. Ely, Garden City, Kan.

FOR SALE, N. E. Kansas bottom and upland farms. Melvin Ward, Holton, Kan., R.F.D. 1.

ONE-HALF SECTION Stock and Grain farm in Wabaunsee Co. Term of years. Cash rent. Mrs. R. C. Obrecht, Rt. 28, Topeka, Kan.

WRITE TODAY for new 1924 Special List of Farms, large and small at bottom prices. M. T. Shinn, Iola, Kansas.

FOR SALE, Jewell county, Kansas, farms, \$10 to \$100 per acre. Terms. Information on request. Alderson & Fulton, Formoso, Kan.

FOR SALE: Eight choice sections, Wallace county, Kan., one to three miles of West. Agents wanted.

C. E. Mitchem, Harvard, Ill.

NO CASH DOWN, no interest for 5 years. You develop dry or irrigated land and give us ½ crops each year until paid for.

Morris Land Co., Lawrence, Kan.

FINE RANCH of 2080 acres, 90% smooth, 400 acres bottom land, 100A. alfalfa. Good improvements, running water the year around, for sale on good terms or will trade for merchandise. R. H. West, Oakley, Kan.

FOR SALE—A choice level section 4½ miles from Oakley, all in high state of cultivation, mostly all in wheat. Can all be plowed in one land. No improvements. Price \$32.50 per acre, good terms.

R. H. West, Oakley, Kansas.

REAL ESTATE

SELLERS, Traders, monthly publication 10c. Natl. Real Estate Ex., Siloam Spgs., Ark.

FREE—Large catalog of Wisconsin and Michigan money making farm bargains. Easy terms. Write today. Warren McKee Farm Agency, Logansport, Ind.

\$100 DOWN, balance 10 years. Big markets, sure crops, free fuel, no stone, swamps, or sand. Choice dairy, fruit, garden, poultry and diversified Wisconsin land. Owner T. Loveland, Plymouth Bldg., Minneapolis, Minn.

COLORADO

DAIRYING near Denver. Rainbelt. \$25 A. up. News, Parker, Colo.

SOME EXCEPTIONAL bargains in Eastern Colo. land. Good crops, reasonable trades considered. Gust Westman, Flagler, Colo.

FOR SALE: Ten choice sections, east of Cheyenne Wells, Cheyenne county, Colorado. Agents wanted.

C. E. Mitchem, Harvard, Ill.

BUY EASTERN COLORADO LANDS before prices go up again. \$1 an acre down and \$1 an acre a year. Lincoln Co., Inv. Co., 532 Equitable Bldg., Denver, Colo.

FLORIDA

FOR FLORIDA LAND, wholesale, retail or exchange, write Interstate Development Co., Seacrest Bldg., Kansas City, Mo.

DAIRYING AND FARMING in Florida a success. No long winter when you have to house your cattle. A good investment awaits you in Stuart, Florida. Write to Civic Committee, Stuart, Fla.

COME TO FLORIDA at once and look at 480 acres in best district of St. Lucie county—banner county of state. Will trade for Kansas farm land or sell all or part on easy terms. Address

B. F. Holden, Fort Pierce, Fla.

INDIANA

320-ACRE IMPROVED FARM 25 miles from Chicago; stone road; \$125 per acre. Easy terms.

Lock Box 205, Crown Point, Indiana

MISSOURI

WRITE for free list of farms in Ozarks. Douglas County Abstract Co., Ava, Mo.

LISTEN! 40 acre impr. farm \$985. Terms. Other farms. McGrath, Mountain View, Mo.

101 ACRES well imp., 55 acres bottom, well located, \$3,500. Jenkins & Jones, Ava, Mo.

MISSOURI 40 acres truck and poultry land \$5 down and \$5 monthly. Price \$200. Write for list. Box 22A, Kirkwood, Mo.

ATTENTION FARM BUYERS. I have all size farms for sale. Well improved. Good soil. Good water, mild climate, low prices. Good terms. List free. Write

Frank M. Hamel, Marshfield, Mo.

DO YOU want a home in the Ozarks? Climate and water unsurpassed and where fishing and hunting abound. If you want to buy from the owner write A. L. Thomas, Mountain Grove, Missouri.

Pay No Advance Fee Don't give option or tie up real estate for any kind of contract without first knowing those you are dealing with are absolutely honorable, responsible and reliable.

MISSOURI

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.

FOR SALE, 297 acres gently rolling blue-grass farm, well fenced. Good imp., 2-story brick house, new tenant house, large barn, cattle shed, crib, granary, chicken house, tool shed. Satisfactory terms. H. W. Crowe, Box 91, Chillicothe, Mo.

NEW MEXICO

NEW MEXICO FARM LANDS. A new fold-out about the new state of New Mexico is now ready. This state is rich in natural resources; it has much to offer the man of vision and ambition to take advantage of opportunity. New Mexico has a delightful and invigorating climate, with fertile farm land in the valleys supplied with an abundance of irrigation water insuring good crops. Also farm lands in the plains country for dry-farming. All the leading varieties of fruits and vegetables of prime quality are successfully grown as well as all the general farm crops. Alfalfa, dairying, hogs and poultry is a combination hard to beat, because of good local markets and long favorable growing seasons. Agriculturally, New Mexico has much to offer. Let us mail you our descriptive folder about this great state. C. L. Seagraves, General Coal and Iron Agent, Santa Fe Ry., 388 Ry. Bldg., Chicago, Ill.

TEXAS

Rio Grande Valley Farms

Mercedes, Hidalgo County, Texas. 20 and 40 acre tracts. Two or three profitable crops grown yearly. Grape fruit, oranges and truck make money the year around. Sell direct to the farmer \$100 to \$200 per acre 24 per cent cash, balance ten yearly installments. Go direct to Mercedes or write us for free booklet. American Rio Grande Land & Irrigation Co., 2069 Southland Life Bldg., Dallas, Texas

EL PASO Irrigated Farms

Low priced land near a thriving city. Farms of a size to suit, on good terms. Good roads; good schools; good neighbors; cheapest irrigation water in the U. S. Every crop from pears to cotton abundantly productive. Poultry and dairying very profitable. Climate that benefits the sick and pleases everybody. Summers modified by altitude of 3,700 feet and mountain breezes. No cold winters or blizzards. Ask for our new booklet, "FARMING THAT PAYS." GATEWAY CLUB, Dept. 13, El Paso, Texas

SALE OR EXCHANGE

FEW COLO. irrigated and unirrigated farms to trade. Write F. R. Miller, Ordway, Colo.

RENTERS: House and lot in live oil town for farm outfit. Box 225, Virgil, Kan.

BARGAINS—East Kan., West Mo. farms—sale or exch. Sewell Land Co., Garnett, Kan.

TRADES EVERYWHERE—What have you? Big list free. Bersale Agency, Eldorado, Kan.

I HAVE several quarter sections Western Kansas land; wish to exchange for other property. Box 371, Wakeeney, Kan.

BEST 1500 A. ranch, Central Kan., \$10,000 imp. to trade for Eastern land. Vrooman Loan & Realty Co., 820 Kan. Ave., Topeka, Kan.

313 A. 5½ mi. Hiattville, Kan. Fine improvements, 180 cult., bal. blue grass pasture. Sub. \$12,000 mtg. Income or Western land. This is a fine farm. Price \$32,000. The Bourbon County Realty Co., Ft. Scott, Kan.

REAL ESTATE WANTED

FARM WANTED immediately, direct from owner. J. W. Houck, Tiffin, Ohio.

FARM WANTED. From owner only. Send full particulars. Ray Smith, Maplewood, Mo.

FARM WANTED from owner. Must be bargain for cash. Describe imp., markets, crops, water, etc. Emory Gross, N. Topeka, Kan.

CASH BUYERS want Kan and Colo. farms. Spring delivery. Don't wait, write now. H. A. McNown, 329 Wilkinson Bldg., Omaha, Neb.

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

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

REAL ESTATE LOANS

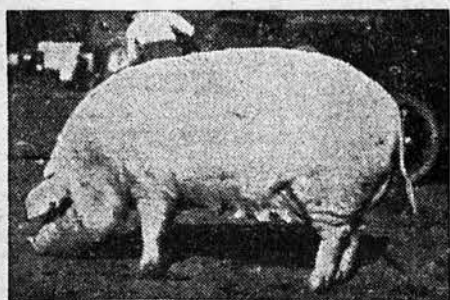
I HAVE some money to loan on Kansas farms. W. H. Eastman, 209 Columbian Bldg., Topeka

6% MONEY. Reserve system. 6% loans on city or farm property. Reserve Deposit Company, Lathrop Building, Kansas City, Mo.

FOR RENT

FOR LEASE: 3267-acre ranch. 600 farming all or part. Box 306, Coldwater, Kan.

Carper's Chester White Sow Sale



Syracuse, Nebr.,
January 31, 1924

16 Tried Sows and
Fall Yearlings
24 Spring Gilts

4 outstanding good last fall boars. A big per cent of the offering will be bred to **EUREKA SURPRISE**, second prize junior yearling Nebraska state fair last fall and one of the best young boars of the breed. They are largely daughters of **ALFALFA SUPREME** and **SPRING VIEW WONDER**, both prize winners. Among the attractions will be five fall yearling gilts by Alfalfa Supreme. They will weigh 600 and will be as good as will be sold this year. Three of them won good places at Nebraska state fair. Write for catalog.

W. W. Carper, Dunbar, Nebr.

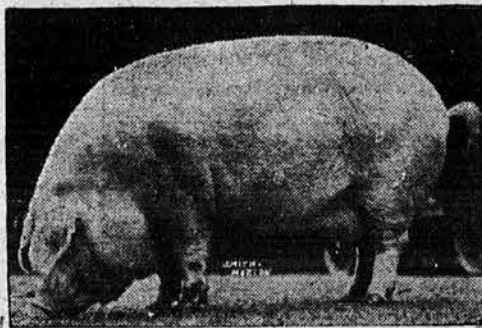
Col. J. C. Price, Auctioneer. Fieldman, Jesse R. Johnson.

Buehler's Annual Sale of Chester White Sows

Farm Near Town

Wednesday,
January 30

5 Tried Sows
15 Fall Yearlings
20 Spring Gilts



Bred for February, March and April to **ALFALFA RAINBOW** and **T. C'S TYPE**. The offering will be our usual good line up of big, high backed sows and gilts, largely of **SURPRISE** and **TICHOTAS CHOICE** breeding. Write for catalog.

Wm. Buehler, Sterling, Johnson Co., Neb.

Auctioneers: Col. J. C. Price, Col. K. K. Hutchinson.
Fieldman: Jesse R. Johnson.

HOLSTEIN CATTLE

HOLSTEIN CATTLE

65 Registered Holsteins in the Kansas National Show Sale



Forum, Wichita, Kansas,
Friday, February 1, 1924

Never before in any Kansas sale have we had so many high class show animals in one sale of Holstein cattle.

Never before have we had so many cows weighing more than 1600 pounds each and of such unusual individuality.

Never before in any show sale have we had so many cows in a Holstein sale that milked more than 80 pounds milk in a day.

Never before in a show sale have we had so many females in a sale that were sired by 30 pound bulls.

Never before in a Kansas sale has the milk production of the cows offered in one sale reached the amount of 1500 quarts of milk in one day.

Never before in any Kansas sale has there been such an opportunity to buy foundation cattle for the purpose of building up a Holstein herd. Never before in any show sale have there been so many young bulls ready for service of such excellent breeding and individuality.

Write for a catalog, mentioning Mail & Breeze.

W. H. MOTT, SALE MANAGER, HERINGTON, KANSAS

10 Holstein Females For Sale

This is your chance to buy your pick of 5 or 10 best purebred cows and heifers from our herd. Milking heavy now with high butterfat test. Federal accredited. T. B. and abortion free. Also bulls.

VICTOR F. STUEVE, ALMA, KAN.

Reg. Holstein Heifer from Accred. Herd

Good one. More white than black. Born April 11, 1923. Sire has seven dams averaging 1040 pounds butter. \$80. Also younger calves. Federal accredited herd.

O. S. ANDREWS, Greeley, Anderson Co., Ks.

Farmers Make Crop Plans

(Continued from Page 24)

wheat and livestock. About 2 inches of snow fell last week and some is still on the ground. Rural market report: Wheat, \$1; corn, 75c; bran, \$1.40; cream, 50c; eggs, 29c; heavy hens, 15c; Leghorns, 11c.—F. J. Kirkpatrick.

Lane—Our corn is nearly all husked, but there is a large amount of threshing to be done. After a week of freezing weather many farmers are busy putting up ice. Livestock is not in very good condition.—G. F. Dickinson.

Labette—We have been having extremely cold weather. A slight snow fell last night. Roads are in splendid condition. There is plenty of moisture in the soil. Conservation of feed will be difficult from now until spring. Some laborers are looking for work. There are a few public sales. Cows, and implements bring good prices. Rural market report: Wheat, \$1; corn, 78c; bran, \$1.50; mixed feed, \$1.60; flour, \$1.75; oats, 52c.—J. N. McLane.

Lyon—Zero weather January 1 was hard on livestock that was not sheltered. Farmers are cutting wood and hauling grain and hay to market. There are few public sales. Early sown wheat looks good. Several fields are already plowed for oats and corn. Roads are in fine condition and stock is doing well. Not many fat hogs are going to market. Rural market report: Wheat, 60 test, 93c; corn, 65c; eggs, 30c; butter, 40c.—E. R. Griffith.

Ness—We had some real winter weather last week. It was 14 degrees below zero, but not much snow fell. Threshing is in progress again. No public sales are being held this winter. Rural market report: Corn, 55c; kafir, 53c; hogs, \$6.45; hens, 14c; eggs, 30c; cream, 48c.—James McHill.

Osage—Husking of standing corn is about finished. A few farmers are threshing kafir. Many are feeding it to poultry on the head. Some is sold in that way. We had a drop of 12 degrees below zero during the cold siege. One sale was held this week. The machinery was old and sold cheap. Rural market report: Cream, 51c; eggs, 25c; wheat, 35c; corn, 55c; bran, \$1.50; shorts, \$1.60.—H. L. Ferris.

Rooks—Mercury has been 10 below zero, never getting above 14 degrees during the last week. This kind of weather is hard on livestock. Many farmers are filling their ice houses. Rural market report: Wheat, 95c; corn, 57c.—C. O. Thomas.

Saline—The weather is mild now after the extreme cold. Cattle and wheat did not suffer much. Farmers are sawing wood. Cream and egg production are very low during this month. Quite a large number of cattle are changing hands at fair prices. Money is scarce. Collections are slow and interest high.—J. P. Nelson.

Sedgwick—Times are quiet in the rural communities. Not many sales being held. Wheat is in a satisfactory condition with about the right amount of moisture in the soil. Plans are being considered by many farmers for a more diversified program in 1924.—E. E. Wickham.

Sumner—Saturday morning registered the coldest weather of the season, being 6 degrees below zero. The Sumner Farm Bureau is conducting all day meetings this week at several points over the county to discuss soils, poultry and the benefit of cooperative wheat marketing. There is but little wheat pasture. Feed is scarce and corn is being shipped in to sell at 75 cents a bushel. There are few public sales. Implements and milk cows sell well. Other cattle, horses, mules and hogs bring low prices. Rural market report: Wheat, 93c; oats, 50c; kafir, \$1.40 a hundredweight; butterfat, 47c; eggs, 30c; hens, 17c.—Mrs. J. H. Hoyt.

Stevens—Fall work has been delayed on account of wet, cold weather. The ground was too wet to work before the freeze came. Wheat is not all sown yet. Most of the threshing is yet to be done. Rural market report: Kafir and milo, 85 to 90c a hundredweight; butterfat, 54c.—Monroe Traver.

Washington—Cornhusking is nearly finished. Some has been shelled. The yield was very satisfactory and the quality good. A large number of hogs and cattle are on feed and despite the cold weather they seem to be doing well. There are many public sales and prices are showing some advance, especially on horses. Wheat seems to be in very good condition. Roads are in bad order. Rural market report: Hay, \$5.75; wheat, 86c; corn, 47c; barley, 39c; cream, 47c; eggs, 33c.—Ray Marple.

Colorado Crop Reports

Elbert—We are having very cold weather and snowstorms. Feed is plentiful and livestock is in excellent condition. All markets are depressed. Rural market report: Wheat, 90c; corn, 80c; oats, 55c; cream, 53c; butter, 50c.—R. E. Patterson.

Otero—The sugar mill at Swink closed shortly before Christmas. The run was good this year. Farmers are being solicited to sign contracts for next season. Only the sliding scale contract of last year is being offered. Farmers are not acting concertedly as they should. Sugar beets are a far better proposition than they were some 12 years ago and even better than grain or alfalfa. With the present price of sugar the farmer should find good money and prosperity in producing beets. Sales have been more satisfactory this winter and not so frequent as last winter.—J. A. Heatwole.

Southern Kansas

By J. T. Hunter

Consignments to the Kansas National sheep sale aggregate 40 head consigned by W. T. Honn, Haven; C. M. Cowan, Derby; and O. A. Homan, Peabody.

Poland China consignments to the Kansas National sale aggregate 49 head consigned by Geo. Morton, Oxford, Kan.; Deming Ranch, Oswego, Kan.; and F. S. Brian, Derby, Kan.

Hereford cattle consigned to the Kansas National sale aggregate 39 head consigned by Klaus Bros., Bendena, Kan.; Ken Caryl Ranch, Littleton, Colo.; and W. L. Yost, Independence, Mo.

Forty head of Durocs have been consigned to the Kansas National sale by G. B. Wood-

HOLSTEIN CATTLE

Mott's Sale Calender

Feb. 1—"Show Sale," Wichita, Kan.
Feb. 8—H. B. Burger, Seneca, Kan.
Feb. 12—Breeders' Sale, Springfield, Mo.
April 1—101 Ranch, Marietta, Okla.
If you want to buy Holsteins see Mott.
If you want to sell Holsteins see Mott.
Address W. H. MOTT, HERINGTON, KAN.

Shungavally Holsteins

We have decided to spare a few females, any age to suit purchaser. We have more state records in the 305 day division than any herd in Kansas in our fourth year of continuous testing. Buy your bull calf now.

IRA ROMIG & SONS, Sta. B, Topeka, Kan.

Wanted a Home For

No. 1—A 32.5 lb. bull.
No. 2—A 1,030 lb. bull.
No. 3—A 660.57 lb. bull.
These bulls are yearlings, very good individuals, and sired by Illinois Tritonia Homestead One, a bull with remarkable year record backing. Write for pedigree, photo and prices. **G. G. MEYER, BASEHOR, KAN.**

Ewing's Federal Accredited Holsteins

Young cows, good producers, some fresh, others springing. Bred or open heifers. Bulls from record dams. Ready for service.

T. M. EWING, Phone Jefferson, Kan.

Address Route 1, Independence, Kan.

Holstein Cows For Sale

40 reg. and high grade Holstein cows. Fresh and heavy springers. Parkview Farm, Rt. 8, Topeka, Kan. Opposite Gage Park.

Reg. Holstein Bulls

2 to 18 mo. old. Good dams, 30 pound sire. \$30 up.

V. E. CARLSON, FORMOSO, KAN.

HOLSTEIN HEIFER CALVES, \$17.50

High grade from good producing stock in tuberculin tested herd. Crated, f.o.b. Topeka, \$17.50. Parkview Farm, Rt. 8, Topeka, Ks.

BULLS. Calves up to mature bulls. Some out of A. R. O. dams. Federal accredited herd. Might sell a few females too.

A. W. Copeland, McCracken, Kansas

BRAEBURN HOLSTEINS

Bull calves for sale; also cows and heifers.

H. B. Cowles, 433 Kansas Ave., Topeka, Kan.

\$35 BUYS REGISTERED HOLSTEIN heifer calf. Bulls \$15.

Sam Stoughton, Hutchinson, Kansas.

REG. HOLSTEIN BULLS, 6 mo. to yearlings, sired by U. S. Korndyke Johanna Segis 263147.

Farmer prices. Daniel Cilkenbeard, Wetmore, Kan.

FOR THE VERY BEST HOLSTEIN or Guernsey calves 7 to 9 weeks old, write Spreading Oak Farm, Whitewater, Wis.

POLLED SHORTHORNS



12 POLLED SHORTHORN BULLS 7 to 20 months, \$50 to \$200. Also females. One Scotch horned bull and others.

J. C. BANBURY & SONS, PRATT, KANSAS

MILKING SHORTHORNS

MILKING SHORTHORNS OF MERIT
A nice lot of bulls from 6 to 14 months old. A great bargain in my May & Otis herd bull.

R. M. ANDERSON, BELOIT, KAN.

HEREFORD CATTLE

Three Reg. Hereford Bulls

Fifteen to twenty months old. Price right.

H. F. MILLER, NORCATUR, KAN.

BRED OR OPEN HEIFERS AND COWS
Bulls—calves to breeding age. Sired mostly by Romulus 38, a Beau Mystic sire. Bred females in service to Model Boy by Rocky Boy. Lester Schroeder, Albert, Ks.

POLLED HEREFORD CATTLE

TRUMBO'S POLLED HEREFORDS. Heifers: Coming yearlings to 3-year-olds, bred or open. Bulls: Calves to serviceable age. Herd sires: Abe G. a Polled Success, and Echo Mystic, a Polled Admiral Dams: Ideal, Rex Onward, etc. **W. W. Trumbo, Peabody, Kan.**

CHESTER WHITE HOGS

Chester White Bred Sows

40 selections from the Blue Grass Herd, that has 23 firsts, 16 of them champions in recent leading shows.

Sale in Pavilion,

Hiawatha, Kan.,

Monday, January 28

Mostly bred to Kansas Pathfinder, Blue Grass Giant and Blue Grass Again and Kansas Type. If you wish to own some of the best it is possible to produce come to this sale.

Write today for sale catalog.

EARL LUGENBEEL, Padonia, Kan.

CHESTER WHITE BRED SOW SALE

Feb. 21, 1924. Write for folder.

Emil Youngberg, Essex, Iowa.

Well, Winfield, Kan.; Means Bros., Arkansas City; L. L. Ready, Anthony, Kan.; A. R. Rhinehart, Wichita; Grover Murphy, Corbin, and Thomas Murphy, Corbin.

O. S. Andrews of Greeley, Kan., has built up a good producing herd of Holsteins. Practically all of the animals in the herd were bred on the Andrews farm and include representatives of some of the best families of the breed. The herd is Federal accredited.

The hog show at the Kansas National will be held in the section given over to hogs. Sufficiently large space will be available for the show, which relieves the exhibitor from driving his hogs out into the auditorium proper, some distance from the hog section.

The Big "4" Duroc sales in the south half of Kansas come off next week as follows: Monday, Feb. 4—F. J. Schaffer, Pratt, Kan.; Tuesday, Feb. 5—Zink Stock Farms, Turon, Kan.; Wednesday, Feb. 6—G. M. Shepherd, Lyons, Kan.; Thursday, Feb. 7—W. H. Fuls, Langdon, Kan.

The Kansas State Holstein Association will have a dairy products exhibit at the Kansas National, Wichita, Kan. The purpose of the exhibit will be to show how milk and milk products should be cared for in a sanitary way, detection and prevention of tuberculosis and other diseases, proper feeding and care of dairy cow, etc.

Sixty head of horses, mules, jacks and jennets have been consigned to the Kansas National sale by W. C. Elledge, Hiattville; Claude Beeson, Arkansas City; William Denison; Ft. Scott; H. Marshall, Winfield; C. B. Team, Wichita; C. L. Wallard, Geuda Springs; Ed Nickelson, Leonardville; and Fred Beeson, Arkansas City. There will also be 40 head of saddle horses.

It is about time for pig club members to begin looking around for bred gilts. Avoidance of excessive shipping rates is to be considered and members might well buy near home if satisfactory gilts are available. Pig club members of Southwestern Kansas will find some very good herds in their territory, all within a reasonable shipping distance. Look them up and save expense.

Eighty-two head of Shorthorns have been consigned to the Kansas National sale by W. A. Young, Clearwater, Kan.; J. C. Robinson, Towanda; John Regier, Whitewater; Tomson Bros., Wakarusa; Fred Abildgaard, Winfield; H. C. Lookabaugh, Watonga, Okla.; The Allen-Cattle Company, Colorado Springs, Colo.; W. A. Forsythe, Greenwood, Mo.; and Sni-A-Bar Farms, Grain Valley, Mo.

S. D. Shaw, Williamsburg, Kan., has the best boar he ever had at the head of his Duroc herd. This April pig is tall and rangy. He has an exceptionally good arched back. In the last two months he has grown 3½ inches taller and is not thru yet. He is by Great Orion Sensation out of a daughter of A High Sensation. Consequently he has a right to grow big. Mr. Shaw holds his annual spring sale Monday, February 25.

Gardner P. Walker, Ottawa, Kan., owns and operates a large clothing store. His hobby and recreation is in supervising a purebred Duroc herd on his farm some miles out of Ottawa. He started in the purebred business a year ago, altho he has been raising grades for some time. He has a fine large hog house and farrowing houses. In the Duroc herd are some good hogs. There are two superior individuals. One is a Critic bred sow and the other is an A High Sensation bred sow. There is a litter by Great Orion Sensation.

On the strength of our recommending a gilt to a breeder at a Poland sale we attended four years ago another man overheard our remarks and bid and bought the gilt. He followed it up by buying two more at the sale. Said he had never owned a purebred hog but would try it out with a few. This young man, Miles Austin, Burrton, Kan., lost one of the gilts but from the other two founded a mighty good small herd. Out of one of the gilts he got a good herd sire, M's Pride, that he recently disposed of and is now on the lookout for another herd sire. Mr. Austin has shown and won several good ribbons at the state fairs.

Pathfinder Jr., farrowed April 10, 1920, owned by W. H. Fuls, Langdon, Kan., is one of the few remaining sons of old Pathfinder, a boar that showed the big type Duroc into prominence and acceptability among breeders desiring smoothness along with big type. Increased size tends to carry with it roughness in the big type hog. Because of what he had done himself toward keeping smoothness in the big type sons of old Pathfinder came into demand. Fortunately, most of the sons carried on in the same manner as their sire. This Pathfinder boar of Mr. Fuls has proven himself a good sire as indicated by the fact that his sons and daughters have done well in show rings. They have done well in the feed lot also. The Fuls Pathfinder bred hogs have been in demand. Mr. Fuls holds his annual spring sale Thursday, Feb. 7.

Frank J. Schaffer, Pratt, Kan., maintains a well balanced farm. Each year he puts in a large acreage of wheat but he also keeps good sized herds of cattle and hogs. Purebred Duroc Jerseys are his special choice of all livestock. He takes extra good care of the hogs—is well prepared to do it. He has the farm well fenced and cross fenced and has a number of good barns and sheds well built and well grouped for hog production. Nothing goes haphazard on the Schaffer farm and that the hogs are well cared for is indicated by appearance of his hogs to any visitor who might drop in any time to look at the hogs. His two sires are Pathmaster's Pride by Pathmaster and Schaffer's Smooth Sensation by Great Sensation Wonder. The herd sows are by well known sires. Last February Mr. Schaffer held his first public sale of purebred Durocs, Monday, February 4, this year, he holds another sale at his farm near Pratt, Kan.

W. H. Mott, Herington, Kan., manager of the Holstein show and sale at the Kansas National, announces that there are 113 head entered for the show and 65 head entered for the show sale and more entries coming in daily. Sixteen show consignors are Geo. Hartwell, Jamestown; C. L. Goodie, Derby; G. M. Smith, Augusta; C. L. Somers, Wichita; W. H. Mott, Herington; W. I. Turner, Milton; C. P. High, Derby; Geo. B. Schuyler Nichols, Herington; J. C. Dulaney, Adams; Geo. Young, Manhattan; C. E. Williams, Hiattville; L. C. Donley, Mt. Morris, Colo.; Union College, College View, Mo.; A. J. King, Kansas City, Mo. The sale assignment includes a number by a 44-lb.



8th Annual Kansas National Livestock Exposition, Poultry and Pet Stock Show Wichita, Kansas, January 28 - February 2

SEE
WONDERFUL PURE BRED LIVESTOCK
FANCY POULTRY AND PET STOCK
LIVESTOCK AUCTION SALES
LIVESTOCK PAGEANTS
LOCAL SOCIETY HORSE SHOW

SEE
BRILLIANT, THRILLING EVENING
ENTERTAINMENT
GENUINE SPANISH FIGHTING BULLS—
Senor Francisco Alonzo and Troupe of Super
Bull Fighters in Pantomime BULL FIGHTS

WILDEST OF THE WILDEST WILD WEST STUNTS

Kansas Livestock Association Convention, Hotel Lassen, Wichita, Jan. 30 - Feb. 1

ASK AGENT FOR REDUCED RAILROAD FARE

For Further Information Address Horace S. Ensign, Mgr., Wichita, Kan.

Kansas Spotted Poland Herds

Spots Out of Large Litters

Spring pigs, both sexes, by Master K. 19th, Cornage, and My Searchlight. Well marked. All double immuned. All by boars out of large litters and these pigs for sale are out of large litters.

PETE ANDERSON, BURLINGTON, KAN.

Largest Spotted Poland Herd in Kansas

Headed by 6 boars including Master K. King of England Jr. by King of England, etc. All classes for sale at all times. Write me your needs.

A. S. ALEXANDER, BURLINGTON, KAN.

Moving to Holton, Kansas

After March 1 my herd of Spotted Poland Chinas and registered Herefords will be located on the Henry Haag farm near Holton, Kan. Visitors welcome. Look up my consignment in the Pottawatomie County S. P. C. Association sale, February 15 at Onaga.

D. J. MUMAW, ONAGA, KAN.

Big Clean Up Farm Sale

In my dispersion sale January 10, 74 sows and gilts averaged over \$50. I am selling 150 head in my farm sale. 25 are bred sows, others fall pigs, etc. All eligible to registry. Write for particulars.

HENRY HAAG, HOLTON, KAN.

Choice Spots-Attractive Prices

Bred sows and a choice collection of fall pigs at attractive prices. Every hog in good condition. Sires in use: Arch Prince by Arch Back King and The Topic by The Night Rider.

W. P. HAMILTON, BELLE PLAINE, KAN.

Bale's Spots

Bred spring gilts in service to Ranger B. by Model Ranger, and Imperial Commander, a straight big type sire by Attaboy, 1923 Topeka fair grand champion. Prices are reasonable.

C. W. BALE, CHASE, KAN.

Miller & Manning Offer

Spring boars of outstanding quality in breeding and as individuals. Open gilts or bred for spring farrow. Write us your wants today.

MILLER & MANNING, Council Grove, Kan.

SPOTTED POLAND CHINA HOGS

BRED SOWS \$30 to \$35; bred gilts \$25; spring pigs \$12.50; fall pigs \$7.50. Arch Back King breeding. T. L. Curtis, Dunlap, Kan.

HAMPSHIRE HOGS

TYLER'S TIPTON BRED HAMPSHIRE'S We are offering a few choice tried sows and the smoothest bunch of gilts we have ever raised; also some choice boars.

A. N. Tyler & Son, Route 2, Reading, Kan.

Whiteway Hampshires on Approval

Choice spring boars and gilts, big stretchy kind with plenty of quality. Also fall boars. All sired by champion boars. Priced for quick sale.

F. B. WEMPE, FRANKFORT, KANSAS

RED POLLED CATTLE

RED POLLS Choice young bulls and heifers. Write for prices and descriptions.

Chas. Morrison & Son, Phillipsburg, Kan.

Landmarks of the Breed—VIII



Look Me Over 19417A

Students of Spotted Poland Chinas always will feel an interest in the best early strains of Poland Chinas that showed a tendency to white markings. It was this tendency, persisting thru the period of insistent demand for "all black with white points" which provided the beginnings of the present breed.

Unfortunately so much Poland China history was made during a time when any white, excepting at the "points," was unfashionable that little information is available.

One of the reasons for this was the great boar, Look Me Over 19417 a. He had that tendency. His most famous son, Klever's Model, also showed it, as did his most famous granddaughter, Anderson's Model. It still is possible to find men who have seen several Anderson Model litters. They seldom, if ever were sired by a boar good enough to use on such a sow yet they were great litters and always contained one or two good spotted ones.

Look Me Over was bred by Charles Fraser of Ohio and farrowed Nov. 6, 1890. After proving himself he was sold to Hart & Minnis of Illinois, and later was bought for \$3,600, a record price then, by a Missouri company. The president of that company was J. E. Summers of Clifton Hill. Other members were Liggett Bros., Clem Meyer and Wood Bros., of Stanberry; Gartin Bros., Darlington; Lachner Bros., Maryville and N. E. Mosher & Son of Salisbury.

As an individual, as well as a sire, Look Me Over merited the relative prominence being given him. He preceded the excessive "refinement" to which some herds of Poland Chinas were subjected later, and was a big hog, his weight in breeding condition having been given as 800 pounds. But

MODEL RANGER

1922 world's Junior Champion. Now owned by us. The highest priced boar of the breed this year. Bred sow sale February 27. Catalogs upon request. Gilts by The Harvester, Singleton's Giant, etc. and bred to Model Ranger. Other herd boars: King of Creation by Arch Back Rainbow King, and Pickett Chancellor by Pickett's Spotted Giant. HIGHWAY FARM, Marysville, Kan. Dr. J. A. Beveridge, Owner.

Bazant's Big Spots

Bred sow sale at Fairbury, Neb., Jan. 17, sale pavilion. Bred sow sale at farm near Narka, Kan., Feb. 21. A few good young boars for sale and I want your name at once for my sale catalog. Address R. J. BAZANT, NARKA, KANSAS. Two herds on two farms.

POWELL'S SPOTTED POLANDS

Sows and gilts bred to Realization 2nd. by Realization and Disher's Carmine by King of Carmine. Immuned, registered, guaranteed. D. E. POWELL, ELDORADO, KAN.

Worthing Offers Bred Sows

and gilts mated to Revelation's Equal W's Guerdale for March farrow. Also some nice growthy fall pigs, carrying the blood of the grand champion, Leopard Improver. We take pleasure in answering your inquiries.

RAY WORTHING, BELVUE, KAN.

Bargains in Baby Pigs

Papers with each pig. Also top spring boars by Master K. English breeding. Write today.

M. N. THILLE & SON, Cawker City, Kan.

SPRING GILTS—FALL YEARLINGS

Bred for spring farrow. We will make the price right if you buy this month.

Geo. F. Crabill & Son, Cawker City, Kan.

for the scandal over the alleged substitution of another boar for the real Klever's Model, said to have died in opportunity thus interfering with the plans of George Council for a great sale, Look Me Over's descendants might have held the breed in line with a bigger, more practical hog, which position, later had to be regained at great cost. Even another good son, Hadley's Model, progenitor of some of the "big type" Hadleys, suffered loss of popularity, and from the center of the Poland China stage the tribe soon drifted into the hands of small breeders and farmers, thru whom largely it was saved from its important work in founding a new breed.—T. W. Morse.

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JERSEY CATTLE

Reg. Jersey Cows

Yearlings and heifers, highly bred. Also bull calves, from R. of M. and State Champion cows. Sired by a son of Fern's Westford Noble. Twice grand champion at the National Dairy Show. Will also sell my junior herd sire. His dam has two state records and is a silver medal cow. His sire is from a double gold medal cow. This is a real show bull and a proved sure breeder. Let me know your wants.

CHAS. H. GILLILAND, Mayetta, Kan., Rt. 1

REGISTERED JERSEYS for sale. Three bred heifers, one cow coming fresh, one bull calf.

R. O. McKee, Marysville, Kan.

BERKSHIRE HOGS

When Wanting Berkshires write NASH & SONS, ESKRIDGE, KAN. Oldest firm in the state.

BERKSHIRE REG. BOARS serviceable age \$17.50. Gilts bred \$30. Weanlings \$15 pair. Guaranteed.

F. M. Luttrell, Paris, Mo.

When writing advertisers mention this paper

AYRESHIRE CATTLE

Grow Into the Dairy Business

with an Ayrshire bull calf. Unrelated females to go along. Priced so you can't afford to let someone else get there first. Ask for list.

DAVID G. PAGE,

Fairfield Farm, Topeka, Kan.

Cummins Ayrshires

Females all sold. Some choice bulls 4 to 8 mos. old. R. W. CUMMINS, PRESCOTT, KS.

GUERNSEY CATTLE

GUERNSEYS Reg. Guernsey bull calves, May-Rose breeding, 6 weeks to serviceable age. From \$50 up. Easy payments if desired. C. F. Holmes, Overland Guernsey Farm, Overland Park, Ka.

GALLOWAY CATTLE

Registered Galloway Cattle For Sale Address: Fashion Plate, Silver Lake, Kan.

The Big "4" Duroc Sales

Responsible Breeders—Well Known Breeders
Championship Breeding—Good Individuals
Good Sows And Gilts Well Mated To Outstanding Sires

You Will Find What You Want at Schaffer's Pratt, Kansas, Monday, Feb. 4

5 tried sows, 15 fall yearlings, 15 spring gilts, 1 spring boar.
DESERVEDLY WELL KNOWN Sires OF THE OFFERING:
Originator by Stills out of a Col. dam, 5 times junior champion in big shows; Pathfinder Paramount, one of old Pathfinder's greatest sons; Major Sensation Col. by Major Sensation, 1919 world's junior champion; Great Pathmaster by Pathmaster, Double Sensation, etc.
OFFERING BRED TO MY GOOD HERD Sires
Pathmaster's Pride by Pathmaster out of a daughter of Big Bone Giant, and Schaffer's Smooth Sensation by Great Sensation Wonder out of Miss Valley Pathfinder by Pathfinder.
We will present a good offering. You will find what you want sale day. Write for a catalog. Mention Mail & Breeze. Address

Frank J. Schaffer, Pratt, Kansas

Sale in heated pavilion at farm 1 1/2 miles north and 1 mile west of Pratt.
Boyd Newcom, Auctioneer, J. T. Hunter, Fieldman.
Send mail bids to J. T. Hunter.

Zink Stock Farms Dispersion Turon, Kansas, Tuesday, Feb. 5

Breeding stock that has shown superiority in Breeding Pen & Show Ring.

OUR TWO GREAT HERD Sires SELL

Great Pathmaster by Pathmaster out of a daughter of Great Sensation. His get have done well wherever they have gone out from our farms; Great Sensation Wonder by Great Sensation out of a daughter of Cherry King Orion. Not only a state fair winner but his get have won consistently in state fairs.

The offering will be sired by or bred to these great boars. Other important sires represented in the offering: Uneeda High Orion, High Sensation, Pathfinder, Great Orion Sensation, Top Sensation, Victory Sensation 3rd, Illustrator, Scissors, Kansas Critic, etc.

There will be a large offering. This dispersion presents the cream of our herd. Buyers will be able to get individuals we would never sell except in a dispersion.

Write for a catalog. Please mention Mail & Breeze. Address

Zink Stock Farms, Turon, Kansas

Boyd Newcom, Auctioneer, J. T. Hunter, Fieldman.
Send buying orders to J. T. Hunter.

The Best Offering I Ever Presented Lyons, Kan., Wednesday, February 6

BRED TO THE BEST BOARS I EVER OWNED

Offering includes Young Bred Sows, Real Ones. Here are a few: 1922 Stafford Co. grandchampion; Dam of 1923 state fair 1st prize senior futurity litter; also selling this litter; 2 gilts by Originator; 2 gilts by Orchard Scissors; several by Sensational Giant; several by Sensational Pilot, etc.

MY THREE GREAT Sires

Sensational Pilot by Shepherd's Orion Sensation. Was 1921 Topeka fair grandchampion. The smoothest big boar ever shown in the state; Unique Top Col. by Unique Sensation, 1921 world's junior champion out of a daughter of Foust's Top Col. His full sister was world's junior champion. A tall, long, smooth, arch-backed, straight legged boar. His get will be a wonderful out-cross in Kansas. Another spring boar—By Great Orion Sensation, the twice world's grandchampion out of a daughter of A High Sensation.

We know that this is our best—We await your verdict sale day. Send for a catalog. Please mention Mail & Breeze. Address

G. M. Shepherd, Lyons, Kansas

Boyd Newcom, Auctioneer, J. T. Hunter, Fieldman.
Send mail bids to J. T. Hunter.

You Can Still Get Pathfinders. I Have One of The Few Remaining Sons of Old Pathfinder

My Sale Will Be

Langdon, Kan., Thursday, February 7

2 tried sows, 15 fall yearlings, 21 spring gilts, 1 fall yearling boar. Offering sired mostly by Pathfinder Jr. by Pathfinder and I Am A Great Wonder Giant and in service to Majestic Orion Sensation by Majestic Sensation. Majestic Orion Sensation is a litter brother to the 1923 Kansas junior champion gilt, and was also in the money at same show.

Pathfinders give the needed smoothness as well as size to the big type Durocs. Sons and daughters of my Pathfinder sire have won consistently in Duroc shows as well as have made good in the feedlots. My sale is likely the only one in Kansas where so many granddaughters of old Pathfinder will be offered.

Come and select one or more of these Pathfinders close up to the fountain head. Opportunities like this are scarce and getting fewer. Select some in service to Majestic Orion Sensation. The pigs produced will make a great cross.

Write for catalog. Please mention Mail & Breeze Address

W. H. Fulks, Langdon, Kansas

Boyd Newcom, Auctioneer, J. T. Hunter, Fieldman.
Send buying orders to J. T. Hunter.

A farm suitably equipped to handle hogs should always have a few good ones on it regardless of fluctuation of hog prices. These sales offer good ones that can be bought very reasonably.—J. T. Hunter.

bull, some by Genesta DeKoll bull, some by Pabst Creator Daisy, some by King Watson Segis Star and some by Canary Butterboy King, etc. It will be a great Holstein show and sale.

Zink Stock Farms, Turon, Kan., hold their annual spring Duroc sale Tuesday, February 5. It will be a dispersion sale. Zink's have raised purebred Durocs for some years and have always been formidable but gentlemanly contenders in the big state hog shows and they have always gone home with their pockets filled with premium money and high ranking ribbons. It's very doubtful if there is any Duroc herd in Kansas any better or more favorably known than the Zink herd.

C. S. Walker, Macksville, Kan., expresses a truth thusly, "Nothing can change for the better any quicker than the demand for hogs and if farmers would just stop to think and figure a little they would know that now is a good time to buy the best breeding hogs available when they can be bought so reasonably." Mr. Walker and his sons have a large herd of purebred Polands headed by Bannerdale Revelation by Revelation and a young son of The Outpost.

G. M. Shepherd, Lyons, Kan., is an enthusiastic breeder of pure bred Durocs. He has been elected and re-elected president of the state Duroc breeders' association for a number of years. At present he is also a director of the National association. Leave it to Shep seems to be the attitude of the Duroc breeders of the state when they want anything started or carried on that will be for the better interests of the state breeders. Mr. Shepherd developed the 1921 Topeka grandchampion boar, Sensational Pilot. Mr. Shepherd will hold his annual spring sale Feb. 6.

Cutting Down Sale Costs

Harvey county, Kan., breeders under the leadership of County Agent Kimball, are making a fee of \$3 per head on hogs and \$6 per head on cattle, for their big combination sale to be held February 20 and 21. Shorthorn and Holstein cattle are scheduled to sell the first day and Duroc, Poland and Spotted Poland hogs on the second day. Sales will be fairly well advertised in Kansas Farmer-Mail and Breeze and the best located county farm papers. Parties wishing to consign should write at once to A. B. Kimball, Newton, Kan., and mention this notice.

The Big Week at Wichita

Following is the order of shows and sales at the Kansas National in Wichita:

Monday, January 28—Judging Shorthorns; starts at 1 p. m.

Tuesday, January 29—Judging Herefords, Hogs, Horses, Mules and Jacks; all day.

Wednesday, January 30—Shorthorn sale; starts 1 p. m.

Thursday, January 31—Hog sale; starts 10 a. m. Hereford sale; starts 1 p. m. Judging Holsteins all day.

Friday, February 1—Holstein sale; starts 10 a. m.

Saturday, February 2—Horse, mule, sheep sales, etc., all day.

Holstein School at Wichita

On the forenoon of the big Holstein sale at the Kansas National Livestock Show and Sales, a school in Holstein judging will be held. The school will be conducted by R. E. Haeger, member of the famous committee on breed type employed by the Holstein Friesian Association of America. The Holstein sale will be Friday, February 1, and the school will be held the forenoon of the same day, which will be the next to the last day of the Kansas National show. W. H. Mott of Herington, Kan., manager of the Holstein sale, arranged with Judge Haeger to conduct the school.

Northern Kansas

By J. W. Johnson



L. U. Pyle, Kensington, Kan., breeds Poland Chinas and at present has a fine lot of gilts by Kensington Liberator.

F. J. Colwell, Glasco, Kan., breeds Shorthorns and is an active member of the Northwest Kansas Shorthorn Breeders' Association.

Vavroch Bros., Oberlin, Kan., sell Duroc Jerseys March 1. They are breeders of Hereford and Shorthorn cattle and Duroc Jerseys.

J. T. Morton, Stockton, Kan., will sell Poland China bred sows at that place March 11 instead of February 26, as was originally planned.

J. F. Martin, Delavan, Kan., breeds Duroc Jerseys of the very best and is reserving for his own herd 18 of the tops that are bred for spring farrow.

Al E. Smith, Lawrence, Kan., has a nice lot of jacks and is one of the old reliable breeders of jacks that everyone interested in raising good mules knows.

Booz & Bradskey, Fortis, Kan., have called off their Chester White hog sale but say they are sure going to hold two sales next year, one in the fall and another in the spring.

John Heinen, Cawker City, Kan., attended the Singleton Spotted Poland China sale in Missouri last week and the Henry Haag sale at Holton. He bought a nice lot of bred sows and gilts.

C. G. Nash & Sons, Eskridge, Kan., are the pioneer breeders of high class Berkshires, in Kansas at least. The "Nashanals" herd of Berkshires is well known all over the country because of the state fair prizes it has won.

W. J. O'Brien, Tonganoxie, Kan., well known because of his activities in Holstein affairs a few years ago, is still in the game and is conducting a nice little dairy at his farm and hauling the milk to Lawrence every morning.

F. C. Woodbury & Son, Sabetha, Kan., have about 60 Duroc Jersey bred sows and gilts bred to King Tut, champion at Topeka 1923. They were planning a bred sow sale but as the demand for gilts has been good they have called off their sale.

A. C. Lobough & Son, Washington, Kan., will sell Shorthorn cattle and Poland China

hogs in the sale pavilion at Washington, Kan., Feb. 16. Washington is fortunate in a good sale pavilion which brings most of the big stock sales in that section to their town.

A. E. Pilnacek, Atwood, Kan., Rawlins county, breeds Shorthorn cattle and Spotted Poland China hogs. He attended the farmers meetings at Topeka last week and took in the Henry Haag sale of Spotted Poland Chinas at Holton on Thursday. He will hold a sale of bred sows this spring.

D. J. Mumaw, Onaga, Kan., breeder of Hereford cattle and Spotted Poland China hogs, has leased the Henry J. Haag farm near Holton, Kan., and will move there about March 1. Mr. Mumaw is one of the promoters of the Pottawatomie County Spotted Poland China Breeders' Association and is a consignee in the association's February 15 bred sow sale at Onaga.

Ople O. Mowrey, of Luray, Kan., has at the head of his Duroc herd the splendid yearling boar "Improver," a litter mate to the boar that won first in the junior yearling class at the Kansas Free Fair. He also is half brother to the world's grand champion sow, 1923, the Nebraska grand champion boar and the first prize junior yearling boar at the Oklahoma state fair, 1923. All of the Mowrey herd sows, as well as the gilts offered for sale, are bred to this good boar.

The Blue Valley Shorthorn breeders' association held its annual meeting at Marya-

SPECIAL RATES

For Purebred Livestock Advertising

For \$1.20 per issue you can have your advertisement printed under the proper breed classification of the Kansas Farmer and Mail and Breeze, in a space of three agate lines, which will carry from 10 to 20 words, depending on the kind of type used. Figure any larger space on the basis of 40 cents per agate line.

Thus a space of 10 agate lines, or about three-fourths of an inch deep and one column wide costs \$4, which means that for you we carry this advertisement (containing 20 to 60 words, depending on the type you use) to the farmers of Kansas and Eastern Colorado, at about three and a quarter cents for each 1,000 farms reached. No other advertising is so economical.

Write your own advertisement or send us the facts about your herd and what you have to sell, and we will be glad to fix up your advertisement for whatever space (of three agate lines or more) you say. Ask about small stock cuts for free use in advertisements.

For public sale advertising be sure you start early enough. You can interest a given number of prospective buyers at less expense by running a moderate advertisement in 3 or 4 issues before your sale than by waiting until there is only time for one advertisement. Consult the fieldmen in such matters, or write them as follows:

John W. Johnson, 320 Lincoln St., Topeka, Kan., for the northern territory; J. T. Hunter, 3734 East Central Ave., Wichita, Kan., for the southern territory.

Or send your instructions to T. W. Morse, Director of Livestock Service, Capper Farm Press, Topeka, Kan.

SHORTHORN CATTLE

SHORTHORNS THE FARMER'S CATTLE

Shorthorn cows are profitable milkers and their calves grow into steers that make rapid gains in the feed lot and dress out a high percentage at the market. For information write

American Shorthorn Breeders Assn., 13 Dexter Park Avenue, Chicago, Illinois

Tomson Shorthorns

Over 200 head of select breeding in our herds. Herd bulls for sale by our great breeding bulls, Village Marshall or Marshall's Crown. A large number of cows and heifers offered at moderate prices.

TOMSON BROS., Wakarusa, Kan., or Dover, Kan.

Amcoats Shorthorns

We offer a few very choice bulls from 12 to 15 months old, straight Scotch, nice roans and real herd bull material.

S. B. AMCOATS, CLAY CENTER, KAN.

C. W. Taylor, Abilene, Kan.

offers a nice lot of young Shorthorn bulls for sale, 6 to 15 months old, from his herd and nearby herds. A nice lot of calf club material. Address as above.

Choice Lot of Shorthorn Bulls

for sale. Scotch and Scotch topped. Real herd headers. Also some cows and heifers. See my list before you buy. H. W. ESTES, SITKA, KAN.

Reds, Whites and Roans

For sale: Shorthorn bulls from 8 to 12 months old. M. H. ROBERTS, WESTMORELAND, KAN.

10 Reg. Shorthorn Cows

Three to six years old, reds and roans. Also a herd bull, Gainford Lancer 327134, by Gainford Champion, a ton bull. F. J. COLWELL, GLASCO, KAN.

HEIFERS, COWS, BULLS—all ages. Scotch and Scotch topped. Senior sire by Scotch Cumberland, Jr. by Ashbourne Choice. Dams include Cruickshank Secret, Bate, Young Marys. Elmer Conard, Rush Center, Kan.

SHEEP

HAMPSHIRE AND SHROPSHIRE RAMS Best of breeding: reg. Cedars Row Sheep Farm, A. S. Alexander, Prop., Burlington, Kan.

Northern Kansas Duroc Herds

Okawanna Stock Farm

Offers sows and gilts bred to Uneeda Path by Uneeda Orion Sensation, Giant Sensation, Wonder I Am and My Leading Sensation. Every day is sale day except Sunday.
E. M. HALLOCK, ADA, KAN.

Bred Sows and Gilts

Pathfinder and Sensation breeding, bred to Ideal Sensation for March and April farrow. Also big growthy fall pigs. All immunized and guaranteed. Priced to sell. Write today to
BOHLEN BROS., DOWNS, KAN.

Fall and Spring Gilts

Bred or open. Also a few spring boars at right prices. Two of them by Sensation King I Am and out of a G. O. S. dam.
50 Bred Sows, Sale February 6.
E. E. NORMAN, CHAPMAN, KAN.

Improver

This wonderful boar with great and proven qualities stands at the head of our herd. A sow or gilt bred to him will raise a valuable litter. OPIE O. MOWREY, Luray, Kan.

Duroc Weanling Pigs

and males ready for service. Registered, immunized, shipped on approval and a year to pay. Write for booklet and photographs.
STANTS BROS., ABILENE, KAN.
(Herd located at Hope.)

VALLEY SPRINGS DUROCS

Our herd boars are by Stills, Scissors Pathfinder Paramount and Great Orion Sensation. Sows and gilts bred for spring farrow. Boars, all ages. Pairs not related, immunized, registered, guaranteed breeders, farmers' prices, year's time, satisfaction or no sale.
E. J. BLISS, BLOOMINGTON, KAN.

Bred Sow Sale Feb. 7

50 gilts bred to The Winner and King of Constructors. Also a few to Kansas Giant. Sale catalog upon request to
WOODY & CROWL, BARNARD, KAN.

WALNUT HILL STOCK FARM DUROC JERSEYS

Yearling boars, spring boars and spring gilts for sale. Real hogs at fair prices.
D. C. ASHER, LAWRENCE, KANSAS

By Scofield's Model Orion

Two yearling boars, one out of a Pathfinder Chief 2nd dam, one out of a Pathfinder Jr. dam. Both these good yearling boars sold on approval. Some dandy weanlings about January 1. Write
J. L. SCOFIELD, OSAGE CITY, KAN.

Yes, Commander Giant

Bred Sow Sale February 29, at farm adjoining town. 5 tried sows, 18 spring gilts, 10 January and February gilts. All either by Commander Giant or bred to him. Write now for sale catalog.
J. J. SMITH, LAWRENCE, KAN.

The Duroc Herds

advertised in this section are owned by the progressive Duroc breeders of Northern Kansas. Look this section over if you are in the market for Duroc herd material. It will be worth the time and trouble.

Feb. 16—W. H. Sheldon, Inavale, Neb. Sale at Red Cloud, Neb.
Feb. 19—R. R. Frager, Washington, Kan.
Feb. 20—J. S. Fuller, Alton, Kan.
Feb. 21—R. J. Bazant, Narka, Kan.
Feb. 26—S. R. Tucker, Codell, Kan.
Feb. 27—Dr. J. A. Beveridge, Marysville, Kan.
Feb. 28—Community Breeders Sale, Chapman, Kan.
March 12—Arthur Money, Dunbar, Neb.

Duroc Jersey Hogs
Jan. 28—Dr. T. P. Rose, York, Neb.
Feb. 2—E. O. Hull, Reese, Kan.
Feb. 4—Frank J. Schaffer, Pratt, Kan.
Feb. 5—Zink Stock Farms, Turon, Kan.
Feb. 6—G. M. Shepherd, Lyons, Kan.
Feb. 6—Vern Albrecht, Smith Center, Kan.
Feb. 6—E. E. Norman, Chapman, Kan.
Feb. 7—Woody & Crowl, Barnard, Kan.
Feb. 8—Community Sale, Cawker City, Kan.
Feb. 9—Breeders' sale, Concordia, Kan.
Feb. 12—At Topeka, Kan. W. R. Huston and S. M. Biddison & Son, Americus, Kan.
Feb. 13—H. E. Mueller, Macksville, Kan.
Feb. 14—Geo. Dimig, York, Neb.
Feb. 14—Glenn Loughhead, Anthony, Kan.
Feb. 16—G. E. Woodell, Winfield, Kan.
Feb. 18—Chas. P. Johnson, Macksville, Kan.
Feb. 20—Mansfield & Jennings, Ottawa, Kan.
Feb. 21—E. G. Hoover, Wichita, Kan.
Feb. 22—Archie Clark, Howard, Kan.
Feb. 23—G. W. Bickensstaff, Oberlin, Kan.
Feb. 23—Ray Cooley, Plymouth, Kan. and Will Albin, Saffordville, Kan. Sale at Emporia, Kan.
Feb. 29—J. J. Smith, Lawrence, Kan.
March 12—John Hern, Wamego, Kan.
March 26—Saline Valley Breeders, Lincoln, Kan.
Oct. 25—H. W. Flook, Stanley, Kan.

Horses
Feb. 13-14—Nebraska Purebred Horse Breeders, at Grand Island, Neb. C. F. Way, Sec.

Landmarks of the Breed—XIX

The Biggest Ton Litter

A litter of Duroc-Jersey pigs the past season cracked the world's record for "ton-litter" pork production, setting a mark that is likely to stand for some years to come. The twelve pigs weighed 3,898½ pounds or an average of 324.9 pounds per pig at the end of a feeding test of 180 days. This is the world's record for tonnage of pork produced by one sow and average weight per pig in 180 days. The litter was officially weighed September 1st under the supervision of A. L. Ward, Swine Specialist, Texas A. & M. College and officials of the McLennan County Farm Bureau.

The man responsible for this remarkable feat is Vic Hill of Chalk Bluff, McLennan county, Texas. Mr. Hill bred the litter and fed the pigs through the test. There were fourteen pigs in the litter farrowed March 5th. At the end of the contest the pigs were three days less than six calendar months of age. One pig was born dead and another somewhat smaller was killed as the sow was unable to suckle but twelve pigs. The twelve remaining were all raised. When the contest tended the dam was exactly three weeks less than three years of age.

Before weaning time the sow and pigs were fed a ration consisting of corn, pig chow and skimmed milk. After being weaned the pigs were started on a ration made up of 60 pounds of skim milk, 24 pounds of corn feed meal and six pounds of pig chow. This was the daily allowance and was increased just as fast as the pigs would take the increase. They were fed twice a day and given all they would clean up. During the whole period of 180 days the litter was allowed the run of an 18-acre Bermuda grass pasture with a pond of water and some shade trees.

In order to avoid any possibility of error and to be certain and correct on every point, the litter was ear marked when seven days old by County Agent E. R. Eudaly in the presence of his assistant and the president of the local County Livestock Association. The scales used to weigh the litter were tested and sealed by the city inspector of weights and measures of Waco, Tex.

During the test the litter consumed 16,616 pounds of feed as follows: 8,896 pounds of skim milk, 5,420 pounds of corn feed meal, 2,100 pounds of pig chow and 200 pounds of corn in addition to the pasture. These figures show that it required but about 4½ pounds of feed for each pound of gain. This in itself is a record. The value of the feed consumed, including pasture, was \$229.84, making the cost of each 100 pounds of gain only \$5.89. Included in the production cost is a charge for the service fee of the boar. Each pig made an average daily gain of 1.8-10 pounds. The last twenty days the average daily gain was 3½ pounds for each pig. It is doubted if the records made by this litter for economy of production and average daily gain have ever been equalled. At three months of age the litter weighed 1,243 pounds, at 131 days the weight was 2,325 and at 160 days 3,117 pounds.

On the day weighed the pigs were worth 9½ cents on the market, this value being set by Tom Frazier of the Evans-Snyder-Buel Co., Ft. Worth, Texas. The cost of production, \$229.84, deducted from the sale value, \$370.35, leaves a net profit of \$140.51. Mr. Hill realized a great deal more than that, as he won \$335 in cash prizes, and recorded five gilts and four boars, so that he is getting good prices for such of these as he wants to spare.

This litter comes from a long line of big ancestry of show ring conformation and quality. The dam was by L's Pathfinder, the grand champion boar of the Texas State Fair, 1919. He was one of the largest boars ever in service in Texas and was bred and shown by the veteran breeder, George P. Lillard. The litter was sired by a son of L's Demonstrator, the champion junior yearling boar of Texas in 1920. This

35 Bred Sows

Fall yearlings and gilts sired by Orion Select (the 1000-lb. 2-year-old) at auction February 6, 1924, Smith Center, Kan. Bred to a son of Stills and an extra good line bred Pathfinder boar.
VERN V. ALBRECHT, Smith Center, Kan.

R. & S. Farm Durocs

I invite you to visit the R. & S. Farm any time. We have 200 spring pigs and we will be pleased to show you our herd.
A Pioneer Duroc Herd
MELVIN RINEHART, Smith Center, Kan.

65 Sows and Gilts

Bred to Sensation King Jr., bred by E. J. Bliss, and a Pathfinder boar bred by Stants Bros., sired by Model Commander. Also a few good spring boars.
RAY V. HOPKINS, AGRA, KAN.

Bred and Open Gilts

and a few good spring boars for sale at very attractive prices. Write for descriptions and prices. Best of top blood lines.
J. C. MARTIN, JEWELL, KAN.

DUROIS' DISTINCTIVE DEPENDABLE DUROCS

Both distinctive and dependable because we use the utmost care and selection in our breeding operations and because we believe in and apply the Golden Rule to our business. We guarantee to please you.
JAS. T. DUBOIS, AGRA, KAN.

Extra Choice Spring Gilts

Bred to a son of Constructor and my grand champion boar. \$50 each. Also a few choice open gilts, June farrow. Out of splendid sows and boars, \$35 each. Immunized.
W. L. FOGO, BURR OAK, KAN.

Herd Boar For Sale

Sensation Col. by High Sensation and Top Col. bred dam. March 1 yearling, weighs between 600 and 700 lbs., over 40 inches high, 9½ in. bone. Priced reasonable. Also good April boars by Cherry Pathfinder, a son of Pathfinder Paramount. Immunized. Write for descriptions and prices.
SHERWOOD BROS., CONCORDIA, KAN.

60 Bred Sows

We offer at private sale 60 splendidly bred sows and gilts well grown and extra good. Bred to King Tut, Junior Champion Topeka, 1923. Priced less public sale expenses.
F. C. WOODBURY & SON, SABBETHA, KAN.

Duroc Valley Farm Offers

Bred gilts, sired by The Professor, one of the best sons of the World's Champion, Constructor. 25 topy gilts, tops of 50, sired by High Giant, Calculator, Big Bone Wonder and Model Orion Sensation. Write for prices. Address
F. R. JANNE, LURAY, KAN.

Supreme Orion Sensation

Gilts bred to Supreme Originator and Originator's Climax. Here is a mating that is hard to beat. Only a few for sale. Also a few spring boars by Supreme Orion Sensation.
MIKE STENSAAS & SONS, Concordia, Kan.

boar, also shown by George Lillard, was possessed of tremendous scale and length. His sire was the first prize senior yearling at the Nebraska State Fair some years ago. The unheard of weight attained by this litter is a distinct triumph for big breeding. Hogs with scale and length will excel in weight for age which means profit in pork production.—Joe Haaga.

DUROC JERSEY HOGS

SHEPHERD'S CHAMPION BRED BOARS
TEN REAL FALL AND SPRING BOARS. Priced to move at once. None better, few as good. Write for prices and descriptions. Act quick. G. M. SHEPHERD, Lyons, Kan.

Weller's Duroc Jerseys
have been sent to 61 different counties in Kansas. Boars for sale now from 50 to 300 pounds, \$15 to \$35 according to size and quality. Good breeding and bone.
J. E. WELLER, HOLTON, KAN.

Bred Sows and Gilts
By Col. Sensation Type. Others by Sensational Pilot. Also some good boars. We guarantee satisfaction to our customers.
J. C. LONG & SONS, Ellsworth, Kan.

DUROC BRED GILTS
Col. Sensation, Pathfinder and Orion breeding. Farmer's prices. GLEN PRIDDY, ELMONT, KAN.

BOARS AND BRED GILTS, \$30. March gilts bred for April farrow. Sept. pigs, both sexes, \$12. Best Sensation, Orion, Pathfinder breeding. Immunized. John A. Reed & Sons, Rt. 2, Lyons, Kan.

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GREAT SHOW AND BREEDING JACKS
Colts to mature Jacks. Written guarantee.
Hineman Jack Farm, Dighton, Kansas

POLAND CHINA HOGS

Poland Chinas

Public Sale of 39 head. Sale in heated pavilion.

**White City, Kan.,
Saturday, January 26**

8 Tried Sows, 29 Spring Gilts, 1 Spring Boar. Sired by such boars as Nebraska Jack, Blue Hadley, The Yankee Leader, and bred to Giant King, Big Bob and two sons of Rex Chief.

A real offering of good sows bred to good boars. Sale catalog ready to mail. Address,

**Fitzsimmons & Pride
White City, Kan.**

Jas. T. McCulloch, Auctioneer.
J. W. Johnson, Fieldman.

POLANDS, either sex, by Designer and Clotie, Jr. Few Designer and Clotie, Jr. gilts bred to Liberator-Revelation, The Outpost and Checkers-Hardage, at farmer prices. L. R. Houston, Gem, Kan.

Public Sales of Livestock

Percheron Horses

March 6—North Central Kansas, Cawker City, Kan.

Angus Cattle

March 20—Johnson Workman and others, Russell, Kan.

Shorthorn Cattle

Jan. 23—American Shorthorn Breeders' Association, Denver, Colo.

Jan. 26—American Shorthorn Association, Wichita, Kan.

Feb. 14—W. J. Welser, Manhattan, Kan.

Feb. 16—A. C. Lobough & Son, Washington, Kan.

March 6—Geo. Bemis, Cawker City, Kan.

Mar. 25-26-27—Central Shorthorn Association, Kansas City, Mo.

March 26—Saline Valley Breeders, Lincoln, Kan.

April 10—Shortgrass Breeders' Association, Morland, Kan.

Holstein Cattle

Jan. 23—State Holstein Breeders association sale, Beatrice, Neb.

Feb. 1—"Show Sale" Forum, Wichita, Kan.

Feb. 8—H. B. Burger, Seneca, Kan.

Feb. 12—Breeders' sale, Springfield, Mo.

March 7—Northwest Kansas Association, Cawker City, Kan.

April 1—101 Ranch, Marland, Okla.

Hereford Cattle

Feb. 20—Mansfield & Jennings, Ottawa, Kan.

Feb. 27—D. L. Wescott, Bala, Kan.

March 27—Saline Valley Breeders, Lincoln, Kan.

Chester White Hogs

Jan. 28—Earl Lugenbeel, Padonia, Kan., at Hawatha, Kan.

Jan. 29—Wiemers Bros., Diller, Neb.

Jan. 30—Wm. Buehler, Sterling, Neb.

Feb. 1—W. W. Carper, Dunbar, Neb.

Feb. 13—Allen D. Curry and F. E. Shirley, Norton, Kan.

Feb. 16—Morton Bros., Oberlin, Kan.

Feb. 25—Earl Lugenbeel, Padonia, Kan., at Hawatha, Kan.

Poland China Hogs

Jan. 26—Fitzsimmons & Pride, White City, Kan.

Feb. 1—Thos. F. Walker & Son, Alexandria, Neb.

Feb. 7—H. B. Walter & Son, Bendena, Kan.

Feb. 9—L. E. Knox, South Haven, Kan.

Feb. 11—A. L. Wiswell & Son, Ocheltree, Kan.

Feb. 15—C. J. Shanline, Turon, Kan.

Feb. 16—A. C. Lobough & Son, Washington, Kan.

Feb. 18—Logan Stone, Haddam, Kan.

Feb. 19—J. C. Dawe, Troy, Kan. Sale at Bendena, Kan.

Feb. 26—Geo. Wharton, Agenda, Kan.

March 11—J. T. Morton, Stockton, Kan.

March 27—Saline Valley Breeders, Lincoln, Kan.

Spotted Poland China Hogs

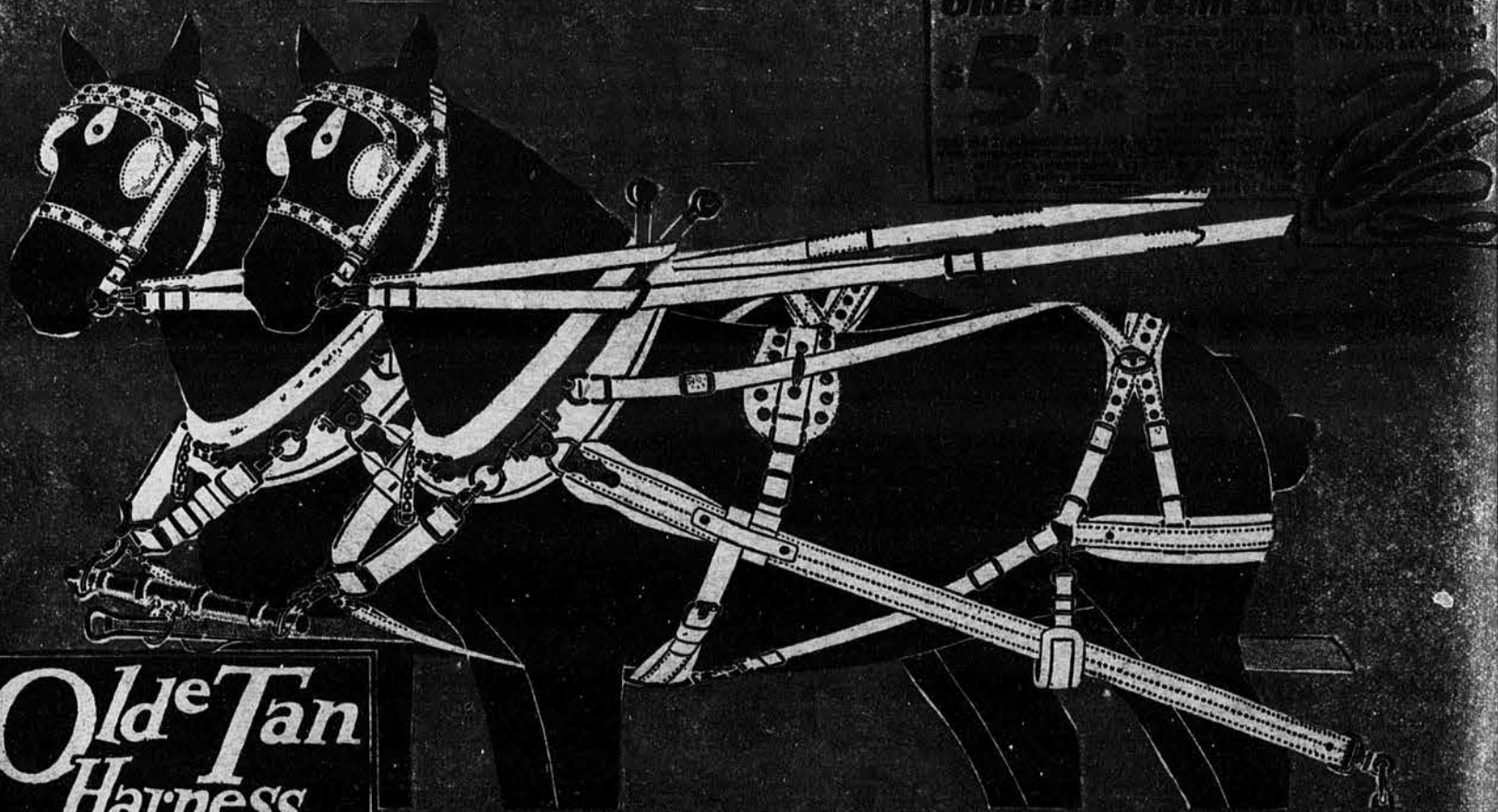
Feb. 15—A. B. Hammer, Clifton, Kan.

Feb. 15—Earnest S. Krouse, Adams, Neb.

Feb. 16—Pottawatomie County Breeders, Onaga, Kan.

SIGNS OF IMPROVING BUSINESS

Wyckoff Bros. of Luray, Kan., breeders of Aberdeen Angus cattle, write that inquiries are improving for this time of year and that they look for a good clearance of surplus animals by spring.



**Olde-Tan
Harness**

Double Wear Certain! Metal-to-Metal Does It

WRITE for the free Harness Book which tells you why Olde-Tan harness wears twice as long as any other high grade harness.

Every spot where there is excessive wear, strain or pull is protected by tough metal, shaped and fitted so that rounded metal parts are adjusted one against the other, thus taking away all corner pulls and sharp strains. No patching or mending of this harness because there are no places for Olde-Tan Harness to wear out. When you buy Olde-Tan Harness you do away with repair bills.

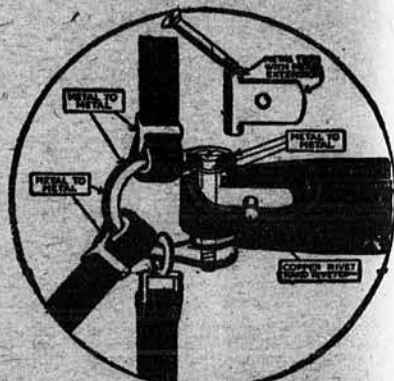
There is 70 year-old tanning skill behind Olde-Tan leather. Three generations of tanner-manufacturers have supervised the production of Olde-Tan Harness, following every step through the tannery and harness factory until the harness is ready for your horses. No wonder that it is known throughout America for its superior quality!

Olde-Tan Harness has every adjustable feature—yet few buckles are used. These are placed only where

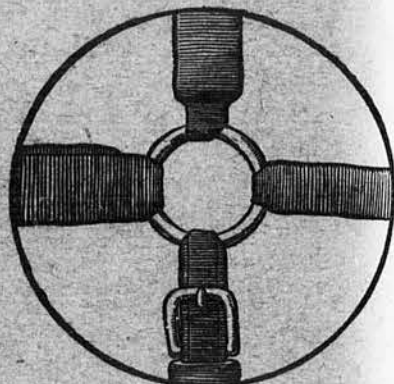
convenience in putting on and taking off the harness is essential. No place where there is excessive strain or pull will you find a buckle on Olde-Tan harness.

You don't have to worry about your harness, if you are sure about the quality of the leather and if it has metal-to-metal construction. Olde-Tan Harness is nothing radical or "new style". We just recognize the fact that nothing wears like metal. We merely place metal against metal to make sure of longer wear. Then, in addition to that, the finest leather that can be tanned is used.

Every Olde-Tan Harness is sold under a guarantee which protects you during the entire life of the harness. Make no mistake. Find out all about Olde-Tan before you buy another set of harness. Write for the free Harness Book today. You may as well have the last word in harness—especially when it costs no more than any other harness you would buy.



Metal-to-metal construction. Metal bushing. Leather held tight without play or friction. Note special riveted metal extension in breeching.



Never this in metal-to-metal construction. All pull strain and wear is on metal.

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the raw hide through the liming and washing pits into the tanning drums and out again, finally to be made into what leather experts declare is the finest leather to be found in the whole world. Remember, our offer is to send you an Olde-Tan Harness absolutely no money down. After the first payment of \$7.50, you may pay the balance in easy monthly installments.

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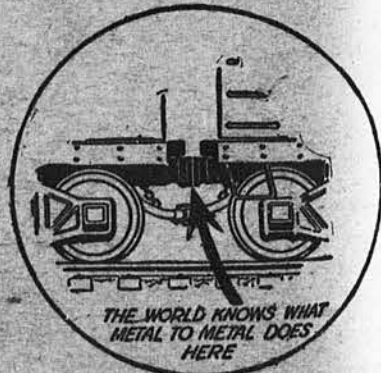
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