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KANSAS FARMER AND MAIL & BREEZE

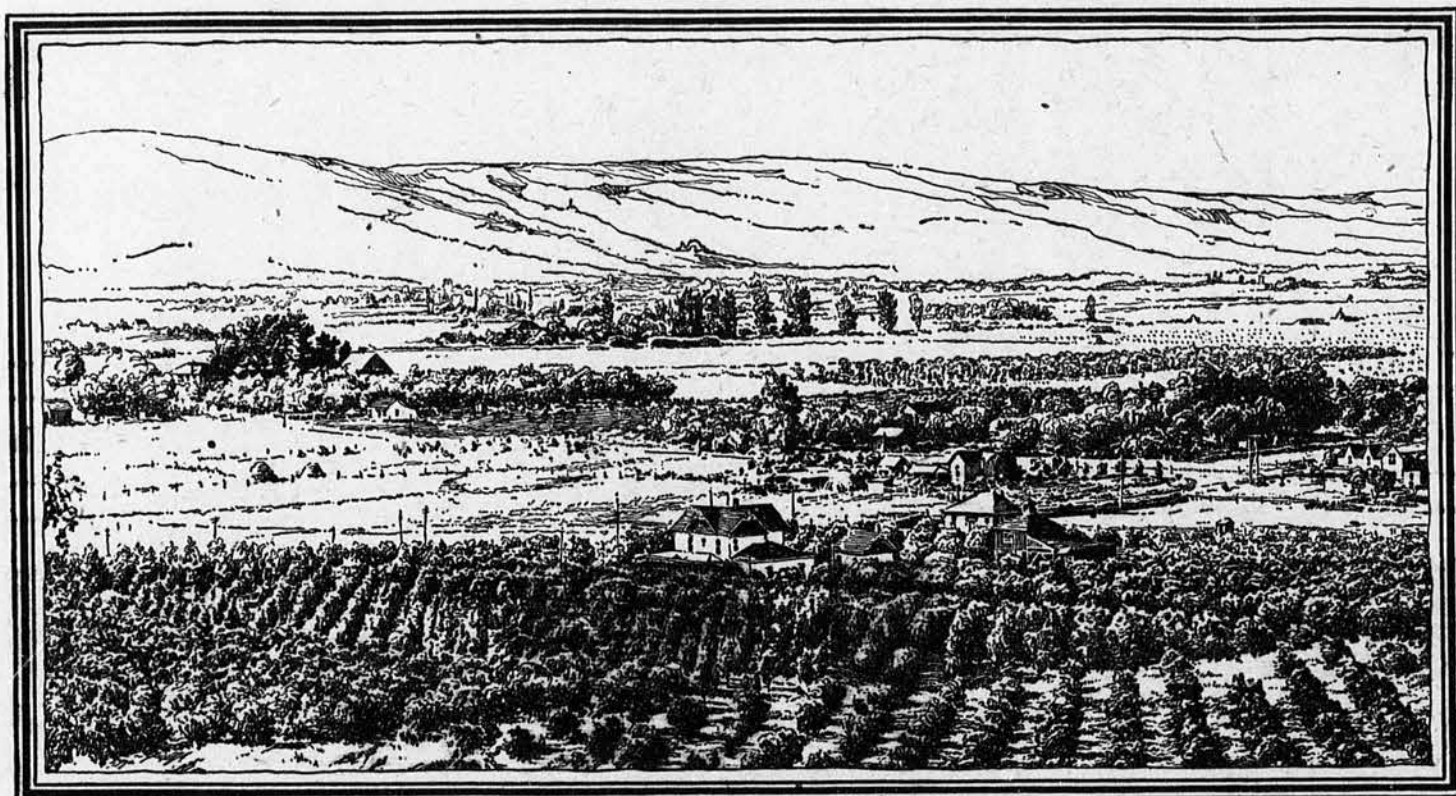
Volume 62

January 26, 1924

Number 4



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KANSAS FARMER and MAIL & BREEZE

January 26, 1924

By Arthur Capper.

Vol. 62 No. 4

Her Hens Cleared \$3 Apiece

Barred Rock Flock Established Four Years Ago is Laying Its Way to Neighborhood Fame in a Community Where "Chickens Don't Pay"

By M. N. Beeler

LAST year Mrs. R. O. Button's Barred Rocks made a net return of \$3 a bird. That is equivalent to 6 per cent on an investment of \$50. She began the year with 100 hens. Four weeks ago she had 112 birds and her records showed net receipts above feed cost of \$270 for the 12 months. That does not include 40 birds consumed by the family during June to December nor does it take account of the eggs used on the farm. She estimates the value of birds used for meat at 75 cents each, which would bring the earnings of the flock up to \$300. That is equivalent to 6 per cent on an investment of \$5,000. If the family of six consumed an average of three dozen eggs a week and if they were worth 10 cents, and if the increase in the flock be valued at \$2 a bird, then each of the hundred hens earned almost a penny a day net.

Had Faith in Poultry

Mrs. Button lives 5 miles northwest of Topeka. Folks in the neighborhood said chickens wouldn't pay. There were too many pests and parasites and diseases. Mrs. Button thought the chickens might be protected. The neighborhood said that would be unfortunate because every one that passed away saved her owner feed bill.

Mrs. Button had faith in poultry. At two or three years of disappointing experience with a mongrel flock seemed to confirm the neighborhood's opinion. But she wasn't discouraged. Nor did she blame the chickens entirely, altho they had very little to commend them. They were a mixed lot of white birds and it would be ridiculous to their original blood to mention breed names. "I would really have been a waste of time to give them better care when the same effort with other birds would give more satisfac-

tory returns for the whole year's work.

Four years ago Mrs. Button sold the whole flock. The neighborhood approved. Then she invested in two dozen standardbred Barred Rocks. The neighborhood disapproved. Mrs. Button was sure that the flock would pay. The third year they did about as well as they did last year, and next year she is determined to make them earn more.

During the first two years Mrs. Button bought eggs to increase the flock and to provide roosters. Two years ago she bought a cockerel from a 275-egg mother. That fall her flock showed quite an increase in egg production. During December, 1922, the flock, containing that cockerel's pullets, maintained 33 1/2 per cent production. Last year she purchased a bird with 300-egg ancestry and during the fall just passed, with 70 of his pullets, granddaughters of the 275-egg cockerel, a more noticeable increase in egg production occurred. During December the flock maintained 50 per cent production. Mrs. Button is convinced that better progress can be made by buying males and that more satisfac-

tory results can be had than by buying the eggs. There is not so much chance of obtaining a bird which does not meet standard of perfection requirements, she contends.

Mrs. Button has ordinary farm poultry equipment. She has added two brooder houses, one 8 by 10 feet and one 6 by 8, and has purchased a small quantity of netting for lots. The other buildings are of the type found on the average farm. She does not

use artificial light. The performance of her flock is due entirely to her methods of care and feeding and to the selection of producing stock.

The birds receive a dry mash composed of 10 pounds each of bran, shorts, corn chop and hominy feed, 50 pounds of oatmeal and 15 per cent of meat scrap. They are given corn and cane silage as a scratch feed. The silage also serves as a green feed.

Mrs. Button is well pleased with the results from silage. She believes that in addition to benefits from the soft grain and the preserved green portions, the acid has a tonic effect which enables the birds to make better use of their feed. It serves the same purpose as buttermilk or sour milk in the ration. The hens receive a bushel of silage twice a day.

The Laying Flock

She has 70 hens in the laying flock. The rest are in breeding pens. From one pen of eight birds, she will obtain eggs for her first two hatches. From the other she will sell hatching eggs. The two pens will be combined after her own hatches are removed to give room for brooding chicks. She plans to hatch 400 this spring because that is the approximate capacity of her equipment. The laying flock eventually will be built up to 150 birds.

Mrs. Button culls her flock rigidly for egg production. No matter how perfectly a hen is marked nor how well her body is proportioned, she receives no consideration unless she is a heavy producer.

"I believe that my hens would have done better," said Mrs. Button, "if I could have given them more attention, but I have four children who must be cared for before I can give any time to chickens. I hope to do even better with my flock this year than I did last, because I will be better prepared to care for them."



The Pullet Seems Interested in What Mrs. Button Says About the Poultry Business. Below the Layers are Too Busy With a Basket of Silage to Pose

Why Your Egg Market Slumped

By Philander Grayson

WHAT happened to the egg market last fall? Why did the highly remunerative prices slump practically over night? You will remember how you wished the eggs would lay when eggs were bringing 40 and 50 cents. If you only had some eggs to sell, but— That's exactly what happened. Somebody who had eggs to sell dumped them on the market. They were even sent to all towns. And they were your eggs produced by your hens last summer.

Shouldn't Blame Packers

Don't blame the packers. They bought the eggs at a low price during summer, stored them, and when the price of fresh eggs mounted last fall they withdrew some of those 20 to 25 cent eggs from the ice box and dumped them out at big prices. They performed an appreciated service for the consumer, but it was hard on the producer.

Now this thing happens every year. The slump is not so great in some years. It was sudden this year because the price of fresh eggs was so high and because the packers were in a hurry to unload. They probably made a big profit. But do not blame them.

For several days the slump was not on to consumers by the retail in the big markets. They decided to hold prices up because that

made a good profit for them. The packers were beating wholesale prices down with their storage eggs and retailers were straining to hold consumers' prices up. They liked the wide margin. But they cannot be blamed for that.

Somebody must perform this function of storing eggs. Let the packers do it, but something might be done to prevent them from using those eggs so disastrously. The producer loses on stored eggs twice. He forces them on a disinterested market in summer, when packers buy them apparently without enthusiasm. Those eggs are packed in cold storage and held ready to dump when the winter price will afford profits that look big enough. The producer loses in the season of flush production because he either produces more than folks will consume or does not attempt to distribute them to a market that will take them; he loses again when those eggs come out of storage to compete with his fresh eggs.

There's a way to lessen the effect of the packer's operations. Producers can organize to distribute their eggs. That is what happens in California. The packers, you may rest assured, do not hold any brotherly love for the Petaluma organization.

Occasionally they ship storage eggs

right into that district, only of course, when local prices will justify it. This trick worried the California producers for a while until they learned how to meet it. Now they merely withdraw their eggs from the local market or from any other place where the packers run in storage eggs. The market for fresh eggs soon recovers.

Another method of meeting the situation is to produce better quality eggs in summer and distribute them to consumers so that fewer of them will get into storage. That would not only take care of part of the surplus but it would likely increase the price which packers would pay for summer eggs. In that case the fresh egg market of winter would be protected to some extent because the price would need to rise higher to draw the storage eggs out into competition with them on the market.

The plan recommended by the Kansas Egg Marketing Committee, appointed at the request of several hundred producers, will enable producers to protect their market. It may not meet with everybody's approval, but it is workable, as any fair plan is workable if the producers care to have it work. The plan is broad enough to admit handling the eggs in almost any way the organization may choose. A similar plan in Pettis county, Mis-

souri, is working and has resulted in an increase of \$1.41 a case over local prices since the middle of August when it was put into effect. That makes 14.7 cents a dozen more than prices received by non-members in Sedalia during the same time.

No elaborate machinery is necessary to market eggs co-operatively. It is desirable to organize the whole state and producers would profit to a greater extent if a state wide co-operative could be formed, but a big organization is not necessary to insure the success of the plan. Individual producers all over the state have revolted against the flat rate which buyers insist upon maintaining.

Consumers Want Quality Stuff

They are buying cases, paying express to distant markets and netting from 5 to 10 cents or more a dozen above local prices. If individuals can do that well, a group of producers can do better, even without a complicated system. The market is ready to take a high grade product at a just price. The producer is entitled to as much of the consumer's egg money as he can get.

Of course, small groups cannot prevent breaks in the market, nor can they compete with the packers when they begin dumping storage eggs, but they can build a market for fresh, high quality eggs that will be independent, to a large extent, of the influence of packer operations locally.

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Passing Comment—By T. A. McNeal

APPARENTLY some of the contestants for the Bok peace prize are not satisfied with the award. This feeling is quite natural. But the talk of these dissatisfied persons that they will bring some sort of suit against the committee to compel a reconsideration of the manuscripts is simply foolish. The plan given the award may or may not be the best submitted. The judges, while eminent, are fallible, and some other committee equally eminent, might have arrived at a different judgment. But the persons submitting manuscripts ought to be good sports. They knew when they submitted their manuscripts that they were taking their chances along with a multitude of other people and that the award at best would be only the best guess of the members of the committee.

Having submitted a manuscript myself which did not get the prize, I am in position to say that in my opinion the Bok committee was a very intelligent, fair-minded committee and its award was according to its best judgment. I can understand that the committee may have found certain suggestions in other papers submitted better than some of the suggestions in the paper given the award, but taken on the whole, they considered this particular paper the most practicable.

Of course the suit will amount to nothing. It will simply display the egotism and assinnity of the persons bringing it.

Senate Breaks a Precedent

THE long deadlock over the election of chairman of the Interstate Commerce Committee in the Senate was broken by the election of Senator Smith of South Carolina, as head of the committee. Smith is a Democrat and his election sets a new precedent. I think it is perhaps the first time in the history of the Senate, at any rate since the organization of distinctive political parties, that a member of the minority party has been elected chairman of one of the most important committees.

Senator Cummins still retains a place on the committee but loses the chairmanship, and may possibly lose the presidency of the Senate.

It was expected that the election of Senator Smith would have an effect on the price of railroad stocks, for the reason that he has been regarded as opposed to the Esch-Cummins law and especially that part of it which directs the Interstate Commerce Commission to allow the railroads to charge such rates as probably will yield a net return of 5½ per cent on their valuation. This does not mean, of course, that the Government guarantees the roads shall earn that amount, but they are permitted to charge a rate which, under normal conditions and with proper equipment, would enable them to earn that much.

The railroad managers are opposed to the repeal of that provision of the law, and the election of Smith was generally supposed to be a triumph of the advocates of the repeal of that provision.

However, the price of rail stocks has not been much, if any, affected. Senator Smith announces that he is opposed to any radical program and there is a more hopeful tone in the market generally. Rails will not be seriously disturbed.

An Interesting Experiment

IT IS said that Simon Fishman, that remarkable Jew of Greeley county, is going to try an experiment that will be most interesting. Briefly, this is his plan: He expects to build and equip, perhaps, a thousand farm homes out there; these will be modern homes, supplied with bathtubs and all the modern improvements that are practicable in the country. Part of each tract will be put into cultivation. A certain number of cows, hogs and chickens will be furnished. These farms so equipped will be sold to settlers.

A certain amount will be paid down in cash by the settler, all of it if he has the money, if not, the balance will be carried on long time with small rate of interest. The new settlers will be helped with suggestions and co-operation will be encouraged. Every family will be expected to make the actual living from the cows, chickens and vegetables raised on the farm. All produced

outside of these sources will be clear and available to pay for the farm and improvements.

If there is a good wheat crop and a good price, there will be a good income available to put away or to pay on the purchase price of the farm; if the wheat crop is small, there will not be so much but still a surplus over the family living.

Here is a part of the Fishman theory: These homes will be modern and comfortable; the people who live in them will enjoy all the advantages

The Lost Land

THERE'S a place they say
Many miles away
That I've hunted for in vain;
A city hid
On a coast amid
The soud and mist and rain.
And a dun sea rolls
Over snarling shoals
That a sailor may never chart,
For this town that lies
Where the wild tides rise
Is the Land of Another Start.

And never a man
Since Time began
Has come to this city yet,
For the mists and clouds
That the place enshrouds
Are the mists of Vain Regret;
So thick they hang
That a fog bell's clang
May not pierce the darkness thru;
And over it all
Lies the deathlike pall
Of the Things I Meant to Do.

Oh, the place is bound
Many miles around
By the Forest of Lost Desire;
But one never sees
Up above the trees
The point of spar or spire;
Yet I somehow know
That the wild winds blow
With a somber note and sad,
One road winds down
To the lonely town—
It is called, If I Only Had.

But sometimes still
There's a secret thrill
Thru the soul of me, because,
I think some day
That I even may
Rise up above all laws
And sail that free
Uncharted sea
Where the winds howl tang and tart;
For I know, somewhere,
In the earth or air,
Is the Land of Another Start.

they could enjoy in town and have the freedom of the country besides. They will be the most independent people in the world; they will have a practical certainty of a comfortable living and more than an even chance of making a surplus every year.

In my opinion, the plan is entirely practicable and I believe that Simon Fishman will put it over.

Plenty of Goat Feathers

ACCORDING to the 1924 World's Almanac, there are considerably more than 700 different secret and other societies in the United States. I have no doubt a great many of these are useful, but I also know that quite a percentage of them are what might be called "goat feather" associations which really serve no purpose except to furnish empty titles and quite a number of jobs to organizers, grand secretaries and the like. It would be interesting to know how much the people of this enlightened Nation spend on "goat feathers."

We complain a great deal about high taxes and with reason, but after all, most people spend more money on really useless things than they on taxes. Of course, that does not apply everybody. There are many persons who prize the most rigid economy and live much cramped lives, but "goat feathers" cost a great deal.

Speaking of interesting but rather useless information, Pennsylvania is the only state in the American Union that has held the same rank among the states from the beginning. It was the second state in the Union when the Constitution was adopted and is still the second state in point of population.

When the first United States Census was taken Virginia ranked first, North Carolina third, Massachusetts fourth and New York fifth. According to the last United States Census, Virginia ranked 20th, North Carolina 14th and Massachusetts sixth.

More than 97 out of every 100 people in the state of Rhode Island live in towns of more than 2,500 population. In Massachusetts 95 people every 100 live in towns of more than 2,500 and in New York 83 of every 100.

The two states which have the largest population in proportion to the total population are Mississippi and North Dakota. In these states 87 out of every 100 live either in the country or in towns of less than 2,500 people.

Altho New York has more than five times the population of Mississippi, there are 20,000 more children under 15 years old working for wages in Mississippi than in New York.

Contrary to the general impression, the Indian race in the United States is not dying out; there are 30,000 more Indians than there were 70 years ago, according to the United States Census. However, it must be remembered that 70 years ago there was no careful Census taken of the Indian population, in fact, it would not have been so for the Census takers.

I judge from the number of letters I receive asking for information concerning public questions, that the debating season must be on, so far I have not been asked this winter for information concerning the relative damage done by fire or water since the beginning of the war.

Are the Newspapers to Blame?

I PUBLISH the following letter from S. Goddard of Wellington, Kan., because it presents an interesting and common, but to mind, a mistaken point of view.

"There was a time, not so very long ago, when comparatively few men were considered wise, fortunately, the daily press in those days served as a sort of text book, or rather, it may be said as a distributor of knowledge as between the wise few and the masses whose schooling was general opportunities to secure knowledge was not so favorable. It was, indeed, fortunate those days that the daily press could be relied upon, as a rule, to publish facts with reference to things that so much concerned the welfare of the people. The people of our Republic lived in an atmosphere of harmony and a more united purpose than is the case now. Patriotism was easily aroused, but now, hangs in the balance and in a generation or so hence, conscription may be the only means of raising an army for defense. This condition is being brought about primarily by a corrupt daily press. Many people are reading the papers these days as pastime with a feeling of criticism and resentment, and women all over the country are becoming increasingly wise on everything. There is nothing these days that everybody doesn't know everything about, except his own business, and the thought that he or she is directly responsible for the complete knowledge (corrupt and biased) is abundant in the land, every man having different knowledge on any subject, depending on whether he reads a paper of Democratic, Republican, or Independent, or what-not leanings.

"There are many people who know all about

mining, and are quite sure that wages are entirely too high, who never have been closer to a coal mine than to telephone the coal dealer in the town for a ton of coal. There is many a man who probably never saw a train, and others who never have been closer to a railroad than when chopping down a sapling from which were hewn railroad ties, and still others who never have been more familiar with railroading than to get on a train and then off at destination, all of whom know all about railroading and how foolish it is for a railroad worker to get hurt, or killed, and know just to the cent, how high the wages of each and every employee should be. Everybody in the country knows all about how to make money on the farm, except the farmer, and I presume everybody knows all about how to run the newspaper business, except, of course, those who are engaged in the newspaper business. The newspaper writers have manifested great interest in recent years in the sport that is being made to educate the farmer in the most up-to-date methods of farming, and especially is this true of Government officials and politicians generally.

Of course, they know all about how to farm successfully, because they read the full particulars in a newspaper, the author of which may have been a Wall Street Journal writer who never saw a farm outside an enclosed car, or it may be that the writer was one whose profession was to write political speeches for public rehearsal of politicians, and subsequently published for general absorption.

Arriving at the main point I wish to make, I should say that if all men of all professions were to try as faithfully to conduct their affairs, the obligations they hold in trust, as they would like to see others do, we would be living in a better world. It occurs to me that the newspapers are afforded a great opportunity to spread truth to every home in the Nation; to tell people what their representatives in Congress are doing that will help or hinder their progress; to tell us what our state and municipal officials are doing, and the relations between all Government officials and what is called "Big Business" regards the enactment of laws, or non-enactment of laws. When this is done, the people will to it that honest men are elected to office, honest Government officials the world over will make war an impossibility for all time. Certainly no man will dispute that.

Witness the deadlock in the Senate on election chairman on Interstate Commerce Committee. What influence is behind this deadlock? If the chairman is possessed of such power that he can control the action of the committee, which is apparently the case, is it a fact that the newspapers do not know the secret of this power, and could not specifically point it out to the people, in order that it may reflect on the records of those who endorse such power and the corruption behind it? What specific relations exist between the government officials and so called "Big Business"? Will the newspapers tell us all about this, or is it just the thing that the whole works are run on?

We understand, of course, that the newspapers are not of any educational value to the politicians other than to reflect the inclination of the voters on the bait which has been placed by the politicians thru the medium of the press.

It may be a business policy of the newspaper publishers to accept and publish the corrupt political propaganda that is offered, but it is placing the readers of the papers who depend upon them for information on matters of public concern in a position of ignorance as to real facts and great many instances, and the result is, confusion and more rotten politics."

The newspapers of today contain more information, and more information that is reliable than at any previous time. One does not need to be a very old man to remember when all newspapers were intensely partisan. A dispassionate, fair-minded editorial was almost unknown. The sources of information were very limited as compared with the present.

Of course, newspapers contain a great deal of "misinformation" because of the impossibility of

Truthful James is Here!

MANY hundreds of readers of Kansas Farmer and Mail and Breeze have purchased Tom McNeal's book, *Stories by Truthful James*. This delightful little collection of the extraordinary experiences of Truthful has a Kansas human interest wallop that gives uniform satisfaction. Have you purchased your copy? It is an investment which will yield rich returns in enjoyment. The price is 15 cents postpaid as long as our limited supply lasts. Please address Book Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.

getting the exact truth out of the great multitude of happenings reported. It must be kept in mind that the field of knowledge is tremendously enlarged by reason of modern discoveries. Half a century ago it was impossible for even the best equipped newspaper to assemble the information now assembled by the ordinary daily newspaper.

This is not saying that there is not room for improvement, there is plenty of need for improvement, but admitting all the faults of newspapers, they are better today than they ever were.

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.

Settlement of an Estate

A and B are husband and wife. A having children by a former marriage. A has lost nearly all the property he had but after he and B were married they finally by hard labor made enough to buy a small home which was deeded to B. A and B have only one living child. If A should die would B have to sell the home to divide with A's children by a former marriage or at B's death would these children get any part of the estate, or would it go to B's child?

S. K.

In case of A's death this property, the title of which is in B, would be hers to dispose of as she pleases. She would not have to sell it. But if B should die before A one-half of the property would go to A and if she died without will the other half would go to her child. A's children by a former marriage would not inherit any of this property.

Rights of Subscribers

I paid three years' subscription in advance for a newspaper. The paper was sold to another paper. The new owners sent me the paper about one month then quit. I wrote them in regard to the same and they wrote me they did not agree to send me the paper for the unfinished term. What will I have to do to get my money back or compel them to send the paper?

W. H.

If the purchasers of this paper bought its subscription list and it can be shown that they did so then they are under obligation to carry out the

contract of the original owner of the paper with its subscribers. If they did not make such a contract they could not be obliged to send the paper to you for the three years. In that event your only recourse would be against the proprietor of the paper who sold to the other paper.

Answers to Various Inquiries

1—B is a widow having children by her first husband. When she was married the second time her children went by the second husband's name. She desires to know whether a deed can be made to one of the children and be legal if the child is given the name of the stepfather or should it take its own father's name? 2—Would it be a legal marriage if the daughter should be married taking the name of the stepfather?

M. E. R.

1—In order to avoid any possible complication or question about the title afterward it would be better that the deed should be made to the child in the name of its own father.

2—The marriage would not be illegal on account of the daughter being married under the name of her stepfather but it would be better perhaps if her own father's name was used.

Using Unclaimed Machinery

A and B are both renters. When A moved off B moved on the place and has lived there three years. When A moved, he left a piece of machinery there but never had said anything about it, nor come to get it, so B, thinking he had thrown it away, took it and has been using it. Now after two years A asks for it. Can he claim it or come and get it? How long can one leave a piece of machinery or feed of any kind on a place from which he has moved?

R. E. N.

The title to this piece of machinery, of course, did not vest in B simply because it was left on the place. He might have a claim perhaps against A for caring for the machinery which would be an offset to some extent for the amount A might claim against him for the use of it. When one gives possession of a place it is his business to get his property off the place as soon as he can. There is no definite time fixed but he is required to get it off in reasonable time. If he does not he would have no claim against the subsequent possessor for any damage that might come to his property.

For example, if he left feed on the place for an unreasonable time and the cattle of the subsequent renter should destroy this feed, he would have no claim against the renter for such destruction. Or if he left machinery as A seems to have done in this case and the machinery was damaged, he would have no claim against the other party on account of such damage but the title to the machinery or title to the feed was not passed to the subsequent renter.

When a Will is Required

A girl 23 years old whose father, mother, brothers and sisters are living, owns real estate and money in her own name. She has expressed the wish in case of her death that her property go to certain members of her family and that the others be left out entirely. Can that wish be carried out without a will or would it be necessary for her to have a will? If she had no will could one parent take it all and leave the other out or could the one left out compel a division of the property? She is unmarried.

N. D.

In order that her property may be divided according to her wish it would be necessary for her to make a will. Otherwise her property would be distributed according to statute. If she dies without will when her parents are living, her property will go to her parents. They would share in this equally. If one of her parents is dead and the other living the parent living would inherit all her property. If her parents are both dead at the time of her death and she has no will, her living brothers and sisters would inherit her property. Or if one of her brothers or sisters is dead but is survived by children the children would inherit that brother's or sister's share.

Too Many White-Collar Men

WE ARE educating 90 per cent of our youth to be white-collar workers, but have white-collar jobs for only 10 per cent.

We know something about what over-production is in wheat and in other products. We are to learn what it means in a mass of human beings wrongly prepared for doing their part in the world's work to its benefit and their own being.

It is what \$146 a week for bricklayers means in price paid at Waukegan, Ill., in September the excellent wages now paid to other skilled men which far exceed the salaries paid to men and bookkeepers.

Skilled Labor in Demand

The disparity of reward is sure to increase with the rapid growth of the white-collar army and the fast-growing demand for men who work with their hands that are skilled.

Industries clamor for the trained worker. Our schools continue to turn out thousands of thousands of young men and women fitted for already overcrowded professions.

Many different reasons are assigned by historians for the fall of the Roman Empire. Rome, did not fall until the Romans grew too

lazy to labor. They were physically, morally, nor economically, any white-collar nation long endure.

At this moment, there is nothing that would

help many of a too-smart-to-work generation more than a little judicious adversity. If they do not get it, those who do, will, in about 25 years, inherit the earth and the fulness thereof, and take their full share of things, having earned it by a service of which the world was in need.

The fiber, stability, soundness of American life depend on establishing the dignity of labor, not as a copybook maxim, but as a national habit of mind.

Progress, prosperity and world markets are not for white-collar nations. When restored Europe again settles down to work, her myriad skilled workers will put up no soft sort of competition for these United States. If we are to hold our place in world commerce, we shall have to roll up our sleeves, overcome our aversion to soiling our hands and learn again the blessedness, the health, the joy of productive labor.

Better Balanced Education Needed

In this process of acquiring a better balanced education, we shall do much to eliminate the round pegs in square holes, the wasted lives, the thousands of "failures"—the men who get nowhere, whose lives seem futile, all and largely because they have not found their proper work or because they are struggling in an overcrowded field in which the competition all about them is so keen that it destroys or impoverishes those who cannot obtain a foothold in these over-populated ranks of white-collar workers.

We must educate hand as well as head, as Theodore Roosevelt foresaw and warned us, as far back as 15 years ago. We need this kind of upbringing for all manner of reasons. It builds character as well as self-reliant independence.

Rail-splitting, farming and Blackstone gave us a Lincoln. Farming and surveying gave us a Washington. The printer's trade gave us a Franklin and a Whitman. Telegraphy gave us an Edison. Knowledge acquired in a machine shop gave us the Wright brothers and the airplane. Ranching and life in the open spaces made Roosevelt a strong man instead of a weakling.

Vocational Training Essential

This list might easily be further extended, but these examples of the origin and early training of great Americans carries its own object lesson.

Nearly all, if not all, of our men of achievement came from a school which educated mind, heart and hand.

"The dignity of labor" is no empty phrase. It is the expression of a great truth.

A trade, vocational training for all, is the complement of a balanced education. Without such training for its citizens, the United States cannot maintain its traditions, its national health, nor its place in the world. We are beginning to see it and certainly none too soon.

Arthur Capper
Washington, D. C.

News of the World in Pictures



Brigadier General Smedley Butler, U. S. M. C., Taking Oath of Office As Director of Public Safety of Philadelphia Given by Mayor W. F. Kendrick



Peace Arch in North America, Half on Canadian Soil and Half on United States Soil at Blaine, Wash., and the Christ of the Andes, Peace Emblem of Chile and Argentina

Warren Harding Murphy of New York City, Born on President Harding's Election Day, Receives His Certificate of Membership in the Harding Memorial Association



Senator E. D. Smith, Democrat, of South Carolina, Recently Elected Chairman of the Senate Interstate Commerce Committee, to Succeed Senator Cummins



Students at the Kansas State Agricultural College, Getting Some Real Practice in Poultry Husbandry, That Will Help Them in Farm Work

E. W. Bok of Philadelphia Broadcasts Winning Award of Bok Peace Contest Carrying \$50,000 Now, and \$50,000 More Later, If Approved by Referendum Vote

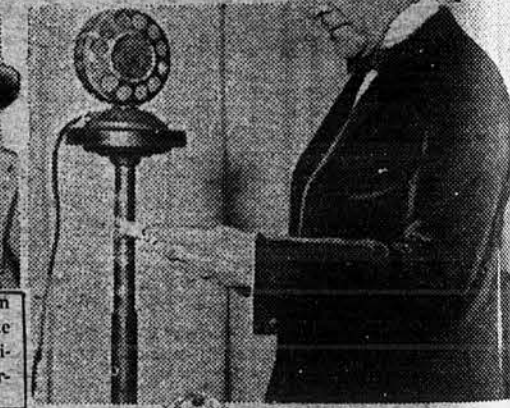
This Man is Raising Fine Cabbage in "Seward's Ice Box," As Scoffers Called Alaska When the United States Purchased That Territory, Which They Thought a Barren Land of Ice



General J. G. Harbord, One of the Seven Judges, Awarding the \$100,000 Bok Peace Plan Prize, Discusses the Award by Radio From WJZ Station in New York City



Missouri Poultry Judging Team in Middle West Intercollegiate Poultry Contest Wins Over Michigan, Iowa, Illinois, Wisconsin, Purdue, Kansas and Nebraska



President Coolidge is Shown Here Placing Floral Tribute on Statue of President Andrew Jackson, in Lafayette Square, Near the White House, on 109th Anniversary of Battle of New Orleans

Major Frederick Martin and Army Pilots Training at Langley Field, Va., for "Round the World Flight" That Will Start Early Next April; the First Lap Will Extend to the Aleutian Islands



Latest Photo Showing Cross Section of the Starch Plant of the Corn Products Refining Company at Pekin, Ill., Destroyed Recently by a Terrific Dust Explosion Which Cost the Lives of Many Employees

Frau Adele Schreiber, Woman Member of the German Reichstag, Gets U. S. Senate Floor Privilege, Only Accorded One Other Foreign Woman

Citizens of Canfield, Ohio, Lined Up to Get Petitions, Asking Congress to Reduce Federal Taxes by the Amount of the Surplus in the Federal Treasury; This Movement for Lower Taxes and Less Legislation is Spreading to Other States



The Farm Flock For Profit

Prize Winners in the Poultry Contest Tell How They Made Money Last Year Selling Eggs, Chickens, Turkeys, Ducks and Geese on the Market

By Ira Bowman Reed

KANSAS conditions are ideal for poultry raising, but its farmers never have given the poultry industry the attention that it merits. The big terminal markets at Denver, Wichita, Oklahoma City, Omaha, St. Joseph and Kansas City are within easy reach of most of the farmers of the state so that no unusually long or expensive shipping hauls are necessary. Our soil and climatic conditions also are quite favorable for the industry and there is no reason in the world why Kansas should not become one of the greatest poultry producing states in the Union. Poultry raising always has proved to be a profitable sideline on every farm and many families last year made enough from the farm flock to pay practically all of their living expenses.

Chickens Show Big Increase

The United States Census for 1920 reported the number of chickens on Kansas farms to be 17,298,041 as compared with 15,736,038 in 1910, an increase of 1,562,003 fowls in 10 years. The value of the chickens on farms in 1920 is estimated by the Census Bureau at \$15,453,540.

The value of the surplus poultry and eggs sold in Kansas for 1923 is estimated by Secretary J. C. Mohler of the Kansas State Board of Agriculture to be \$20,771,285, and there is every reason to believe that a much larger total will be shown at the close of the present year. Kansas now has more chickens than any one of 42 other states and last year its fowls produced more eggs than did those of other states, according to the reports of the United States Census Bureau. From this, it will be seen that poultry raising is one of our leading industries, and it is growing in importance every year.

List of Successful Contestants

In view of this fact, the Kansas Farmer and Mail and Breeze each year conducts a poultry letter contest in which its readers are invited to submit brief stories showing how they have succeeded with poultry and what prizes they have found the most profitable. Prizes this year of \$2.50, \$1, and 50 cents were offered in each of the following groups:

1—The Farm Poultry Flock for Profit; 2—Incubators and Brooders; 3—Day Old Chicks; 4—Production and Marketing of Eggs; 5—Making Money with Turkeys, Ducks and Geese.

The list of winners in Group 1 are as follows: First prize, Mrs. A. E. Law, Whiting, Kan.; second prize, Edward W. Weckel, Fruita, Colo.; third prize, J. S. Brazelton, Troy, Kan. In Group 2, the successful contestants are the following persons: First prize, L. A. Moore, Hlawatha, Kan.; second prize, Mrs. M. L. Thomas, Topeka, Kan.; third prize, Mrs. Fred Johnson, Greeley, Kan.

The winners in Group 3 are as follows: First prize, Alice W. Willis, Winfield, Kan.; second prize, Mrs. C. C.

Oveson, Osage City, Kan.; third prize, Mrs. M. M. Dick, Englewood, Kan.

In Group 4, the successful contestants are the following persons: First prize, Mrs. W. G. Reader, Savery, Wyoming; second prize, F. L. Gerandy, Emporia, Kan.; third prize, Nelle Portrey, Eads, Colo.

The winners in Group 5 are as follows: First prize, Mrs. Ivo Lewis, Kan.; second prize, Ella Glitzke, Tonganoxie, Kan.; third prize, T. M. Newlin, Rocky Ford, Colo.

chicks for sale, from my purebred flock of White Plymouth Rocks, from which I received my orders. I sold more than 2,000 eggs for hatching purposes, and several hundred baby chicks that were hatched in incubators, which I kept going all the time. As soon as one hatch was off from the incubator, I cleaned it out and reset it, never letting the lamp go out or the incubator get cold from one hatch to another. I took orders for eggs and chicks by mail and by telephone.

Plymouth Rocks, pure Buff Plymouth Rocks, pure Black Langshans, pure Buff Orpingtons, but none suited me quite as well as the purebred White Plymouth Rocks.

I sell cockerels in the fall for breeding purposes but convert all my early cockerels into capons. Last year I caponized 65 and raised all but three. Two were killed by accident and one died on the caponizing table while I was letting some club member do the work. I made a nice income from my capons. I never sold one for less than \$2.40 and some brought as much as \$3.30 apiece. Some weighed 9 and some 13½ pounds. Capons brought me more this year than did my turkeys. I never had a dissatisfied customer all the year. Everyone was delighted with both eggs and chicks. I have started in again, have an order now for 1,000 eggs from one person, and it isn't a hatchery either. Also one order for baby chicks from the first hatch and expect to do a good business again this year.

Here is my report as I kept it: Eggs for hatching brought \$124.90; baby chicks, \$45.25; eggs marketed, \$162.21; poultry sold, \$218.81; making a total of \$551.17. The eggs sold after July 9, I did not keep any account of, nor eggs that I set for my own use. I have used all the eggs for cooking that I needed and have eaten several dozen eggs, and have on hand 120 hens besides the cockerels. Eggs marketed after July 9 would pay for all the feed bought, I am sure.

I raised and sold 18 turkeys that brought me a total of \$56.21 for the year of 1923.

Mrs. A. E. Law.

R. R. 2, Whiting, Kan.

Keeping Records Proved Profitable

There is only one way to find out whether you are making a profit on poultry and that is to keep a record. Ten years ago, we, my wife and myself, were like all other farmers, considered the farm flock a necessary evil without money return until we kept a record on things for one year. The results were surprising, for the net cash income for each hen was \$2.04. The average number of eggs for each hen was 92 for the year. Needless to say, we paid more attention to our chickens after that time. We cared for them better, learned to cull, how to feed, and better than all, got purebred stock and learned how to market our eggs. Ten years ago our average egg production was 92 eggs a year for each hen. In 1921 it was 188 eggs for each hen, an increase of over 100 per cent, and that year, 1921, our net profits were \$5.20 a hen in an average flock of 800 hens. This was our best year in profits.

We did nearly as well last year, 1923. You see, after learning there was money in poultry even in just an ordinary farm flock, we decided to give the chickens a good show, and gave them better care, learned how to feed, house, cull, thru our colleges and farm magazines, and also from (For Continuation See Page 19)

More Turkeys Now on Kansas Farms

BY JOHN W. WILKINSON

TURKEYS are more plentiful now on Kansas farms than they were 10 years ago. The last U. S. Census shows that there were 119,228 turkeys on Kansas farms in 1920 as compared with 104,421 in 1910. The value of these fowls in 1920 was estimated at \$415,581. The total number of turkeys in the United States for 1910 was 3,688,708 as compared with 3,627,028 in 1920, showing a decrease of 61,680 fowls.

Of the six varieties of turkeys recognized in America the Bronze is by far the most widely bred. It is also the largest and is usually the most desirable for market purposes in spite of its dark feathers. The standard weight of the young tom is 25 pounds, yearling, 33 pounds and adult 36 pounds. The standard weight of the young female is 16 pounds and the mature female 20 pounds. Next in popularity comes the variety known as the White Holland, which is a somewhat smaller bird. Other popular varieties are the Bourbon Red, and the Narragansett. The standard weights for the males of different ages is 20, 24 and 28 pounds and for the females 14 and 18 pounds.

It is unnecessary to provide a house for turkeys, tho it is the part of wisdom to have a shed handy into which they may be driven on extremely stormy nights. As a usual thing they will do better roosting out in the open even in quite severe weather. Where only a small flock is kept 15 females may be mated with one male if he is unquestionably vigorous. If a flock of about 25 or 30 is kept, two males will be needed but they should not be permitted to run with the flock at one time. One should be permitted to run with the flock one day and the other the next.



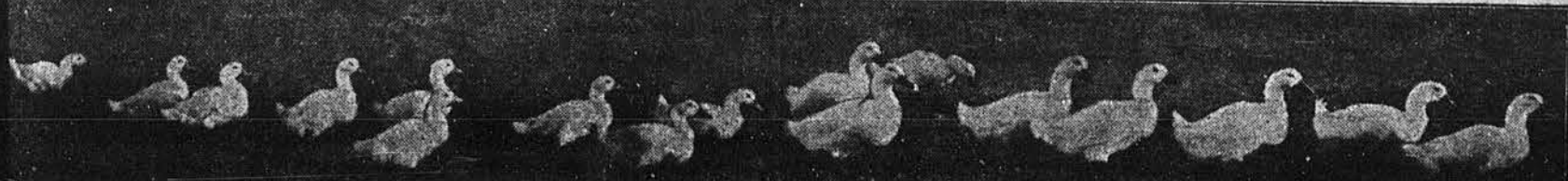
A Pen of Prize-Winning Bourbon Red Turkeys—This Breed is Hardy and Easily Domesticated and is Becoming Quite Popular

We regret that our limited amount of space will not permit us to publish all of these interesting letters, but some of the most important ones are reproduced here for the benefit of our readers who are interested in the poultry industry, either as a profitable sideline on the farm or as an exclusive proposition.

Makes Money With Chickens

My first step was to have on hand about 140 hens and pullets to produce my eggs. I advertised eggs and baby

I received orders for more than 500 eggs some days and it was the same with the baby chicks. Orders were booked to fill as soon as settings hatched. Sometimes, I got more orders than I could fill as they would all want the eggs and chicks at once. Then, of course, they would take their turns for getting them just as soon as I could fill the orders. I have raised the purebred White Plymouth Rocks for about 10 years and they are good enough for me. I keep no other kind. I have tried several breeds, including mixed chickens, pure Barred



The Farmer's Interest In Good Railroad Service

FARMERS must have good and adequate railroad service. When they cannot get enough freight cars they suffer heavy losses.

The railways are making tremendous efforts and large investments to improve their properties and increase locomotives and cars to enable farmers and other producers to ship all their products, and ship them promptly.

For some years there were repeatedly "car shortages" which made it impossible for many thousands of farmers to ship their wheat, corn, livestock and fruit when they wanted to. These conditions existed because, chiefly owing to unwise and restrictive regulation, the development of the railways had greatly declined.

How Railroad Development Declined

From 1907 to 1914 the railways bought an average of more than 130,000 freight cars each year. Freight cars, like farm wagons and other vehicles, wear out. In these years the railways "scrapped" an average of 80,000 cars a year. The average increase in the number of cars in service was 50,000 a year.

Then restrictive regulation and other causes greatly slowed down railway development. From 1914 to 1921 the average number of new freight cars bought was only 79,000 a year; the average number retired, 74,000 a year. Therefore, in these years the average increase in the number of freight cars was only 5,000 a year.

Do you wonder that when the increase in freight cars declined from 50,000 to 5,000 a year there were "car shortages"?

From 1907 to 1914 the railways bought 3,100 new locomotives a year, and "scrapped" 1,600 a year. The increase in locomotives was 1,500 a year. From 1914 to 1921 they were able to buy an average of only 1,700 locomotives a year, and had to retire 1,450. Therefore, the average increase in locomotives was only 250 a year. This was only one-sixth as great as the yearly increase up to 1914.

The production and commerce of the country were continuing to grow as before. The railways could not meet the demands made upon them because they were not able to increase their freight carrying capacity as before.

The framers of the Transportation Act of 1920 saw this decline in railway development must stop. Otherwise farmers, manufacturers, mine operators would become unable to ship their products. A paralysis of business and a great national disaster would result.

Therefore, Congress provided in the Transportation Act that the Interstate Commerce Commission in regulating rates and the "fair return" the railways should be allowed to earn must "give due consideration to the transportation needs of the country and the necessity of enlarging railway facilities in order to provide the people of the United States with adequate transportation."

This is one of a series of advertisements published to give the farmer authentic information about railroad matters. Any questions that you would like to ask will be cheerfully answered. Address:

WESTERN RAILWAYS' COMMITTEE ON PUBLIC RELATIONS

650 Transportation Building, Chicago, Illinois

S. M. FELTON, President,
Chicago Great Western Railway;

L. W. BALDWIN, President,
Missouri Pacific Railroad Co.

RALPH BUDD, President,
Great Northern Railway,

H. E. BYRAM, President,
Chicago, Milwaukee & St. Paul Ry.,

W. H. FINLEY, President,
Chicago & Northwestern Railway,

CARL R. GRAY, President,
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J. E. GORMAN, President,
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20 CONCORD GRAPE VINES . . . \$1.00
3 ELBERTA PEACH TREES . . . \$1.00
3 ASSORTED APPLE TREES . . . \$1.00
All postpaid—many other bargains in Fruit, Shade and Ornamental Trees, Shrubs & Vines. Catalog FREE. Write

EVERGREENS Bill's Hardy
Fine for windbreaks, hedges and lawn plant-
ings. All hardy, vigorous and well rooted. We
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ate prices. R. B. Everett Co., Box 100, Chicago, Ill.

THE CROSS-CUT

By COURTNEY RYLEY COOPER

(Copyrighted)

BUT the time's not ripe yet, Harry, to spring it. We've got to find out more about Rodaine first and what other tricks he's been up to. And we've got to get other evidence than merely our own word. For instance, in this case, you can't remember anything. All the testimony I could give would be unsupported. They'd run me out of town if I even tried to start any such accusation. But one thing's certain: We're on the open road at last, we know who we're fighting and the weapons he fights with. And if we're only given enough time, we'll whip him. I'm going home to bed now; I've got to be up early in the morning and get hold of Farrell. Your case comes up at court."

"And I'm up in a 'ospital!" Which fact the court the next morning recognized, on the testimony of the interne, the physician and the day nurses of the hospital, to the extent of a continuance until the January term in the trial of the case. A thing which the court further recognized was the substitution of five thousand dollars in cash for the deeds of the Blue Poppy mine as security for the bailer. And with this done, the deeds to his mine safe in his pocket, Fairchild went to the bank, placed the papers behind the great steel gates of the safety deposit vault, and then crossed the street to the telegraph office. A long message was the result, and a money order to Denver that ran beyond a hundred dollars. The instructions that went with it to the biggest florist in town were for the most elaborate floral design possible to be sent by express for Judge Richmond's funeral—minus a card denoting the sender. Following this, Fairchild returned to the hospital, only to find Mother Howard taking his place beside the bed of Harry. One more place called for his attention, the mine.

The feverish work was over now. The day and night shifts no longer were needed until Harry and Fairchild could actively assume control of operations and themselves dig out the wealth to put in the improvements necessary to procure the compressed air and machine drills, and organize the working of the mine upon the scale which its value demanded. But there was one thing essential, and Fairchild procured it—guards. Then he turned his attention to his giant partner.

Health returned slowly to the big Cornishman. The effects of nearly a week of slow poisoning left his system grudgingly; it would be a matter of weeks before he could be the genial,

strong giant that he once had represented. And in those weeks Fairchild was constantly beside him.

Not that there were no other things which were represented in Robert's desires—far from it. Stronger than ever was Anita Richmond in Fairchild's thoughts now, and it was with avidity that he learned every scrap of news regarding her, as brought to him by Mother Howard. Hungrily he listened for the details of how she had weathered the shock of her father's death; anxiously he inquired for her return in the days following the information—via Mother Howard—that she had gone on a short trip to Denver to look after matters pertaining to her father's estate. Dully he heard that she had come back, and that Maurice Rodaine had told friends that the death of the Judge had caused only a slight postponement in their marital plans. And perhaps it was this which held Fairchild in check, which caused him to wonder at the vagaries of the girl—a girl who had thwarted the murderous plans of a future father-in-law—and to cause him to fight down a desire to see her, an attempt to talk to her and learn directly from her lips her position toward him—and toward the Rodaines.

To the Mine Once More

Finally, back to his normal strength once more, Harry rose from the armchair by the window of the boarding house and turned to Fairchild.

"We're going to work tonight," he announced calmly.

"When?" Fairchild did not believe he understood. Harry grinned. "Tonight. I've taken a notion. Rodaine'll expect us to work in the day time. We'll fool 'im. We'll leave the guards on in the daytime and work at night. And what's more, we'll keep a guard on at the mouth of the shaft while we're inside, not to let nobody down. See?"

Fairchild agreed. He knew Squint Rodaine was not thru. And he knew also that the fight against the man with the blue-white scar had only begun. The cross-cut had brought wealth and the promise of riches to Fairchild and Harry for the rest of their lives. But it had not freed them from the danger of one man—a man who was willing to kill, willing to maim, willing to do anything in the world, it seemed, to achieve his purpose. Harry's suggestion was a good one.

Together, when night came, they bundled their greatcoats about them

(Continued on Page 13)

Ducks Are Profitable Farm Fowls

BY I. B. REED

DUCKS on Kansas farms in 1920 numbered only 77,794 as compared with 114,932 in 1910. This is a decrease of almost 50 per cent and shows that Kansas farmers have not yet learned the value of these popular fowls. Ducks, like turkeys, are looked upon as meat producing birds. While the Runner duck is quite well known for its laying propensities, it is the only one of the several varieties that can be looked upon as an egg producer. Among the meat breeds the Pekin stands pre-eminent. Other good varieties are the White Muscovy, the Rouen, and the Buff Orpington. Where these birds are given proper attention they may be marketed when 10 to 12 weeks old, weighing 5 to 6 pounds. They can be raised with success on general farms but the duck business has tended very rapidly to be concentrated on intensive duck farms of large size.

A house similar to the one required for chickens is desirable. The essential of the duck house is that it shall be dry and have fresh air with freedom from drafts. The floor of the house should be kept well bedded with straw and cleaned out as soon as the straw becomes matted and damp. Dry feet while in the house at night seems to be a necessity for egg production. Ducks make their nests on the floor of the house by burrowing into the straw. The number of ducks to each house should be one for every 6 feet of floor space for breeders, the fattening and young ducks may be kept closer. A mesh fence 18 inches high will hold most ducks and a 2-foot one will hold all of those commonly raised, as most of them cannot fly.



Servant of the Millions

FOUNDED on the principle that a business earns the right to exist only as it serves, the Ford organization has grown to be more than a business.

It is an institution that serves the millions.

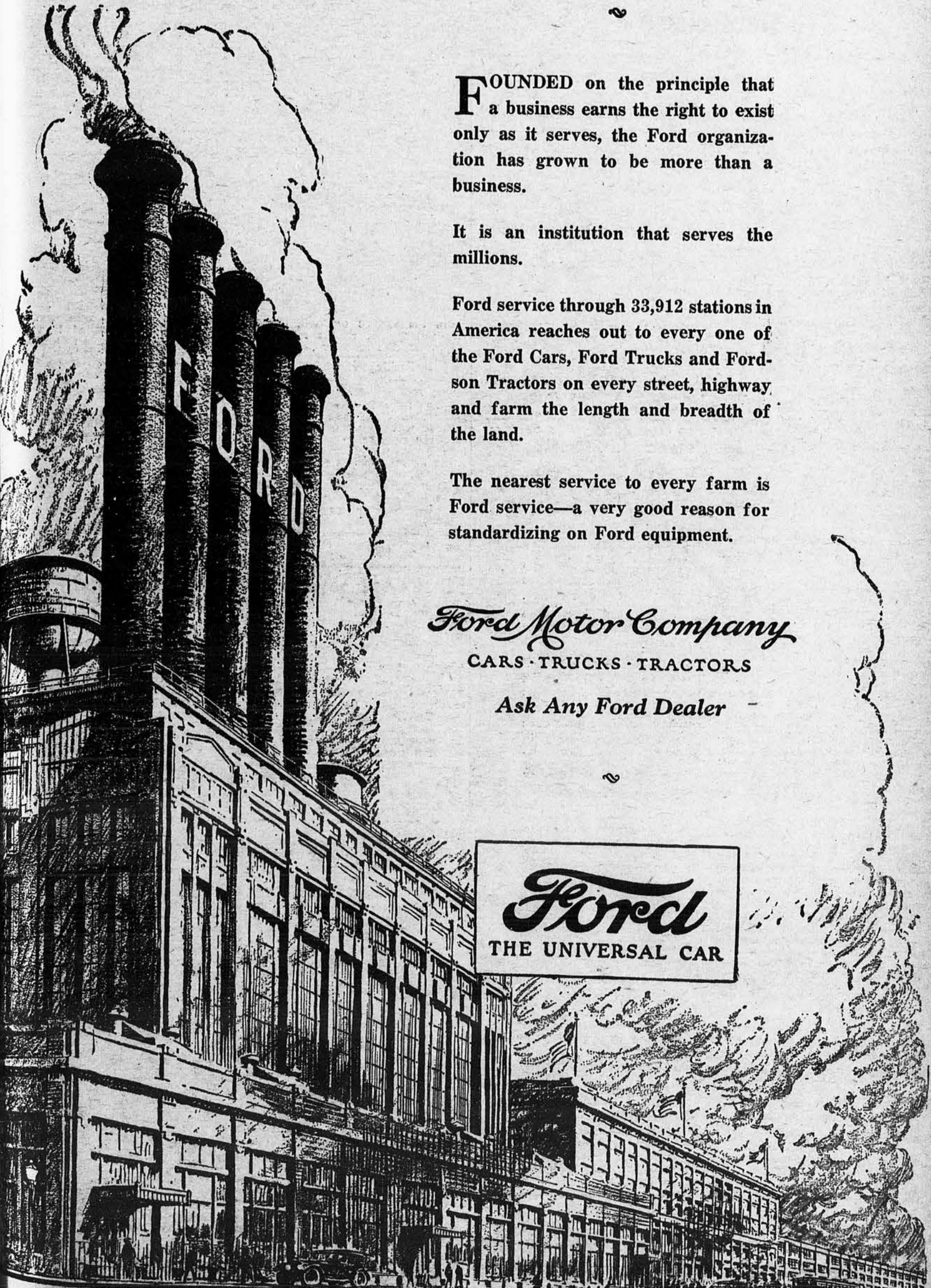
Ford service through 33,912 stations in America reaches out to every one of the Ford Cars, Ford Trucks and Fordson Tractors on every street, highway and farm the length and breadth of the land.

The nearest service to every farm is Ford service—a very good reason for standardizing on Ford equipment.

Ford Motor Company
CARS · TRUCKS · TRACTORS

Ask Any Ford Dealer

Ford
THE UNIVERSAL CAR



of Woodward Avenue frontage of the mammoth Highland Park plant of the Ford Motor Company, largest Automobile factory in the world.



10 Shaves
FREE
See Coupon

My Life Work

The finest Shaving Cream you will ever know

By V. K. Cassady, Chief Chemist

GENTLEMEN:

I have devoted my life to soap chemistry. We have here developed some of the greatest soaps created. One of them—Palmolive—is the leading toilet soap of the world.

Our greatest ambition for years has been to perfect the supreme Shaving Cream. And we have done that, beyond question. Millions of men now concede it.

1,000 men consulted

Our first step was to ask 1,000 men what they most desired in a Shaving Cream. All of them agreed on four things.

But one requirement, and the greatest of all, is something no man mentioned. They were not scientists. They did not know the prime requirement in a shaving soap. That

is, strong bubbles which support the hairs for cutting.

We made 130 tests

We made up 130 formulas which we discarded. Each was better than the one before. But none, in our opinion, reached the utmost in a Shaving Cream.

Then we attained, by many times over, the best Shaving Cream in existence. Someone may make a better one, but not much better. Today Palmolive Shaving Cream is monarch in its field. It is winning men by the millions, as they try it.

* * *

Don't change from the cream you like now until you see what Palmolive Shaving Cream does. But make this test. You owe it to yourself and to us. Try ten shaves, and let the results show if we have excelled the rest.

Excels in 5 ways

It multiplies itself in lather 250 times, so one-half gram suffices for a shave.

It softens the beard in one minute. No hot towels, no finger rubbing.

It maintains its creamy fullness for ten minutes on the face.

Super-strong bubbles support the hairs for cutting.

The palm and olive oil blend acts as a lotion, leaving fine after-effects.

Busy men also like the pliable tube Palmolive Shaving Cream comes in because it is not as cumbersome as the old fashioned mug—and the Palmolive Shaving Cream is always moist and ready for instant action.

PALMOLIVE SHAVING CREAM

Follow with Palmolive After Shaving Talc.
An invisible way to that well-groomed look.

10 SHAVES FREE Simply insert your name
and address and mail to
THE PALMOLIVE COMPANY
Dept. B-628, 360 N. Michigan Ave., Chicago, Ill. 2312



Jayhawker's Farm Notes

The Cold Weather Did Not Kill the Fruit Buds
But They May Get Nipped in the Spring

BY HARLEY HATCH

THERE is some difference of opinion as to the effect of the cold of the first week in January on the peach buds; the mercury reached 12 degrees below here and it is usually said that 15 below kills the buds. This is coming very close, so close that some orchard men say that possibly the buds are killed anyhow as we had no cold weather up to that time and the buds were not in condition to stand as much as if the preceding weather had been cold and dry.

Time will tell. If we have nothing worse we think we will see the peach buds open next spring in time to get hit by a late freeze. When we came here, 28 years ago, we seldom missed a peach crop; now it seems that if we get one every third year we are fortunate. For all that, we have, in the last two years, set out 24 budded peach trees on this farm and expect to get value received from them. The last 10 days have been good ones to prove the virtues of hard, dry Red elm and walnut chunks mixed with McAlester coal as fuel.

Packing Cured Meat

During the last week we have received two inquiries, one from Lyons and one from Lebanon, regarding the packing of cured and salt meat so that it will keep in good condition thru the summer. Our method is to take pork which has been cured, either as bacon or as plain salt pork, and ham, slice it and pack it down in jars and cover with melted lard.

We cure hams, bacon and pork in brine but the dry cure will work just

as well. For ordinary family use, gallon jars are about the right size, as when a layer is removed it does not leave so much exposed. Do not cook the sliced meat; pack it down just as it is cut.

When the jar is about one-fourth full pour melted lard over it and again after each fourth is put in. Pack rather closely but not so closely that lard cannot work down among the meat. When the jar is full cover the top with lard; as the meat is used, scrape back the lard and take out the meat you desire; then spread the lard over it again. Meat so prepared will keep without drying up or becoming rancid.

Plenty of Wind

We believe that records will show that the run of wind in Eastern Kansas was the least in 1923 of any year since records have been kept. I am judging this from the number of times our windmill has failed because of lack of wind. We have both mill and engine and often we could pump water with the mill for but two days in the week, the rest of the time being too still to turn the wheel. But 1924 has started out to make up the deficiency and it is not likely we will have to use the engine much the rest of the winter to pump water for stock.

It costs about twice as much to rig up to pump with both engine and windmill as it does for the mill alone, but we believe it pays to have a standby plant, for water is something the stock must have at all times.

Capper Pig Club News

Final Contest Records are Graded and Judges
Decide Upon the Winners of 1923

BY RAYMOND H. GILKESON
Club Manager

DILIGENT workers in the Capper Pig Club contest of 1923 now will receive their rewards, because the judges have completed grading every final report. Despite the fact that last year was especially bad so far as the hog business was concerned, the club members come out with a good record.

Makes Highest Net Profit

Corbin Hazen, Brown county, started his business right with high quality stock, and he wanted to prove that he had quality so he entered at several fairs, including the Kansas Free Fair, and the Royal Livestock Show at Kansas City. At all times he has been a consistent winner, and it is a pleasure to find that our records show that Corbin wins the silver trophy cup for highest profit. He made a total net profit of \$270.

Cecil Vansickle, Harvey county, was a new man in the game during 1923 but he managed to raise the most pork. His total production amounted to 2,490 pounds, which is some record for a spring litter.

Winners in Open Contest

Competition in the open contest was rather close as most members handled their work so well. In deciding upon the winners the judges considered production, net profit, cost of production and accuracy in making our reports. It is all worked out on a percentage basis so that regardless of cost of contest entry, number of pigs and things of that sort, each club member has an equal chance of winning. It is a pleasure to announce the 15 winners in the open contest.

Kenneth Wagner	Sumner County
Chester Martin	Pawnee County
Emil Steward	Morris County
Ray Rumold	Morris County
Herbert Wagner	Sumner County
Jeffrey Ewald	Marshall County
Lawrence Sterbenz	Lyon County
Robert Knight	Linn County
Henry Abels	Clay County
James Twell	Bourbon County
Fern Mitsch	Dickinson County
Paul Twell	Bourbon County
Corbin Hazen	Brown County
Ray Jellison	Lincoln County
Harold Nelson	Republic County

Each year the county team doing

the best work as a unit in the open contest receives a cash prize of \$50. This is divided among the members of the winning team. To determine the winning team, all the final records of each county are averaged separately. This year Morris County Team No. 1, of which Lauren Rumsey is leader.

Where Dad Comes In

One of the valuable features of the Capper Pig Club work is the Father-Son department. In this a Capper Pig Club member gets his father to join with him in trying to make a better record than any other boy and his dad. The junior member works with his contest sow and litter and the father enters his farm herd. Always there is a lively contest, and 1923 was no exception. After very careful consideration the judges find the winners to be:

Clifford and C. A. Said	Anderson County
Kenneth and E. J. Wagner	Sumner County
Emil Steward and C. V. L. Branic	Sumner County
Robert and C. W. Knight	Linn County
Clark and E. E. Howerton	Linn County

Good Average Production

It is interesting to note that the average production of our hundreds of club members for 1923 amounts to 1,090 pounds, and the average net profit after counting out all operating costs, amounts to \$95. That doesn't seem so much for eight months' work, but when you consider that prices were low, that the majority of the club members were just starting in on borrowed money, and that almost every boy still has his original contest entry and an average of two pigs from the contest litter, it isn't so bad. Considering everything, 1923 was a very good year for the contestants, but the year just ahead looks much better.

About 75 per cent of the old members have signed up for another year's work, and hundreds of new applications are coming in, but there still is room for ambitious boys. Send your name to the club manager immediately and you'll be the owner of a fine purebred contest sow in a very short while. Remember the prizes of 1923 will be duplicated for this year.



Cooks Quickly—Bakes Rapidly

PRETTINESS in an oil stove is a superficial quality. The real, deep-down quality that endears an oil stove to a housewife is its ability to cook and bake rapidly—and efficiently.

An oil stove that is equipped with Lorain High Speed Oil Burners cooks quickly and bakes rapidly because these famous burners generate an intense heat which comes in direct contact with the cooking utensil.

For twelve years all stoves equipped with this burner have been giving perfect satisfaction in thousands upon thousands of homes. Year by year its popularity has increased. Last year the demand far exceeded the production, great though that production was.

This wide-spread popularity of the Lorain Burner is due to its many exclusive features. For instance, the vital part, the inner combustion tube, is made of Vesuvius Metal, which is not affected by the intense heat. Read the Guarantee.

Then, the Lorain has a patented wick-stop which automatically de-

termines the correct lighting and burning-point of the wick, which with the Lorain Burner are one and the same. Then there are the tapered combustion tubes which prevent "boil-overs" from reaching the wick. Then, too, the construction of the oil-well prevents wick-sticking and makes re-wicking easy. The famous Lorain Wick outlasts all other wicks and seldom requires trimming. It, too, is an exclusive feature of the Lorain Burner. So is the large, smooth-rimmed Red Wheel which makes wick-adjustments easy.

The nearest dealer who sells oil stoves equipped with this remarkable Lorain Burner will explain these important features to you. You'll have no difficulty in selecting a Lorain-equipped Oil Stove that just suits you as to price, size, style and color.

Many famous makes of Oil Cook Stoves are now equipped with the Lorain High Speed Oil Burner, including:

DANGLER
Dangler Stove Co. Div.,
Cleveland, Ohio

DIRECT ACTION
National Stove Co. Div.,
Lorain, Ohio

NEW PROCESS
New Process Stove Co. Div.,
Cleveland, Ohio

QUICK MEAL
Quick Meal Stove Co. Div.,
St. Louis, Mo.

CLARK JEWEL
George M. Clark & Co. Div.,
Chicago, Ill.



IF GAS is available you'll find no cooking appliance to compare with Lorain-equipped Gas Ranges. One easy turn of the Lorain Red Wheel gives you a choice of 44 measured and controlled oven heats for any kind of oven cooking or baking.

LORAIN
OVEN HEAT REGULATOR

AMERICAN STOVE COMPANY, St. Louis, Mo.

Sole Manufacturers of Gas Ranges Equipped with the Lorain Oven Heat Regulator
World's Largest Manufacturers of Cooking Appliances

LORAIN

HIGH SPEED OIL BURNER

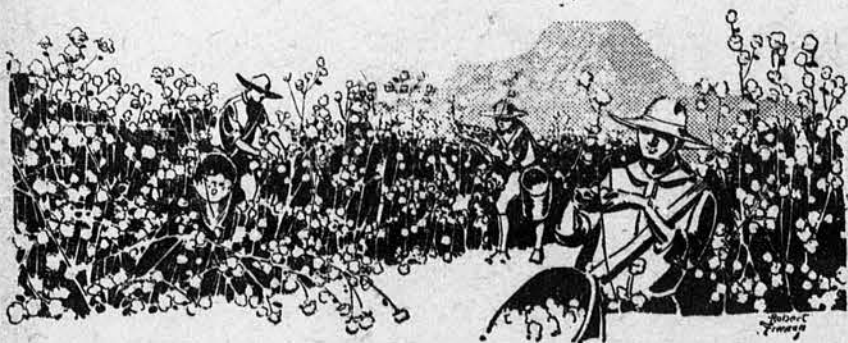
BECAUSE the short chimney oil stove burner produces an intense flame which strikes directly on the bottom of the cooking utensil, the heat generated has, in the past, caused the early destruction of its vital part, the inner combustion tube.

This fault has been completely eliminated in the Lorain High Speed Oil Burner by making the inner combustion tube of "Vesuvius Metal" which is not affected by the destructive action of this intense heat.

Therefore, American Stove Company now gives the following unconditional guarantee with each Lorain Oil Burner:

GUARANTEE

Should the inner combustion tube of the Lorain High Speed Oil Burner burn out within 10 years from date of purchase, replacement will be made entirely free of charge.



Harvesting Now the rich crops that grow here the year around

IT'S harvest time in the Salt River Valley, while many other sections are still under snow.

But it's not the only harvest time, it's merely one of them. For crops grow the year around in this fertile Valley. And many acres grow two, three, four crops per year.

That's why farmers here earn bigger returns per dollar invested. And why they live well on twenty, thirty and forty acre farms.

The soil is fertile, growing almost any crop. The climate is like year round summer.

And the water is impounded by the great Roosevelt Dam. So every acre has just the water it needs when it needs it. No droughts.

What Grows Here

Alfalfa, grain, cotton, citrus and deciduous fruits, garden truck, potatoes, grapes, dates, figs, and many other crops grow well in the Salt River Valley, Arizona. Head lettuce from this district is now going into Eastern markets by the carload.

And they bring big returns. According to the figures from the Bureau of Statistics, United States Department of Agriculture, 1922, 80,000 acres of alfalfa averaged \$72.00 per acre; 2,000 acres of Desert Sweet oranges and grapefruit averaged \$400; 4,000 acres of cantaloupes averaged \$152; berries produced \$450 per acre and the yield from asparagus frequently runs as high as \$1,000 per acre.

Live stock has ample grazing land. Dairying has remarkable advantages.

All this is found in a single Valley, settled by the highest type of American farmer. And land can be bought at remarkable prices on terms that are an added inducement to established citizens for the story of the Salt River Valley is now being told for the first time to the majority of farmers.

Health and Happiness

The climate builds robust bodies and adds years to the lives of the Valley citizens—summer weather every day.

The public schools rank second in the United States, so offer unusual educational advantages. School books are furnished free by the State for all grammar schools. Churches of every denomination are convenient to every district.

Phoenix, the capital of the State—a busy city of 35,000 people—is located in the center of the Valley. And other thriving towns are located here and there. All these advantages are made accessible by 400 miles of paved roads, no farm being more than a mile from a concrete highway.

Then added to climate, excellent educational and social advantages, and high earnings are mountain playgrounds that almost completely encircle the Valley. They offer quiet spots for rest and relaxation or splendid hunting grounds for those so inclined.

This is a land of opportunity. It offers more than you can now imagine. It offers a happier, freer life, to thousands of farmers whose ideal home is here.

Come and visit. Find out at first hand what you are missing. The trip itself is worth while and it may open up to you a new life that is like the one you have always wanted. Send the coupon for our free literature and plan now to come.

NOTE: If you are planning a trip to California, you can easily and cheaply arrange to stop off in Phoenix for a few days. Both the Southern Pacific and Santa Fe Railroads have made special arrangements for those who desire to visit the Salt River Valley.



A Monument to Roosevelt's Greatness

Big, broad, sound and productive, the Salt River Valley stands as a fitting monument to the great man who made it possible.

It was one of the many interests of Roosevelt. He studied its soil and climate carefully. He sought the advice of experts.

Then when he knew that hundreds of thousands of productive acres could be reclaimed by water alone, he threw the weight of his influence into the scales for the great dam which bears his name.

His fondest dreams for this section are being more than realized. In addition to the amazing farm land which the dam made possible, the power development is rapidly paying for the entire cost of the great engineering feat, so that soon the water for irrigation will cost the farmers nothing.

Salt River Valley

Irrigated by the Great Roosevelt Dam—
Arizona's All Year Farming Land

Salt River Valley-Arizona Club, Department 101
Chamber of Commerce Bldg., Phoenix, Arizona.

Please send me detailed information about the fertile farming lands in the Salt River Valley and the opportunities which are open to newcomers. It is understood this incurs no obligation on my part whatever.

NAME.....

STREET OR R. F. D.....

CITY.....

STATE.....

Farm Organization Notes

Program for Farm and Home Week at K. S. A. C. Opens February 4 and Continues All Week

BY JOHN W. WILKINSON

FARM AND HOME WEEK at the Kansas State Agricultural College this year promises to surpass in the excellence of its program all previous efforts of its kind. February 4 to February 9 are the red letter dates this year which mark this important annual event of the college.

Crops will occupy two headline attractions on the week's program. The Kansas Crop Improvement Association has scheduled its annual meeting for Wednesday and Thursday. From Tuesday to Friday, inclusive, a short course in agronomy also will be offered.

The variety of crop subjects and the reputation of the speakers who will discuss them can be illustrated by a few extracts from the program:

The Trend of Alfalfa Production in Kansas, J. C. Mohler, secretary of the State Board of Agriculture; The Future of Alfalfa, L. E. Call, head of agronomy department; Tillage for Increased Yield, W. W. Burr, professor of crops, University of Nebraska; Crop Rotation in Kansas, R. I. Throckmorton, head of soils work; Tame Grass Pastures in Kansas, J. W. Zahnley, professor of crops; Sweet Clover in Kansas, L. E. Willoughby, extension agronomist; Use of Lime in Kansas, E. B. Wells, soils specialist; The Need of Good Seed, W. L. Oswald, editor of Seed World; Producing and Selling High-Grade Kafir Seed, Joe Robbins, county agent; The Seed Oat Situation, S. C. Salmon, professor of crops.

Kansas farmers who attend the animal husbandry short course during Farm and Home Week will be treated to a feast of useful information presented by widely known authorities on livestock subjects, according to Dr. C. W. McCampbell, professor of animal husbandry.

Four days of intensive training, February 5 to February 8, will be provided Kansas farmers interested primarily in trucking and orcharding. There will be an opportunity for an exchange of ideas, looking toward new and better ways of improvement. Twenty lectures by trained horticulturists on practical phases of growing and marketing fruit and truck are scheduled.

An important feature of the Farm and Home Week program is the four

day poultry short courses. Dr. L. R. Gard, head of poultry work at the University of Illinois will lead the discussions.

Tuesday, February 5 will be Engineers' Day and the use of electricity on the farm will be stressed at that time and the principal address will be given by M. H. Aylesworth, managing director of the National Electric Light Association of New York. H. N. Farris of the Kellogg Switchboard and Supply Company will follow him with an interesting talk on rural telephone lines.

The business side of farming also will be given special attention. The four day program will deal with marketing, taxation, land values, farm credit, transportation, co-operation, agricultural legislation, and other economic problems confronting Kansas farms.

Many interesting general addresses will be given, but the most important one will be given Friday morning, February 8, by Judge Clyde M. Reed on the subject of railroad freight rates which he will debate with Samuel O. Dunn, editor of the Railroad Age.

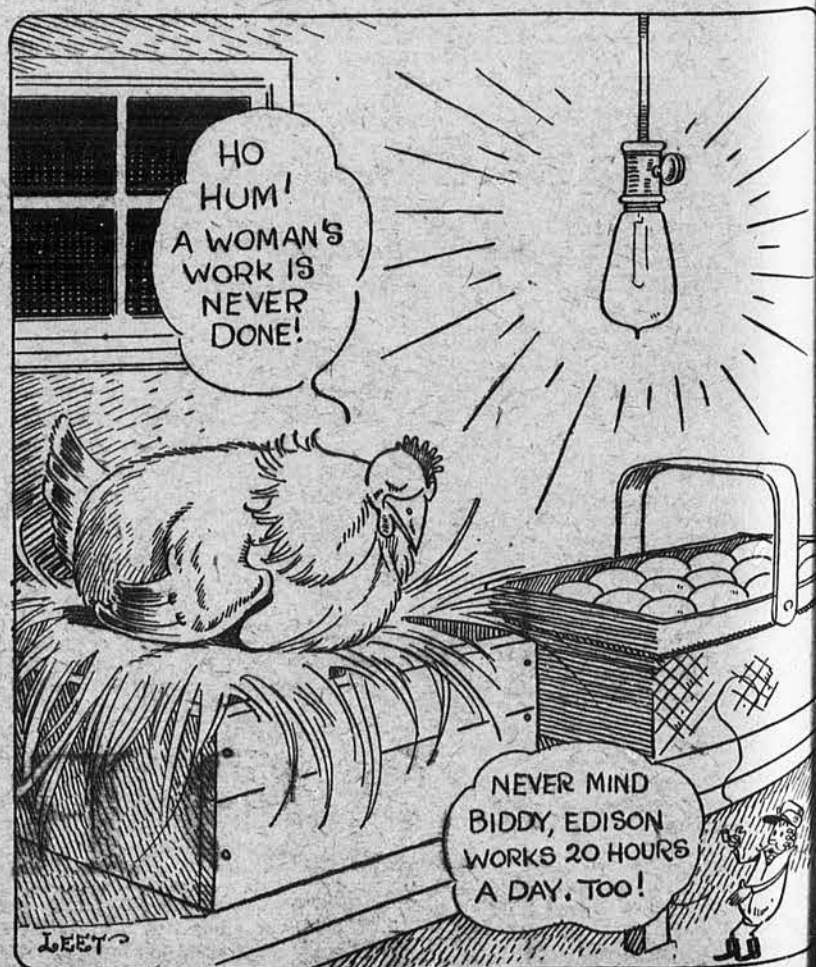
Calls All Co-operatives

Walter Petet, newly appointed executive secretary of the National Council of Farmers' Co-operative Marketing Associations, announced last week that a conference of all co-operatives has been called by the council to meet in Washington, February 7 to 9. Office of the new organization will be opened at Washington, D. C.

He declared that the coming meeting between co-operative marketing associations will be the first attempt of the new organization to bring the associations together for a discussion of common problems.

Solution of the wheat marketing problem thru co-operative marketing associations is to be the first subject discussed, the secretary said. He explained that the railroad rate situation as it affects co-operative groups will come in for its share of consideration. Consideration also is to be given various relief measures for agriculture pending in Congress and recommendations arrived at.

A farmer is known by the stock he keeps.



Have You an Electric Hen on Your Farm?

The Cross-Cut

(Continued from Page 8)

and pulled their caps low over their ears. Winter had come in earnest, winter with a blizzard raging thru the town on the breast of a fifty-mile gale. Out into it the two men went, to fight their way thru the swirling, frigid fleeces to Kentucky Gulch and upward. At last they passed the guard, huddled just within the tunnel, and clambered down the ladder which had been put in place by the sight-seers on the day of the strike. Then—

Well, then Harry ran, to do much as Fairchild had done, to chuckle and laugh and toss the heavy bits of ore about, to stare at them in the light of his carbide torch, and finally to hurry into the new stope which had been fashioned by the hired miners in Fairchild's employ and stare upward at the heavy vein of riches above him.

"Wouldn't it knock your eyes out?" he exclaimed, beaming. "That vein's certainly five feet wide."

"And two hundred dollars to the ton," added Fairchild, laughing. "No wonder Rodaine wanted it."

"I'll say so!" exclaimed Harry, again to stand and stare, his mouth open, his mustache spraying about on his upper lip in more directions than ever.

A long time of congratulatory celebration, then Harry led the way to the far end of the great cavern. "Ere it is!" he announced, as he pointed to what had seemed to both of them never to be anything more than a fissure in the rocks. "It's the thing that saved my life."

How Harry Saved His Life

Fairchild stared into the darkness of the hole in the earth, a narrow crack in the rocks barely large enough to allow a human form to squeeze within. He laughed.

"You must have made yourself pretty small, Harry."

"What? When I went thru there? Well, I could have gone thru the eye of a needle. There were six charges of dynamite just about to go off behind me!"

Again the men chuckled as they looked at the fissure, a natural, usual thing in a mine, and often leading, as this one did, by subterranean breaks and slips to the underground bed of some tumbling spring. Suddenly, however, Fairchild whirled with a thought.

"Harry! I wonder—couldn't it have been possible for my father to have escaped from this mine in the same way?"

"E must 'ave."

"And that there might not have been any killing connected with Larsen at all? Why couldn't Larsen have been knocked out by a flying stone—just like you were? And why—?"

"E might of, Boy." But Harry's voice was negative. "The only thing about it was the fact that your father had a bullet 'ole-in 'is 'ead." Harry leaned forward and pointed to his own ear.

"It 'it right about 'ere, and landed. It didn't hurt 'im much, and bandaged it and then covered it with 'at, so nobody could see."

"But the gun? We didn't find any."

"E 'ad it with 'im. It was Sissie Larsen's. No, Boy, there must 'ave been a fight—but don't think that I mean your father murdered anybody."

Sissie Larsen attacked 'im with a gun, then 'e 'ad a right to kill. But as 'e told you before—there wouldn't 'ave been a chance for 'im to prove 'is story with Squint working against 'im."

And that's one reason why I didn't ask any questions. And neither did 'other 'oward. We were willing to take your father's word that 'e 'adn't done anything wrong—and we were willing to 'elp 'im to the limit."

"You did it, Harry."

"We tried to—" He ceased and shook his head toward the bottom of the shaft, listening intently. Didn't you hear something?"

"I thought so. Like a woman's voice."

"Listen—there it is again!" They were both silent, waiting for a repetition of the sound. Faintly it came, for the third time:

"Mr. Fairchild!"

They ran to the foot of the shaft, and Fairchild stared upward. But he could see no one. He cupped his hands and called:

"Who wants me?"

(Continued on Page 15)

Invest in a McCormick-Deering Tractor for Plowing and Belt Work

The remarkable new warranty covering the crankshaft and the crankshaft ball bearings in McCormick-Deering Tractors may well prove the deciding factor in *your own investment*. The ironclad agreement, printed below, provides you with a lasting security covering these important parts of the tractor. It is evidence of quality in the entire tractor. It is an indicator of practical design, accurate assembly, generous size of parts, and long life.

Do your plowing speedily and well with a McCormick-Deering and fit your tractor to all kinds of belt work. McCormick-Deering Tractors are designed to handle belt jobs as you want them handled.

SPECIAL WARRANTY

given every purchaser

The seller agrees to replace free the Two-Bearing Crankshaft in any 10-20 or 15-30 McCormick-Deering tractor, should it break during the life of the tractor, provided the broken parts are promptly returned to the factory or one of the branch houses.

Further, the seller agrees to replace free any Crankshaft Ball Bearing in the 10-20 or 15-30 McCormick-Deering tractor, which may break, wear out, or burn out during the life of the tractor, provided that the defective ball bearing is promptly returned to the factory or one of the branch houses.

And McCormick-Deering machines are made to work right with tractors. The combination can't be beat.

Stop at the McCormick-Deering dealer's and go over the construction and the features of these tractors. Study the value of replaceable wearing parts, the unit main frame, ball and roller bearings at 28 points, etc. And remember this important fact:

When you buy a McCormick-Deering Tractor you get all necessary equipment—throttle governor, belt pulley, platform, fenders, brake, etc. No extras to pay for.

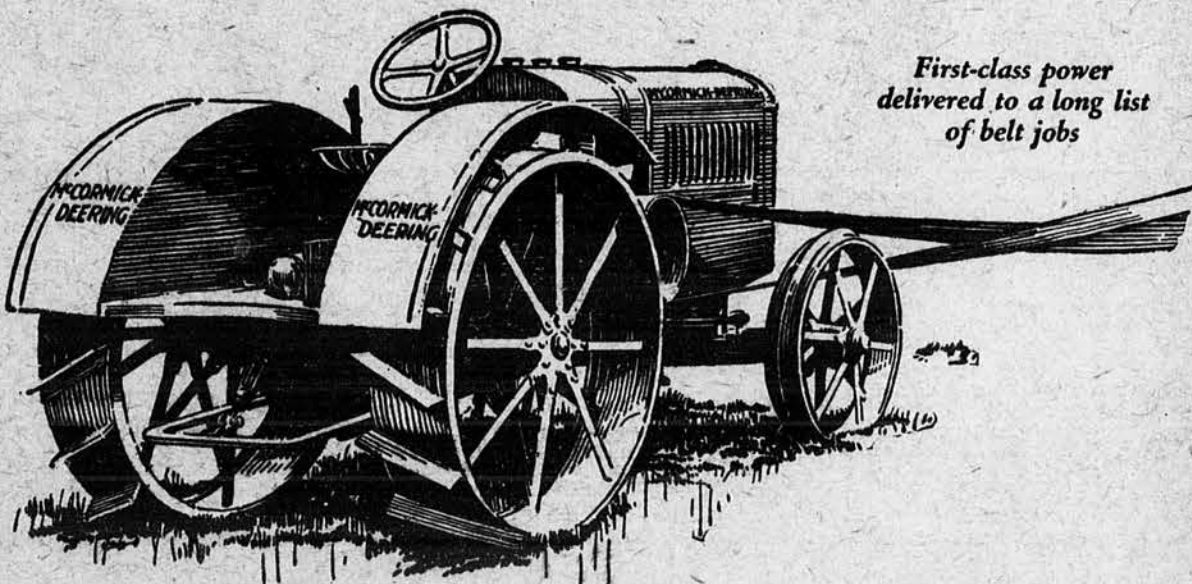
Make your power investment safe by placing an order for a McCormick-Deering 15-30 or 10-20 Tractor.

INTERNATIONAL HARVESTER COMPANY

606 So. Michigan Ave.

of America
(Incorporated)

Chicago, Ill.



First-class power
delivered to a long list
of belt jobs

Imported Melotte

with the self-balancing bowl. Positively cannot get out of balance therefore cannot vibrate. Can't remix cream with milk. Runs so easily, bowl spins 25 minutes after you stop cranking unless you apply brake.

\$7.50
After 30 Days
FREE TRIAL

Catalog tells all—WRITE
Caution! U. S. Bulletin 301 of the best causes cream waste! 30 days' free trial—then, if satisfied, only \$7.50 and a few easy payments—no and—the wonderful Belgium Melotte Separator is yours.

Catalog FREE

Send today for free catalog containing full description. Don't buy any separator until you have found out all about the Melotte and details of our 25 year guarantee.

MELOTTE, P. O. BOX 100, U. S. 100, Chicago



Free for Testing



A pair of Mated Everbearing Strawberry Plants Free if you will report your success with them. Bear large crops the same season set. Have constant and berries and blossoms on a single plant in Sept. Send 10 cents for mailing expenses or not as you please.

THE GARDNER NURSERY CO., Box 329, Osage, Iowa

GOOD TREES

CATALOG FREE

Large assortment of Fruit and Ornamental Trees, Grapes, Berries and Shrubs. Write today.

WELLINGTON NURSERIES
BOX 35 WELLINGTON, KAN.

STRAWBERRIES



There is big money growing them. We grow the best plants. 45 years in business.

FREE! Big colored catalog, tells whole story.

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

GOOD SEEDS

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

R. H. SHUMWAY, Rockford, Ill.

Save Calves and Cows by Using ABORNO



Guaranteed Remedy for Contagious Abortion Successfully used by thousands of farmers, stockmen, and dairymen. Easily administered. Kills abortion germs in blood—can't injure animals. Write for Free Book, describing symptoms and effects—with many letters from users. Money-back guarantee.

ABORNO LABORATORY
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CLOVER 200 PER BUL

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

A. A. BERRY SEED CO., Box 135 CLARINDA, IOWA

Hides Tanned

Save 25% to 50% on fur overcoats, robes, fur garments. Send a hide or skins to GLOBE and get a garment for the price of making only, in quickest possible time. We have pleased farmers since 1904. Write for this new GLOBE catalog.

GLOBE Tanning Co., 2488 E. First Street, Des Moines, Iowa

HIDES TANNED

Best low prevailing prices on hides by having them made into coats, robes and harness leather. You have the hides.

COWNIE

The old reliable tanner will tan them and make it possible for you to keep the profits in your own pocket. COWNIE TANNING CO., 622 Market St., Des Moines, Iowa

MAKE MONEY Pulling stumps for yourself and others with "Hercules"

—the fastest, easiest operating stump puller made. Horse or hand power. Easy terms—\$10 Down.

Cheapest Way to Pull Stumps

Write Quick for Agent's Offer Big profits with easy work for you in my new special agent's offer. Also get my new big catalog—free.

HERCULES MFG. CO.
1128 29th St.
Centerville, Iowa

A Puzzle-Riddle Page for Small Folks



How Many Ears?

A squirrel carries one ear of corn away from a corncrib every day. How many ears does he carry away in a week? Twenty-one, because each day he also carries away his own two ears.

Irene Hendrixson.

Waldo, Kan.

To Keep You Guessing

Read these riddles aloud to the family, withholding the answers, and see how many can guess them. You may send us your favorite riddles if you care to.

What is it that sings and has eight legs? A quartet.

What is it that goes but never gets anywhere? A clock.

When is a sheep like ink? When it is put into a pen.

Why should you never tell secrets in

a cornfield? Because there are so many ears about.

What is the best thing to put in a mince pie? Your teeth.

Why are the western prairies flat? Because the sun sets on them every day.

What is the most difficult key to turn? Don-key.

What asks no questions but requires many answers? The doorbell.

What is the best material for kites? Fly-paper.

Which eat more grass, black sheep or white? White, because there are more of them.

Why is a baker a most improvident person? Because he sells that which he kneads himself.

Why can't you tell a secret in the garden? Because the potatoes have eyes and the corn has ears.

Simple Simon's
teeth need
cleaning
And it plainly
shows!
But all the powder
he can find
Is on his sister's
nose!



Know These Words?

To behead a word, take off the first letter. To curtail a word, take off the last letter. To do both of these things successfully to one word is a nice little test of your vocabulary. It makes a game that is fun to play, too. Try your skill on these, seeing how many you can get correct without consulting the answers below.

Behead and curtail vessels made of clay and baked and leave a chair mounted on rockers.

The impatient chewing of a horse and

leave the salted thigh of an animal.
A thin porridge and leave to regret exceedingly.
A small fragment of cake and leave an intoxicant.
A citrus fruit and leave a kind of cooking stove.
A large ladle and leave a pen for poultry.
Responding on the instant and leave to play rudely.

(Answers: Crockery-rocker; champagne; gruel-rue; crumb-rum; oranges-range; scoope-coop; prompt-romp.)

'Twas My Unlucky Day



Wunst I got mad at maw;
I don't remember why,
But I 'st walked right off to school
'Thout tellin' her good-by.

A big lump came in my throat
An' purt' near made me cry,
Fer me and maw is awful pals,
An' allus kiss good-by.

An' might' near everything I did
Went wrong, looked like to me;
I stubbed my toe, an' tore my waist,
An' fell an' skinned my knee.

I missed in 'rithmetic, an' lost
A chanst to get up head,
An' in the spellin' class I left
A letter 'out of 'dead."

An' that ol' lump grewed, an' I says,
'S'pose my maw should die
Right now, an' me a-leavin' her
'Thout kissin' her good-by."

Geel! That's the longest mornin'
'At I ever spent, I know;
It seemed like more'n fifty years
'Fore it was time to go.

An' never mind what happened
When I seen my maw, but I
'st bet I won't go 'way no more
'Thout kissin' her good-by!

In Our Letter Box

Several years ago I bought a little white puppy for \$3. She had six puppies and I sold them for \$25. I put the money in the Lyons National Bank and this year I bought a young pig for \$10. I am going into the pig raising business. I am 11 years old and in the fifth grade.

Lyons, Kan. Maxine Van Leer.

A School Attendance Record

Some time ago there appeared a letter in your paper about a Kansas girl who has a perfect school attendance record for 8 years and the ques-

tion was asked, "Who can beat it?" We have one here who can. Miss Esther Wright has a perfect record of school attendance for 10 years. This includes all of the graded school and two years of high school. During this 10 years she has not been absent or tardy. Now, who can beat this?

O. F. Barnard, Principal.

Farmington, Kan.

Taking Life Easily

I am 16 years old and live on a farm 4 miles north of Sun City. I have a pet horse. She is my riding horse. I also have a pet dog. Its name is Kino. The horse is named Blue. My cousin Martha lives on the farm, too. She has a pony named Spot. We girls are spending life easily and happily.

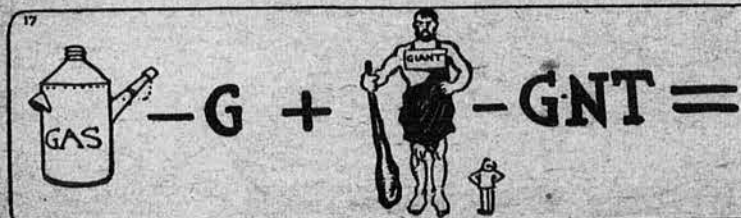
Ruth Carrie Wiltshire.

Sun City, Kan.

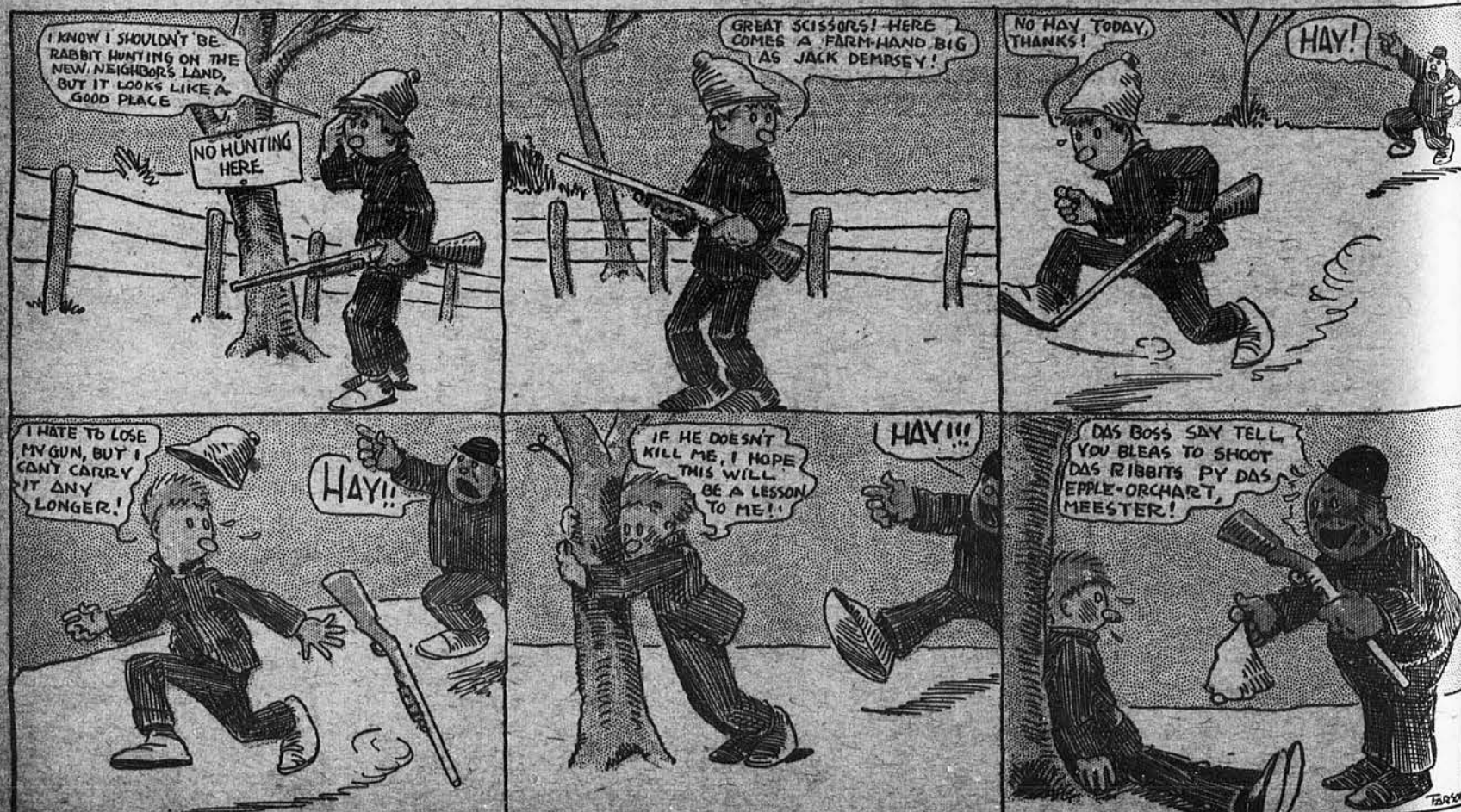
It is 4 inches wide,
9 inches long
and 3 inches deep,
yet in it you can
place a solid foot



Follow the numbers with your pencil and you will draw a picture which is the answer to this riddle.



When you have solved the above puzzle send your answer to the Puzzle Editor, Kansas Farmer, Topeka, Kan. A package of postcards each for the first five correct answers.



The Hoovers—The Farm Hand Delivers His Message—But Has to Go Some to Overtake a Guilty Conscience

The Cross-Cut

(Continued from Page 13)

"It's me." The voice was plainer now—a voice that Fairchild recognized immediately.

"I'm—I'm under arrest or something up here," was added with a laugh. "The guard won't let me come down."

"Wait, and I'll raise the bucket for you. All right, guard!" Then, blinking with surprise, he turned to the staring Harry. "It's Anita Richmond," he whispered. Harry pawed for his mustache.

"On a night like this? And what the bloody 'ell is she doing 'ere, any'ow?"

"Search me!" The bucket was at the top now.

Then Came Anita

A signal from above, and Fairchild lowered it, to extend a hand and to aid the girl to the ground, looking at her with wondering, eager eyes. In the light of the carbide torch, she was the same boyish appearing little person he had met on the Denver road, except that snow had taken the place of dust now upon the whipcord riding habit, and the brown hair which caressed the corners of her eyes was moist with the breath of the blizzard. Some way Fairchild found his voice, lost for a moment.

"Are—are you in trouble?"

"No." She smiled at him.

"But out on a night like this—in a blizzard. How did you get up here?"

She shrugged her shoulders.

"I walked. Oh," she added, with a smile, "it didn't hurt me any. The wind was pretty stiff—but then I'm fairly strong. I rather enjoyed it."

"But what's happened—what's gone wrong? Can I help you with anything—or—"

Then it was that Harry, with a roll of his blue eyes and a funny waggle of his big shoulders, moved down the drift toward the slope.

"Mother Howard told me where you were," came quietly. "It was the only chance I had to see you. I—I—maybe I was a little lonely or—or something. But anyway, I wanted to see you and thank you and—"

"Thank me? For what?"

"For everything. For that day on the Denver road, and for the night after the Old Times dance when you came to help me. I—I haven't had an easy time. And I've been in rather an unusual position. Most of the people I know are afraid and—some of them aren't to be trusted. I—I couldn't go to them and confide in them. And—you—well, I knew the Rodaines were your enemies—and I've rather liked you for it."

"Thank you. But—" and Fairchild's voice became a bit frigid—"I haven't been able to understand everything. You are engaged to Maurice Rodaine."

"I was, you mean."

"Then—"

"My engagement ended with my father's death," came slowly—and there was a catch in her voice. "He wanted it—it was the one thing that held the Rodaines off him. And he was dying slowly—it was all I could do to help him, and I promised. But—when he went—I felt that my—my duty was over. I don't consider myself bound to him any longer."

"You've told Rodaine so?"

(TO BE CONTINUED)

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

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Listen: When I tell you that I can fit you for any auto job or fit you to start right out in your own business in 47 days I mean it! And I'm not making any wild offer either. I've done it for thousands of men and I know I can do it for you. Don't get me wrong! You can stay here longer if you want to—a year if you like—but you can be thorough and know the game from "a to izzard" in 47 days—just like others have!

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Tire shops, garages, vulcanizing shops, repair shops, filling stations, that's what my students start. And I tell you they've got the edge on the white collar boys when the money starts coming in. You can have an income, be independent of any boss—have a business of your own with absolutely unlimited future to grow. And I'm proud to point to you and say "He's another Sweeney man that I trained."

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Emory J. Sweeney, President,
Dept. 32-A, Sweeney Bldg., Kansas City, Mo.

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Only enough weight on the front wheels to make it run steady. Makes it lighter draft.

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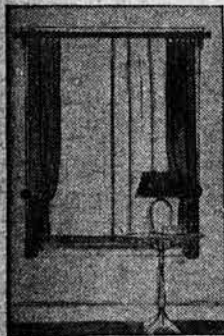
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Our Kansas Farm Homes

Mrs. Ida Migliario
—EDITOR—

What Fashion Has Decreed the Latest in Draperies Shall Be

A VERY dear friend recently wrote to me telling of the new home she and her husband were building. She asked me to tell her some new way to decorate her windows. Living in a small town, she said she had no opportunity to look around for ideas. I went to the largest furniture store in the city and I want to tell you what the man at the head of the curtain and drapery department said on curtaining windows. For the living rooms, net curtains with a fringe edging the bottom are greatly in demand. Ruffled curtains and the plain voiles and marquisettes are good to use thruout the house.



But the draperies when put on the lovely new colored wooden poles are most attractive. These poles come in all lengths and will reach across a group of three or four windows. You can have them painted and decorated in the most gorgeous colors to fit any color scheme, altho the poles are attractive just in the plain black enamel or walnut finish. The large wooden rings which are tacked to the drapes are colored a different hue.

Then there are the large wooden head screws for the tie backs. Some of the more expensive wooden heads have beautiful colored jewels in them. My friend is going to buy these unpainted poles for her living room windows and paint them herself.

Audrey Myers Guild.

Are We Resourceful?

"Oh for the convenience and satisfaction of running over to the store and getting just what one wants to eat!" said a woman to me the other day.

We have plenty to eat in the country but the sameness, the lack of variety seems to be a cause for complaint. Yet I have come to think that this is not so much a matter of location as it is lack of originality in the individual. I'll relate an outstanding incident demonstrating the resourcefulness of one woman who invited me with her not so very long ago. I made a note of the menu.

There was baked chicken with sage dressing, mashed potatoes, breaded parsnips, sweet potato croquettes, baked squash, cranberries, celery, mince pie, fruit cake and coffee. Of course there was butter, preserves and sweet cream. Practically everything but the cranberries and coffee was produced on the farm. I took the precaution to obtain a couple of recipes. The sweet potatoes were boiled until tender, then put thru a potato ricer (or mashed) and a little cream and butter added, then shaped into cakes and fried a light brown in hot butter and lard.

The parsnips were boiled in salted water until tender, then sliced thinly the long way, dipped into beaten egg, then in cracker or bread crumbs and fried in butter to a golden brown. The sweet potato and parsnip is very common with us, but the different ways of preparing and serving give variety.

Mrs. R. G. A.

Douglas Co., Missouri.

Keeps Baby's Chest Dry

"It is so difficult to keep baby's chest dry!" a mother complained to me recently. "I can put a fresh dress and bib on him and in an hour his little shirt over his chest will be wet again with his gurgling and 'spitting up'."

A chest protector is a simple way of meeting this problem. Cut a small

piece of stork cloth 4 or 5 inches square. Bind it around the edge with soft, white bias braid or tape and fasten two tiny safety pins at the top. Pin this under the bib, or if the baby is not wearing a bib, under the dress yoke. Of course it does not show when placed just above the shirt under the dress and petticoat. Many mothers like to use the bib in this way when they are taking the baby some place, or when they are having company and do not wish to use a bib on the baby.

This simple little protector keeps the baby's shirt and chest dry, and not only saves laundry work but protects his health.

Orille Bourassa Rhoades.

Popcorn Balls and Pin Money

The children of one farm family living close to town have earned money selling popcorn balls around the city. The mother helps the children pop the corn and sift it to take out the unpopped grains. They then measure 1 pint of popped corn, pour a sugar sirup over it and form it into balls. The balls are wrapped in waxed paper and a market basket is filled. They usually sell 100 balls in a short time. I talked to one little girl in August and she said she had cleared more than \$50 during the summer. That would buy her clothing for the year.

Mrs. Cressie Zirkle.

Dressing Up the Muffin

Many are the delightful variations of the muffin, and when one has a reliable recipe, she may be sure of good results when she wishes especially to please her family with this hot bread. This recipe, taken from "The Farm Cook and Rule Book," is an excellent one.

Muffins

1/2 cup butter	1/2 teaspoon salt
1/2 cup sugar	2 eggs
6 teaspoons baking powder	2 cups milk
	4 cups flour

Cream the butter, add the sugar and beat the mixture until light and creamy. Add the well beaten eggs, sift

the dry ingredients together and add them alternately with the milk. Bake in buttered muffin tins 25 minutes. This serves seven or eight persons.

Fruit Muffins—To the muffin batter add 1 cup of chopped and floured raisins, currants or dates. If one wishes, 1/2 cup of nut meats and 1/2 cup of raisins may be added.

Graham Muffins—Make as muffins, using equal parts of white and graham or whole wheat flour.

Cornmeal Muffins—Make as muffins, using one-third cornmeal and two-thirds white flour.

Berry Muffins—Add 1 cup of blueberries, huckleberries, or chopped cranberries to muffin batter just before baking.

Apple Muffins—Stir 1 cup of chopped apples into the muffin batter and bake.

"The Farm Cook and Rule Book," was written by Mrs. Nell B. Nichols whose recipes are well known to readers of this department. It may be obtained from the Macmillan Publishing Company, New York City. Price \$2.

Promptness and Health

An effective way of improving the children's food and health habits and at the same time curing them of chronic tardiness was discovered by Leonard Crumacker, principal of the grade school at Windom. The Red Cross nurse examined the children and found a number of underweights. The nutrition specialist from the Kansas State Agricultural College explained the use of the daily health calendar.

"I have an idea," said Mr. Crumacker. My greatest trouble is tardiness. Can't we add that as an item to the calendar? It was decided to offer a reward of one-fourth day holiday each month for keeping the health calendar if there were no tardy marks.

Two months later the nutrition specialist returned and was surprised to see the improvement in the general appearance of the children. They looked healthier and brighter. Then she learned how it happened. They had kept their health calendars religious-

For Farm and Home Week

Subjects in Which Every Mother is Vitally Interested Will Be Discussed

BY SAM PICKARD

SINCE the health and care of the adolescent child is one of the greatest problems confronting women of today, the Home Economics Division has chosen this as the primary subject to be discussed on their program during the annual Farm and Home Week which will be held at the Kansas State Agricultural College, February 4-9.

That the women of Kansas are vitally interested in the best methods of preparing their children for healthy and strong men and women is a fact that has been established thru their attendance of such meetings in the past.

The program has been arranged by the staff of the Home Economics Division with the co-operation of home economics specialists in the Extension Division of the college. They were fortunate in securing Dr. Caroline Hedger from Elizabeth McCormick Memorial, Chicago, as the main speaker on the program. Dr. Hedger is widely known as an authority on the care of children. Three subjects which she will discuss are "What a Community Owes the Child," "Nutrition of the Adolescent Child," and "The Rural School Child."

Dr. Margaret M. Justin, dean of the Home Economics Division, will speak on "Diseases Prevalent Among

Adolescent Children," Dr. J. C. Peterson of the psychology department has for his subject, "Understanding the Adolescent Child," and Dr. Martha Kramer of the Home Economics Division will discuss "The Importance of Iron in the Diet."

Miss Jean Dobbs, R. N., will talk on the question of hygiene for the adolescent child, and M. F. Ahearn, director of athletics for the college, will speak on "Athletics in the High School." Mr. Ahearn will include in his discussion the reasons why there are no more boys who are physically fit to take part in athletics by the time they reach college.

The home management, sewing, and art departments will give practical demonstrations on common mistakes in cooking, difficulties in constructing clothing, using equipment to the best advantage, getting the value for money spent for clothing, and dyes and dyeing.

Lectures accompanied by demonstrations will be given by the applied arts department on good lines in furnishing a house, some masterpieces in art, and the interpretation of some famous pictures.

Meetings will be held in the Home Economics building and will start Tuesday morning, February 5, ending Saturday, February 9.

ly. Working for the holiday gave them a strong motive. They had had one holiday and it was almost time for the second one. The holiday was spent in games in the gymnasium. Only two children in the room had been tardy and so lost their holiday, but they said it would surely never happen again.

The room had been divided into two teams and captains were elected. Each team tried to make the best record. This friendly rivalry was another incentive.

Susanna Schnemeyer.

Farm Home News

BY MRS. DORA L. THOMPSON

AN ADVERTISEMENT of a lunch served by a cafe gave several varieties of "three-decked sandwiches." These seemed suggestive of what might form an agreeable change in the school lunch. Usually, there was a lower layer of meat of some sort, then a second layer of lettuce with salad dressing; then chopped olives, pimientos or something tart. Pickles would do as well as olives. Peanut butter formed the filling for one lower layer. For such purposes the bread would need to be sliced unusually thin.

The Chocolate Bar

Recently, we read that the Chocolate King—the manufacturer of a famous chocolate bar, not knowing how to use his wealth to better advantage, had endowed a school for orphan children. When we think of the countless children who carry dinner pails to school, we could wish the "King" had chosen to make less money from the sale of the product and had placed the bar within the reach of every country child.

Another Hot Lunch Argument

There are many good reasons for serving hot lunches in school—so many, in fact, that in some states like Wisconsin 98 per cent of the rural schools are serving something hot. One argument we have not seen advanced is that it promotes attendance. One lad who gradually acquired the habit of staying at home until he would feign illness has not missed a day since the hot lunch was started. Probably the appeal to his stomach is not the only one. The added sociability may have some "pull."

Pockets for Patterns

A set of pockets for patterns purchased at the church bazaar has proved to be a time saver. One might add that it is also a pattern saver. Patterns kept in the sewing machine drawers soon become torn. This set of eight pockets is made of pretty flowered cretonne bound with bias tape. The pockets are sewed on a foundation much as a shoe bag is made and hung by a tape that may be tacked up in any convenient place.

Stocking Foot Pattern

One industrious mother of several children who finds the stocking problem a real one has saved a good many dollars by making new feet from old legs. To secure a pattern of the right size, she uses the worn out stocking foot. This is cut in a straight line over the instep and down to the toes. The other seam is a rounding one at the toes. This prevents seams where they would annoy.

Bead Medallions

Girls who enjoy stringing beads may like to make bead medallions for spring blouse fasteners. A design marked on a piece of muslin may be followed, much as one does in making rugs. The making of the design gives the girl a chance to show her originality.

Plain, Figured or Striped

Interesting Styles Are These, to Which Any Number of Materials is Adapted

BY MRS. HELEN LEE CRAIG



- 1945—Attractive House Dress. Good for house garments and good for housekeepers go hand in hand. Sizes 36, 38, 40 and 44 inches bust measure.
- 1957—Women's Dress. Slender as a reed. Bids us be are the lines of a charming frock of charmeen. Sizes 16 years and 36, 38, 40, 42 and 44 inches bust measure.
- 1961—Costume Slip. This slip is made to fit snugly and at the same time has fullness provided for by means of an inverted plait. Sizes 16 years and 36, 38, 40, 42, 44 and 46 inches bust measure.
- 1950—Girls' Dress. Just the dress for school is this. Sizes 6, 8, 10, 12 and 14 years.
- 1943—Women's and Misses' Dress. This is a lovely dress-up frock? Sizes 16 years and 36, 38, 40 and 42 inches bust measure.

1943—Morning Dress. This dress is attractive, roomy and comfortable. Sizes 36, 38, 40, 42 and 44 inches bust. These patterns may be ordered from the Pattern Department, Kansas Farmer and Mail and Breeze, Topeka, Kan. Price 15 cents each. Give size and number of patterns desired. Our spring catalog is ready. From the front cover on thru the book you will see all of the styles which will be popular during the coming season. Styles for morning and afternoon wear as well as those needed for more formal occasions and clever styles for the kiddies are shown. The catalog sells for 15 cents, or 25 cents for a pattern and catalog.

Health in the Family

BY DR. C. H. LERRIGO

Literally Makes the Man and Demands Our Serious Attention

THE average unthinking individual, food is what you eat. But the investigator knows that it is able to eat a great deal of stuff that is not food and few, indeed, are people who know what they should eat in order to get food values. There are few foods so safe and so sure in food value as dairy products. We know very much yet about essential vitamins but we do know that are found in abundance in whole butter and cream. If you will to these things a reasonable amount of green vegetables such as asparagus, spinach, chard or cabbage you will be quite sure that no lack of vitamins will be experienced. I am not here to tell you the exact nature of these mysterious agents but I can quite positively that you will have that you need if you follow my suggestions.

Of course we all know that if there is human function especially dependent upon the vitamins, it is that growth. It is worthy of more serious study that it receives in the average home. It is not enough to give the family a diet that satisfies the palate. It must be that contains the necessary elements for growth. Experiments on animals have shown that diets good enough to permit the animals to develop in an approximately normal manner are not efficient. They cause aging and instability of the nervous system. While growth is still progressing even a few weeks of a diet deficient in some important respect

causes deviations from normal development. Since this has been amply proved in animals it should impress us with the great importance of careful supervision of the diet of our children. Dairy products and green vegetables will go far to keep us on the safe side.

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 Laundering Problem

Will you please tell me how a corset should be washed? Will boiling injure it? R. C. S.

A corset should not be boiled. Make a strong solution of good soap and a small amount of ammonia. Spread the corset on a smooth surface and scrub with a stiff brush until the soil is removed. Apply clear water in the same way. Rinse in water in which a little bluing has been placed. Hang the corset in the sun and let it drip dry. Do not wring it and it will keep its shape. If handled in this way, boiling will not be necessary to remove the soil.

Milk Spots on Taffeta

How can I remove milk spots from a navy blue taffeta dress?—Mrs. O. R.

I suggest that you send your taffeta dress to a professional cleaner. You might be able, however, to clean the dress yourself in this way. First sponge with benzine and a second time with benzine and castile soap. Then sponge again with clean benzine and hang out-of-doors until dry. Remember that benzine is highly inflammable and must not be used near a fire.

What We Forget Between 15 and 50

Schools teach, and nearly every home applies the rule against coffee and tea for children.

When middle age comes, a great many people remember the facts about the caffeine drug of coffee and tea, and how its regular use may disturb health. Often they have cause to remember what it *has done* to them.

How much better it would be not to forget—and avoid the penalties!

Postum is a pure cereal beverage—delightful, and *safe* for any age—at any time. Good for breakfast at home, for all the family; good for lunch at the club or restaurant; good with the evening meal; good with a late night dinner; good on any occasion. Postum *satisfies*, and it never harms.

Why not be friendly with health, *all* the time?

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.



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Nature left that air space

Did you ever stop to think why there is a hollow space at one end of an egg? Nature has provided that air space so that the baby chick may have air to breathe from the time it comes to life within the egg until it is strong enough to break through the shell.

Eggshatched in an incubator absorb the air from the incubator. If fumes from poor oil are present they will penetrate the egg shell, which is porous, and the little chick dies in the process of incubation.

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Business and Markets

Cattle Prices Break and Rebound and Hogs Make Small Gains; General Outlook is Better

BY JOHN W. SAMUELS

THE closing week of January brought, as we have predicted from time to time, relief from the heavy glut on the hog market and some improvement in prices. However, farmers still remember their painful experience of last year and are showing no considerable amount of enthusiasm for raising pigs or feeding hogs for later markets during the year.

Livestock Forecast for 1924

It is not an easy matter at this time to make a complete forecast for the livestock and farming operations of the year, but on the production side indications now are that the swine industry will retrench strongly; that butter end of the dairy industry will expand; that there will be no great change in number of beef cattle, but a moderate continued increase in sheep; that cotton growers will make an effort to increase production as may also the corn growers; that the Wheat Belt will make an effort to curtail production. All of which would simply represent agriculture's attempt to align its production with the shifting price situation.

On the demand side, there is little to indicate that 1924 will be dominated by other than the same factors which have determined events thru 1923. In other words, there is reasonable expectation of normal domestic demand for staple foods, of possible normal demand for fibers, and if business and wages continue good, of sustained demand for the finer foods like milk, butter, fresh eggs and certain fruits. Prices will continue to depend primarily on the size of the crops, secondarily on the conditions of employment and wages. Foreign demand still looks uncertain.

Farm Economic Conditions Better

The economic condition of the farmer has improved considerably on account of the diminished spread between the prices for farm products and the prices for manufactured articles. This has been brought about to a large extent thru co-operative marketing and better opportunities for financing with the "general liquidation" of obligations wherever returns from the crops will permit, coupled with the promised reduction in acreages in this year's crops with a consequent adjournment of supply and demand.

Livestock conditions in the main are fairly satisfactory in the Middle West, especially in the Kansas City territory, but there is room for considerable improvement. This week there was a break and rebound in the cattle market at Kansas City, and there was a good demand for hogs.

Kansas City Market Quotations

Early in the week with Chicago quoting sharp declines, the local market was quoted 15 to 25 cents lower on most classes of fat steers. In the past three days this loss was regained

and the local market closed relatively higher than Chicago and fully steady with a week ago. Hog prices fluctuated within a 15 to 25 cent range this week, and at the market's close were 10 to 15 cents above the low point and about that much under the high point. Sheep and lambs show small net changes.

Receipts this week were 40,600 cattle, 7,525 calves, 67,700 hogs and 26,425 sheep, compared with 45,100 sheep last week and 44,850 cattle, 8,400 calves, 72,100 hogs and 35,650 sheep a year ago.

Beef Cattle Top is \$11.50

Heavy receipts of beef cattle in Chicago this week at sharply lower prices caused a temporary decline in Kansas City where receipts were moderate, but the local market rallied again and not only regained the early loss but closed stronger. The first prime steers offered this year, 1,050 pound long yearlings, sold at \$11.50. Some choice steers, fed 120 to 140 days, brought \$10 to \$10.50 and the bulk of the 60 to 90-day fed classes sold at \$8.25 to \$9.75. A large number of dogie and common quality native steers sold at \$6.75 to \$8. Canner and cutter cows and the medium classes of fat cows closed 10 to 15 cents higher and choice cows and heifers were steady. Veal calves were 50 cents lower and bulls 25 cents higher.

Trade in stockers and feeders this week was held in check to some extent by the cold weather. The good classes sold readily and fully steady, while the plain and common kinds were slightly lower.

Hogs Gain 15 Cents

Hog prices were steady with a week ago, 10 to 15 cents above the low point last week and about that much under the high point this week. Local receipts have been moderate, but the entire market was weakened by the heavy runs in Chicago and northern points. The top price was \$7.05 and bulk of sales, \$6.75 to \$7. Packing sows sold at \$6.50 to \$6.65. This winter's supply of fat hogs is not being properly distributed to maintain prices. Northern and Eastern markets are getting too many hogs, while the Kansas City market is falling short, due to a lack of fat hogs in its trade territory.

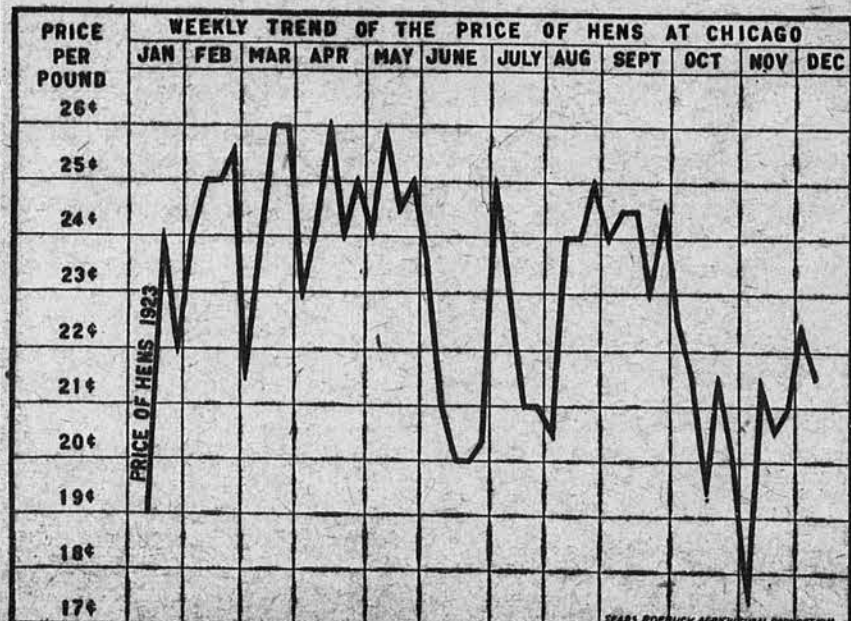
Sheep, Horses and Mules

The bulk of the fat lambs this week sold at \$13 to \$13.25 and while prices closed 10 to 15 cents under the best time the trade remained active. Ewes sold up to \$8.25 and wethers \$9. Only a few fat bunches were offered.

Demand for Southern horses increased this week and prices ruled stronger. Mules remained in active demand at steady prices.

The following quotations are given at Kansas City:

Draft horses weighing 1,500 to 1,700 pounds, \$100 to \$160; fair to good drafters, \$60 to \$100; good chunks, \$60



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to \$125; medium chunks, \$50 to \$80; fancy drivers, \$100 to \$200.
Good work mules, 4 to 7 years old, 13½ to 14 hands high, \$30 to \$95; 14 to 14½ hands, \$55 to \$110; 15 to 15½ hands, \$95 to \$160; 15½ to 16 hands, \$120 to \$185; extra big mules, \$190 to \$230.

Poultry and Dairy Products

According to the January 15 report of the Bureau of Agricultural Economics, United States Department of Agriculture, there were 3,462 more pounds of creamery butter in storage January 1, 1924 than at the same time a year previous. The figures given out by the Department show 30,282 pounds as being held January 1, 1924 as compared with 26,819 pounds for January 1, 1923. The five year average was 46,312 pounds.

There were also more eggs in storage according to this same source. January 1, 1924, there were 1,926 cases as compared with 1,311 cases for January 1, 1923, or an increase of 615 cases. The January 1 five year average was 978 cases. In frozen eggs 32,070 cases were stored January 1, 1924 as compared with 22,787 January 1, 1923, and a five year average of 10,528 cases.

The cold weather has given the market at Kansas City a little firmer tone, but prices for eggs and butter in the main were unchanged. Heavy hens advanced 1 cent a pound, but other kinds of poultry were reported steady. The following quotations are given at Kansas City:

Eggs—Firsts, 38c a dozen; seconds, 37c; selected case lots, 47c; No. 1 storage eggs, 26c.
Live Poultry—Hens, 21c a pound; broilers, 25c; capons, 25c; roosters, 11c; turkey hens and young toms, 21c; old toms, 16c; geese, 12c; ducks, 16c.
Butter—Creamery, extra, in cartons, 5½ to 57c; packing butter, 27c; No. 1 butterfat, 52c; No. 2 butterfat, 39c.

Kansas City Grain Report

Only unimportant changes are reported in the grain markets at Kansas City with the exception of corn which touched new high levels both at Kansas City and Chicago. At one time Chicago deliveries were well above 80 cents. The visible supply of corn at Kansas City is estimated at about 9 million bushels which is only about half of the amount shown on hand last year at this season. A moderate export demand was in evidence and sales in all positions amounted to about ½ million bushels. Carlot demand was good and prices ranged from 69 to 78½ cents.

The following quotations on grain futures are given at Kansas City: May wheat, \$1.04½; July wheat, \$1.02¼; May corn, 75½c; July corn, 76½c; September corn, 77c; May oats, 77c; July oats, 45c; May rye, Chicago basis, 75½c; July rye, Chicago basis, 75½c.

Cotton futures at New York City for several days have been displaying moderate strength and closed this week steady to 19 points higher. The following quotations are given at New York City:

January cotton, 32.85c; March cotton, 33.15c; May cotton, 33.37c; July cotton, 32.38c; October cotton, 28c; spot middlings, 33.35c.

The Farm Flock for Profit

(Continued from Page 7)

our experiences. Then we got purebred stock and also a fresh egg market. Our market grew so fast that we never have been able to supply it, although we have increased our flock from year to year until now we are operating today the largest poultry farm in Western Colorado and Eastern Utah.

Next year, we will have 2,000 White Leghorns on our farm. We started 10 years ago hatching our own chicks with incubators. After hatching what we wanted for ourselves, we hatched some for our neighbors, every year adding another incubator, finally putting in a Mammoth 3,000-egg machine. This supplied chicks for two years, but not enough, so two years ago we put in another Mammoth 10,000-egg incubator, making our hatching capacity 15,000 eggs, at present. So you can see what a small farm flock has grown into. Just because we kept record on our hens for one year.

Here is an account of last year's income and expenses itemized: Total number of eggs sold, 13,446 dozens; total number of eggs used at home,

360 dozens; total, 13,806 dozens; eggs set in incubator, 70,000, making a grand total of 226,672 eggs. Total cash received for eggs sold, \$3,781.46; total cash received for baby chicks, \$4,361.15; total cash received for custom hatching, \$414.15; poultry sold, \$441.40; total gross, \$8,998.16.

Feed and other expenses were as follows: Egg cases, \$110; feed, \$2,419.85; chick boxes, \$80; kerosene, \$18; baby chicks charged to ourselves, \$470.40; eggs bought to supply customers, \$478.95; advertising, \$26; new breeding stock bought, \$202.50; total expenses, \$3,805.70. This left a net balance of \$5,192.46.

Fruita, Colo. E. W. Weckel.

Incubators and Brooders

I have been using incubators and brooders for 19 years and I think the incubator is the life of the poultry business, for it enables us to get early chicks in large quantities, which we could not do if we were depending on the hen. I have used several different kinds of incubators and I think they all are good. Success depends more on the operator than on the incubator.

To have strong chickens, one should have healthy stock and none but fresh eggs should be set. Strict attention should be paid to the turning of the eggs, to the temperature, moisture and airing the eggs from the time the eggs go into the incubator until the hatch comes out.

I always have had good hatches and raise from 700 to 800 chickens every year. I set my incubators in February and continue until May. I have the White Leghorns, and from 250 hens last year, I sold \$976 worth of eggs, baby chicks and broilers, and had 300 pullets left for winter layers.

This year I have 450 hens and expect to increase my flock to 800 for another year. I cull and sell the early moulting hens and never keep a hen after she is 2½ years old.

Mrs. M. L. Thomas.

Toronto, Kan.

Day Old Chicks Satisfactory

Imagine our grandmothers finding a box of thrifty baby chicks in the morning's mail. I think they would not approve of such irregular methods, especially as long as sitting hens were, so to speak, in every nest on the place. I have set hens, with hope and faith, and eggs, and had them joyfully leave me in the lurch any day, from the first to the 21st. I have seen them grow pale and thin on the job, until, from sheer pity, I have yanked them off the nest and sent them shrieking on their way.

With slight variations, I might say the same of the half dozen kinds of incubators I have used. Therefore, generally speaking, I believe one profits by buying day-old chickens.

Equipment and experience enable a reliable hatchery to produce better results than the average person does individually, and do it more economically. One may buy the breed desired without the hazard of losing high priced eggs. The baby chicks are delivered on specified dates and one does not need to begin operations three weeks beforehand.

The proper shipping cases bring the little things to their destination with practically no losses. Having tried both ways, I believe that day-old chicks are the solution of the hatching problem for most of us.

Alice W. Willis.

Kirwin, Kan.

Success With Incubators

I have been raising poultry for eight years and I find that an incubator and coal burning brooder stoves are better for raising baby chicks than hens. Some of the reasons are as follows: First, when you want to set eggs under hens, none of the hens want to sit; second, if you set a hen and let her raise a brood of chicks, you lose her egg production for six months or more; third, it takes 10 hens to cover as many eggs as a 150-egg incubator will handle and I find the incubator saves time, labor, and hatches a larger percentage of chicks than the 10 hens. By the time the 10 hens each break a few eggs and some of them decide to leave the nest, and you have to fight lice and mites for three weeks, it is some job; fourth, you can hatch earlier with an incubator and the early pullets are the ones that make the profit. I have tried hens, coal oil brooders and coal

(Continued on Page 21)

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Henry Field

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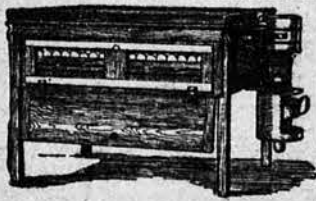
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The Hen Or the Incubator?

Kansas Has 75 Hatcheries That Have an Output of About 5 Million Chicks a Year

BY HENRY M. HARRISON



THERE used to be a mooted question: Which came first, the hen or the egg? Today there is no question about it—the egg comes first. The hen is rapidly being Ford-ized. She is being standardized to produce eggs and her maternal qualifications are of little consequence. The incubator has taken over that portion of her work.

Thousands of farmers now use incubators, but in recent years there has been a new development in the incubator field. The incubators have grown in size until there are now incubators which hatch thousands of eggs at a time.

Baby Chick Industry Grows

The baby chick industry has swept from the East to the West until in Kansas today there are approximately 75 commercial hatcheries with an estimated output of 5 million chicks for the season of 1924. This means that about half a million eggs will be set each week.

Parcel post has had much to do with the baby chick industry, inasmuch as the chicks can be quickly and cheaply sent by parcel post. As soon as they are taken from the incubator they are boxed and shipped, and as they require no feed or water for 72 hours, they can be shipped quite long distances.

Very few hatcheries are able to produce all the eggs which they hatch, but some of them have their own flocks of high-grade standardbred birds; and they are also very active in building up other high grade flocks in their communities in order to have a reliable egg supply. They not only sell their own cockerels to the other breeders, but in many cases they import cockerels and sometimes sell them at less than cost to breeders from whom they have contracted to purchase eggs.

Ordinarily every flock from which they purchase is personally inspected

and culled by the hatchery operative, who is a thoroly experienced poultryman.

Most hatcheries guarantee live delivery and the percentage of chicks lost in transit is small. One hatchery which shipped 100,000 chicks last year said that only 30 were reported dead in transit. However, the buyer must not expect to raise all of the chicks which he receives. After they are in his hands it is up to him to raise them, and quite often the person who buys baby chicks for the first time will be somewhat disappointed due to the loss sustained. However, a little experience soon enables one to raise a very large percentage of the chicks received. It is therefore advisable that the person buying baby chicks for the first time does not plunge too heavily.

Begin in a Small Way

The operation of a hatchery is a business in itself and most of the successful hatcheries have started in a small way with a few small incubators and have gradually increased their capacity, and also thru experience have learned to operate their hatcheries and market their chicks successfully.

Kansas and Colorado have an abundance of excellent standardbred flocks and there is no reason why the hatchery business should not be successful in these states. They are able to deliver their chicks to the customer in about 24 hours.

An association of Kansas accredited hatcheries now is being organized and probably will be in full operation by the next season. The aim of the organization is to standardize flocks and business methods and also to advertise more extensively the Kansas hatcheries. The last is a feature which is needed as the baby chick business heretofore has largely been thought of as an Eastern states proposition in its final analysis.

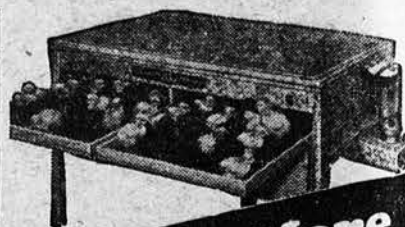
Some Popular Breeds of Geese

BY JOHN W. WILKINSON

CENSUS returns show that there were 4,431,980 geese in the United States in 1910, while in 1920 there were only 2,939,203, a decrease of 1,492,777 fowls. On Kansas farms in 1910 there were 95,222, while in 1920 there were only 69,571, a decrease of 25,651 fowls. However, there is no good reason why more farmers should not give geese a place in their poultry flock.

According to Prof. W. A. Lippincott, the Toulouse and Embden geese are by far the most popular breeds for farm raising. The Toulouse, which is gray in color, is the larger of the two, the young gander weighing 20 pounds and the young goose 16 pounds. The adult gander weighs 26 pounds and the adult goose 20 pounds. The Embdens are white geese weighing 18 and 16 pounds for the young gander and goose respectively while the adult male and female weigh 20 and 18 pounds, if up to standard weight.

Except in the most extreme weather no shelter is absolutely necessary for geese. When some protection is required usually a shed intended primarily for some other purpose will be available. Geese should not be used for breeding purposes until they are coming 2 years old tho the ganders may be used the first season and for several seasons thereafter. For best results not more than two geese should be mated to one gander. While goose eggs may be artificially hatched and brooded, it is usually found more satisfactory to hatch them under hens. Hens used for hatching eggs should be carefully dusted with sodium fluoride and given good care during the hatching period as this lasts from 28 to 30 days.



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Investigate before you buy. Incubator made of Redwood covered with galvanized iron. Double walls with air space between. Every joint lapped with galvanized iron. Strongest and most durable incubator that can be made. Deep egg nursery, self regulated. Hot water heat. Copper Tanks. Both incubators and brooders.

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East of Rockies

Money Back IF NOT SATISFIED

140 Egg Incubator with Brooder \$19.75
230 Egg Incubator alone 23.50
260 Egg Incubator with Brooder 32.90

You can use the machine for 30 days and if not satisfied we will refund your money and pay return freight charges. Both machines shipped complete with all fixtures. Set up ready to use. Write for catalog or order direct from this advertisement.

IRONCLAD INCUBATOR CO. Box 83 Racine, Wis.

The Farm Flock for Profit

(Continued from Page 19)

turning brooders and I find the coal burning brooder is the best.

In raising chicks with hens, I had to fight lice, rats, rain, cold, damp weather and many other things. I had to make special feeders to keep the hens from eating all of the feed. I had to make a pen to keep the hens confined or run the risk of their taking the chicks too far from home and losing them or having them destroyed by skunks or other animals. I find it takes around 20 hens to take care of what one 1,000 brooder will handle. To care for 500 chicks with a brooder stove, you need one brooder house 10 by 12 feet, one 1,000 brooder stove and enough fence and posts to make a small yard for the chicks to range over and exercise in. By having the chicks in one house by themselves, you can feed them better and save much waste. You do not have as much trouble with lice and do not have to worry about rains coming up and drowning half of them. Another good thing about the brooder is, you can have a nice bunch of chicks come off early, when the weather is cold and have them ready for market about the time it is safe to set eggs and brood chicks with hens.

Hiawatha, Kan. L. A. Moore.

Money in Raising Turkeys

When we first moved on the farm, I was very anxious to try my luck in raising turkeys. I had heard so much about how hard it was to raise them that I did not want to invest much money in buying eggs. I bought 12 purebred Mammoth Bronze turkey eggs for \$5, about the first of April. On May 1, I took 12 fine, strong poults off the nest and, having no turkey hen for a mother, I gave them to a big Buff Orpington hen. She raised four turkeys and all of them were hens.

In the fall, one of the hens was killed but still I would not give up and was convinced that there was money in turkeys if I could get a start. I bought a fine tom for \$4.50 and had my stock ready for the next year.

The hens began laying in March, and from them I had 62 eggs to set. I set one turkey hen so I could have her act as mother for all the poults. I hatched out about 50 poults. These I divided with the turkey and two chicken hens. The turkey roamed with the hens and raised a big share of them but I didn't have such good luck with those following the chicken hens as I had to feed them.

The other two turkey hens laid a second litter of eggs. I let them hatch out their own eggs. They did very well with them. In the fall, when we got all our turkeys to come to roost, we had a fine flock of

45. I lost a few after I began feeding them.

I advertised my turkeys for sale as follows: Toms, \$7 and hens, \$5. I began to receive orders right away. From turkeys I sold for stock, I received \$96 and had 14 turkeys left to put on Thanksgiving market. These I sold for \$34.70, making a total of \$130.70 for my summer's work, besides I had my own stock of four hens and a tom for the coming year. I figure them a clear profit, for if you feed them, you nearly always will feed too much. They do better by making their own way, for they live, for the most part, on insects. Turkeys are a good sideline in the poultry business for the farm woman. I could not live without my turkeys now.

Emporia, Kan. Mrs. Ivo Lewis.

Ducks and Dollars

Having raised several breeds of poultry, I found duck raising very profitable as a sideline. They are easily raised and are not subject to disease as other poultry, nor are they troubled with mites, and are easily handled.

Last year I started with four ducks and one drake. These were purebred Muscovys, known as a very prolific and hardy breed of ducks. The ducks began to lay by February. The first month's laying I used for table use, until freezing weather ended. After that I reserved the eggs, about 60 in number, and sold them at 20 cents apiece. By this time the ducks became broody, then I broke in the broody ducks for their second laying, by confining them to a small inclosure. About three weeks later, they began laying again, and continued laying until they had laid 60 eggs, then they again became broody. I placed these eggs under the four ducks, each receiving 15 eggs for hatching.

After five weeks, as it requires this period of incubation for Muscovy eggs, the hatch came off with 53 ducklings. They were a lively little bunch. After the first week, during warm and dry weather, I permitted them to roam at large, and found them to be great insect destroyers, and with proper care, these ducklings grew rapidly. From this hatch, I raised 49 ducks to maturity. My sales for ducks and eggs during the year amounted to \$110.

By advertising, I was able to dispose of all my young stock at \$2 each, retaining my old stock for this year.

Two years ago I crossed the Muscovys with Pekins. The young from this cross were extremely hardy, growing to a larger size than either parent, therefore being a splendid market duck.

The first cross is all that can be accomplished, as it is claimed that the eggs of the second cross will not hatch.

My sales from the first cross, sold at market price, did not quite equal that of the purebreds, therefore I have decided to keep only the purebreds.

Thus, my experience in duck raising has been very profitable.

Ella Giltzke.

Tonganoxie, Kan.

Raising Ducks on the Farm

I raise White Pekin ducks and your paper has given me the chance to tell my experience. Likewise, I will be pleased to read about experiences of other persons in raising ducks.

We hatched, from six layers, 156 ducklings. We sold some eggs and used quite a number of eggs for cooking purposes. We sold 132 ducklings when they were 8 and 10 weeks old, weighing 4 and 4½ pounds each, that brought us \$108. We kept seven ducklings to add to our layers for this year.

I fed them a balanced ration costing \$2.20 a hundredweight, and I mixed the feed myself.

Ducklings are very easy to raise without a mother. As they do not pile up, they are no trouble at night. Cost of equipment is not nearly so much as that for chickens. That is, the same amount of money spent for equipment for duckling raising, will bring better results from common market. We think enough of the business that we are going to expand a little more this year.

T. M. Newlin.

Rocky Ford, Colo.

Those who wait for gratitude do not get many good deeds done.



Because it gives hens just the feed elements they must have to produce eggs—and in proportions so nicely balanced that all is used by the hen and none wasted—Southard's **HEN CACKLE Egg Mash** makes hens lay well in cold weather when prices are high.

Keep **HEN CACKLE Egg Mash** before hens at all times. In cold weather feed two parts of it to one of grain. In warm weather feed more Mash and less grain.

We Money Back It.



Do Not Accept a Substitute

50 and 100 Lb. Bags

HEN CACKLE Egg Mash is a finely ground, dry mash of choicest egg-making, vigor building, health maintaining ingredients only. Easily digested—no waste. Always pure, clean and dependable. Used and recommended by leading poultrymen.

Send for FREE Poultry Book

80 pages, 50 pictures. Thos. Southard Co., Kansas City, Kansas.

For Sale By Leading Feed Dealers

If your dealer does not handle, write us and we will see that you are supplied by a nearby dealer.

SOUTHARD FEED & MILLING CO. DEPT. E, KANSAS CITY, KAN.

Winter Laying Leghorns

Bred to "Shell Out" (EGGS IN WINTER) and do it. 600 pullets laid for us in Nov., Dec. and Jan., 22,660 eggs. J. L. Safeblade, Ill., reports 240 eggs from 12 pullets in Dec. Mrs. K. McEndorffer, of Denver, sold \$2.10 worth of eggs from 325 pullets in a year. Fred Ahrens, Colo., says my best pen of 120 pullets laid as high as 97 eggs one day in Dec. Some laying, never had as good results in 12 years. If you want the above WONDERFUL RESULTS which are CERTAIN start right with FRANTZ'S WINTER EGG STRAIN. Baby Chicks—Guaranteed Fertile Eggs. Write

Oscar C. Frantz, Box 2, Rocky Ford, Colo.

Peerless 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; Barron 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.

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CHAMPION CHICKS

Trapshot White Leghorn Matings. Records up to 298 eggs. Chicks \$20 per 100 up. One PURE TANGRED MATING. PUREBRED STANDARD FREE RANGE FLOCKS. Rocks, Reds, Wyandottes, R. I. Whites, Orpingtons, Langhans, \$15 per 100. Buff, Brown, English White Leghorns, Anconas, \$13 per 100. Minoras, other breeds by arrangement. Honesty in advertising and dealing. Quality in stock. Catalog free.

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Look! Look! I will tell you how to keep your auto windshield clear during the heaviest rainstorm without the help of any electric or hand operated device. No machinery whatever. No fake, will not injure the windshield. 2c will do the trick for hours. Can be used on rear and side windows also. Full instructions for 25c. Roy Smith, 4432 South Mozart St., Chicago, Ill.

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Our 12½ Year

PURE BRED CHICKS

300,000 for 1923

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

Let the "SUCCESSFUL" RELIEVE YOU OF HATCHING WORRIES
Mail a postal—Get our offer. Poultry lessons free to every buyer. Booklet, "How to Raise 48 Out of 50 Chicks," sent free on request. Catalog FREE. Make green, egg-making feed! "SUCCESSFUL" Grain Sprouters.
Das Moines Incubator Co., 346 Second St., Des Moines, Iowa

Blackhead of Turkeys

We have a preventive and remedy for this disease. Hundreds of satisfied customers. Why let them die, when a few dollars will save them? Try our treatment and be convinced.
Price \$1.50 per box of 100 tablets.
DR. R. S. LONG, VETERINARIAN, Upham, N. Dak.

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HEALTHY CHICKS

Real quality chicks from high grade stock, carefully selected for heavy egg production, size, weight and color. 15 leading breeds. Strong, sturdy chicks. Postpaid. 100% live delivery guaranteed. 40,000 hatched each week insures prompt shipment, best quality, low prices. Special prices on large quantities and mixed breeds for broilers. Big illustrated catalog free. Smith Bros. Hatcheries, Box 64 Mexico, Mo.

Strong Healthy Chicks

Hatched in latest, most improved machine. All flocks standard bred—called for egg and meat production. Many in Iowa State College Record Flock Association. Quick shipment. Orders booked now. Many varieties. Reasonable prices. Postpaid. Live delivery guaranteed. Illustrated catalogue on request with price list. **C. C. C. HATCHERIES, INC.** Box 404 Centerville, Iowa

CHICKS

Vigorous, lively, standard bred, from 25,000 bred to lay hens. Postpaid, 100% arrival guaranteed. 15 leading breeds. Brown Leghorns, 50¢; Orpingtons, 60¢; 100, \$1.00; 500, \$7.00; White Wyandottes, 50¢; 100, \$1.00; 500, \$7.00; Black Minoras, 100¢; 100, \$1.00; Left overs, light breeds, 100¢; 100, \$1.00; Heavy breeds, 100¢; 100, \$1.00. Bank ref. Illustrated catalog free. **BUSH'S POULTRY FARMS**, Dept. K2, Clinton, Mo.

64BREDS Most Profitable chickens. Chicks, pure-bred northern raised. Fowls, eggs and incubators at low prices. America's great poultry farm. A. C. is 31 years. Valuable 100-page book and catalog free. **R. F. NEUBERT CO.**, Box 228 Mankato, Minn.

Poultry American Guide FREE. Tells all about chickens—care, feeding and raising for profit. Also describes IDEAL INCUBATORS, Hot Water and Electric IDEAL BLOODERS—Cool and Oil Burning—Baby Chicks—Eggs for Hatching. Special LOW PRICES. **J. W. MILLER CO.**, Box 62, Rockford, Ill.

BABY CHICKS. FREE book tells about STRAIN big, fluffy, high quality, peppy chicks from heavy tested egg producers. Extra Chicks Free. Live delivery guaranteed. Low prices on chicks, fowls, eggs, supplies. Write today. **NEWTON CHICK HATCHERY**, Box 105, Newton, Mass.

QUALITY Chicks & Eggs

48,000 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.

STANDARD BRED CHICKS from heavy laying, inspected flocks will make you money and please you. Rhode Island Reds, Plymouth Rocks, Leghorns, White Wyandottes, Buff Orpingtons, Anconas. Catalog free. It will save you money, write today. **BAKER'S HATCHERY**, Box 16, Adams, Mo.

CHICKS

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

THE TUDOR HATCHERY

15th Season—Quality and Service Strong Healthy Chicks—Purebred White & Barred Rocks, Reds, Wyandottes, Anconas, Orpingtons, Leghorns—bred and tested for Egg Production. 100% Live Delivery Prepaid. Low Prices. Catalog Free. **The Tudor Hatchery**, Dept. M, Topeka, Ka.

CHICKS

PURE BRED BIG HUSKY fellows from High Grade Bred to Lay farm range flocks White and Brown Leghorns 12c—Barred Rocks single and rose comb. 14c. Buff Rocks, Light Brahmas, Silver Laced Wyandottes 15c postpaid. White Rocks (state certified Grade A.) **McMasters Hatchery**, Osgood, Mo.

Guaranteed to Live!

BABY CHICKS guaranteed to live. From selected alfalfa range raised flocks. Write for prices and mention the breed you are interested in. **Master Breeders' Hatchery**, Cherryvale, Kan.

HARDY OZARK CHICKS

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

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Slightly used U.S. Gov't. All Leather Harness purchased for spot cash in enormous lots enables us to smash all prices and give you the saving. Double Ample Harness with NEW BRIDLES, for \$32.50. 50,000 SATISFIED FARMER CUSTOMERS. **FREE** Bargain Book. Write today. **U. S. FARMER SALES CO.** 731 N. 9th St., Salina, Kans.

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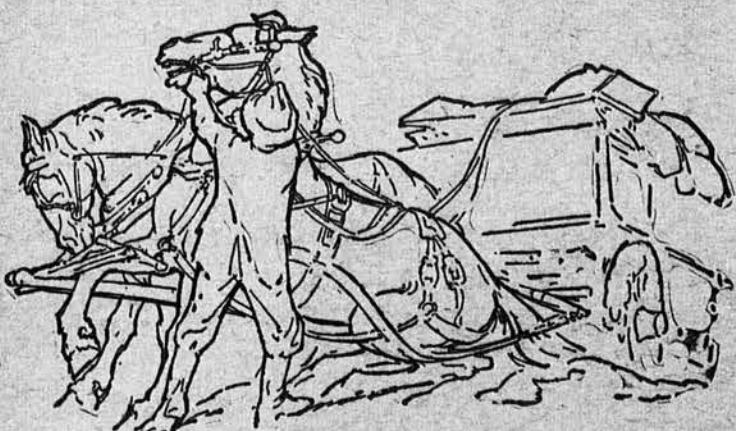
Before churning add one-half teaspoonful to each gallon of cream and out of your churn comes butter of Golden June shade. "Dandelion Butter Color" is purely vegetable, harmless, and meets all State and National food laws. Used for 50 years by all large creameries. Doesn't color buttermilk. Absolutely tasteless. Large bottles cost only 35 cents at drug or grocery stores. **Wells & Richardson Co.**, Burlington, Vt.

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Portable Brooder Coops. Sliding doors. Best Workmanship. 24x12x17. Galvanized Steel. Shipped knocked down direct from factory. **H. CRAMER & SONS, GARNETT, KANSAS.** Mfg. of all kinds of Poultry Coops

SEEDS WANTED

Field Seeds. We buy all kinds. **Ed F. Mangelsdorf & Bros.** 20 Victor St., St. Louis, Mo.



Did you ever break a hame?

Undoubtedly you have suffered the annoyance of a break in some part of the harness—but have you ever broken a hame? If so, you know what real trouble is; for a hame, unlike other parts of the harness, is not easy to mend. That is why it *should be over-strong*.

Our hames, which are of the best material and workmanship, are scientifically constructed to pull many hundred pounds of over load. That is why we truthfully say that **USHCO hames are over-strong**. Be sure your new harness is equipped with them.

Our guarantee is back of every pair.

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THE WORLD'S LARGEST MANUFACTURERS OF HAMES AND SADDLERY HARDWARE

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It's Better

**DOESN'T PEEL—
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You have often wished that someday, someone would invent a new process for rust-proofing fence wire which would be a success. At last your hopes have been realized. We have it in our new rust-proofing process "Galvannealing" which makes fence wire last 2 or 3 times longer in any standard test. You will be interested in reading about this new rust-proofing process—it will save farmers thousands of dollars. Our new

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catalog tells all about "Galvannealing." It describes the heat-treating process—it shows how the extra coat of zinc is put on the wire and then amalgamated right into the body of the wire—becomes a part of it, thus it cannot flake or peel off. This FREE Fence Book not only describes this new rust-proof fence, but it also pictures and describes the regular line of Square Deal Fence in all sizes and styles. Write today for your copy and also get a

Ropp's Calculator FREE

The handiest book ever used on a farm. Gives you the answers to any farm questions or problem in a jiffy without figuring. A wonderful, quick calculator (worth 50c). Both books FREE to land owners. Write today.

KEYSTONE STEEL & WIRE CO.
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Chicken Crop Shows Gains

Surplus Poultry and Eggs Sold by Kansas Farmers Last Year Brought About \$20,771,285

BY JOHN W. WILKINSON

COLD weather prevailed thruout last week and thru practically all of the present week in Kansas, but the opinion is general among farmers that winter wheat has not been hurt by the low temperatures, even in localities where there was any lack of snow covering during part of the time when the weather was at its worst. Livestock has suffered to some extent on account of the inclemency of the weather, but so far very few losses have been reported.

Cold Weather a Blessing

Farmers as a rule are disposed to regard the cold weather as a blessing rather than a detriment. For one thing, it will enable them to put up a good supply of ice for the first time in five years. The ground has been frozen to a greater depth than has been noted at any time within the last six years and it is thought that danger from insect pests next spring has been considerably reduced on account of the low temperatures that prevailed. The freezing also improves the physical condition of the soil and that will insure larger crop yields next summer.

Fortunately, most of the urgent farm work was completed before the arrival of cold weather so that farmers now can stop and take stock of their surroundings and check up on the results of their operations for last year. Most of them are planning to readjust their plans considerably for the present year in order to meet the changed conditions that now confront them. Most of them are giving more attention to the idea of diversified farming and diversified cropping. The favorable showing made in dairying and poultry raising in 1923 will no doubt cause many farmers to include these profitable sidelines in any program of activities that may be determined upon for the present year.

Hens Increase State Wealth

The surplus products of the Kansas cow and hen together amounted approximately to 50 million dollars for 1923. The surplus poultry and eggs sold last year from Kansas farms amounted to \$20,771,285. Six of the best poultry counties, Dickinson, Jewell, McPherson, Nemaha, Reno, and Washington, produced more than \$400,000 worth of surplus products apiece in 1923. Washington county leads with \$481,638 worth of poultry products marketed in the last 12 months.

Reports show that 1923 was a record year in production for the American poultryman. The output was the greatest in history. Egg production increased 4 per cent. Receipts of dressed poultry jumped 22 per cent over that of 1922, making the increase over a four-year period approximately 65 per cent, according to the Sears-Roebuck Agricultural Foundation.

The poultryman made money from his flocks, but not as much as three years ago. The continued increase in production caused a gradual decrease in profits. For three years prices gradually have been working lower. This year they are about stationary. Egg prices managed to keep at a 2-cent level above the prices of 1922, but prices for chickens dropped slightly. On the first day of each of the

first 11 months of 1923, chickens averaged 19 cents a pound as compared with 19.2 cents a pound on those days in 1922, and 20.6 cents the year previous.

Consumption and Production

Up to date, consumption has kept pace with production. In 1919 there was an average production of 15.6 dozens per capita. In 1923 the average was 18.7 dozens. From 1899 up to 1909 production averaged around 17 dozens per capita, which goes to show that in reality the poultryman is not overproducing. But the business has reached a point where further expansion, except in proportion to the increasing population, will be unprofitable.

However one looks at the poultry figures, the fact remains that for every dollar invested, the hen is about the greatest money-maker among all farm animals. Profits are sliding off but there still is a wide margin of profit for the farmer whose hens average 100 or more eggs a year. The average hen lays 72.

Kansas Conditions by Counties

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.

Anderson—Our mild weather was brought to an abrupt change on January 4 by the temperature dropping several points below zero, some thermometers registering as low as 20 degrees below. We had no snow in this part of the county and it was rather hard on the wheat. Corn is all in the crib and most of the kafir headed. Farmers are busy butchering and cutting their winter supply of wood. The Farmers' Union is organizing many locals in this county, with a large membership. They are also shipping in coal, flour and feed at a reduced price. —J. M. Brubaker.

Dickinson—The weather is extremely cold and has been so for some time. It is hard on livestock of all kinds. Butchering is nearly finished. Some wood is being cut. Wheat seems to be holding its own as far as has been covered with snow most of the time. Public sales have started. Everything sells well except horses. —F. M. Larson.

Doniphan—We are having real winter weather now. The ground is covered with snow. All farmers are filling icehouses. Some farmers are getting their wood for the coming year. There are a few public sales being held and things are selling for a fair price. Milk cows sell from \$35 to \$90. Rural market report: Corn, 60c; oats, 45c; eggs, 32c; cream, 50c; hens, 17c; springs, 14c; hogs, 7c. —B. B. Ellis.

Douglas—Light snow flurries with variable lower temperatures have been prevalent in this county. Livestock is in splendid order considering the weather conditions. Feeding is in progress. Rural market report: Butter, 45c to 48c; eggs, 33c; wheat, 98c; corn, 75c. —Charles Grant.

Elk—The first week of the new year was the coldest of the season and was down to zero, and as low as 10 degrees below zero. The good freeze was a great benefit to the soil. Wheat is in splendid condition. There is practically no pasture because the wheat was sown late. Livestock is looking well. Public sales are few. Fat hogs are scarce. —D. W. Lockhart.

Elk—Cool and dry weather has prevailed since the first of the year. On January 1 we had 1/2 inch of snow. Stock is wintering nicely. Public sales are not frequent. —D. W. Lockhart.

Gove and Sheridan—1924 started with real zero winter weather and 2 inches of light snow. Ice harvesting has begun. Corn husking, shelling and threshing are delayed. There is plenty of feed, but the weather is hard on stock, especially the running on wheat and barley pasture. Large amount of grain is going to market. Hens are starting to lay. Rural market report: Eggs, 32c; hens, 16c; broilers, 22c; fliers, 18c. —John L. Aldrich.

Johnson—Feed has been damaged by the wet weather. We have but little livestock in the county, except dairy cows. (Continued on Page 23)

CHEYENNE	RAWLINS	DECATUR	NORTON	PHILLIPS	SMITH	JEWELL	REPUBLIC	WAGONER	MARSHALL	NEVADA	ROCKWELL	POWELL
\$60,405	\$61,030	\$126,077	\$165,080	\$238,750	\$330,007	\$495,574	\$739,109	\$401,030	\$392,275	\$443,010	\$289,101	\$159,502
SHERMAN	THOMAS	SHERMAN	GRAHAM	ROOKS	OSBORNE	NICHOLS	CLOUD	CLAY	COMANCHE	JACKSON	MCINTOSH	MCINTOSH
\$51,925	\$40,325	\$90,354	\$119,334	\$199,850	\$247,279	\$69,903	\$205,028	\$205,028	\$205,028	\$205,028	\$205,028	\$205,028
WALLACE	LOGAN	GOVE	TREGO	ELLIS	RUSSELL	ELLSWORTH	ELLSWORTH	ELLSWORTH	ELLSWORTH	ELLSWORTH	ELLSWORTH	ELLSWORTH
\$23,449	\$48,077	\$70,049	\$96,733	\$103,017	\$108,008	\$129,750	\$129,750	\$129,750	\$129,750	\$129,750	\$129,750	\$129,750
GRIZLEY	WORTH	SCOTT	LANE	NESS	RUSH	BARTON	CLAY	CLAY	CLAY	CLAY	CLAY	CLAY
\$10,039	\$28,050	\$31,007	\$40,000	\$139,307	\$145,308	\$107,397	\$107,397	\$107,397	\$107,397	\$107,397	\$107,397	\$107,397
WILSON	KEARNEY	FINNEY	HORNEMAN	PAWNEE	STAFFORD	RENO	RENO	RENO	RENO	RENO	RENO	RENO
\$24,030	\$30,376	\$53,033	\$60,030	\$133,006	\$133,006	\$130,000	\$130,000	\$130,000	\$130,000	\$130,000	\$130,000	\$130,000
STANTON	GRANT	WASKIE	GRAY	FORD	FOKMA	WINGMAN	WINGMAN	WINGMAN	WINGMAN	WINGMAN	WINGMAN	WINGMAN
\$9,001	\$16,007	\$20,000	\$154,000	\$154,000	\$154,000	\$154,000	\$154,000	\$154,000	\$154,000	\$154,000	\$154,000	\$154,000
NORTON	STEELE	SEWARD	NEADE	CLARK	COMANCHE	BARBER	HARPER	SUMNER	COWLEY	COWLEY	COWLEY	COWLEY
\$15,787	\$23,007	\$23,013	\$28,000	\$28,000	\$28,000	\$28,000	\$28,000	\$28,000	\$28,000	\$28,000	\$28,000	\$28,000

Chart Showing the Values of the Surplus Poultry and Eggs Sold From Farms in Each County of Kansas for 1923 As Reported by County Assessors

Dairy Hints For Farmers

Young Calves Require Careful Handling and Should Not be Weaned Too Soon

BY J. H. FRANDSEN

DAIRYMEN disagree considerably as to the best time to wean calves from their dams. Many successful raisers of calves remove the calf immediately after the first nursing, and then feed by hand. Others equally successful think it best to permit the calf to run with its dam for three or four days; and still others do not permit the calf to nurse at all.

It is well-known that the longer the calf nurses its mother, the more difficult it is to teach it to drink. But if the calf is not fed for 24 hours after the time it was taken from the cow, it is usually so hungry that it will drink readily without the attendant keeping his fingers in its mouth longer than to start it. Very obstinate calves may, of course, require several lessons.

Heifers with their first calf sometimes have very hard udders. The putting given the udder by the calf will be nursing seems to aid materially in reducing the swelling, and it often is wise for this reason to permit the calf to run with its dam for a few days.

When the calf is removed immediately after birth, on the other hand, there is less fretting on the part of the cow. And, of course, if the dam is tuberculous, prompt removal of the calf insures its escape from infection.

Whichever method is followed, it is of utmost importance that the calf be given the first milk, or colostrum. This would not be done if the dam is tubercular, naturally. The first milk seems to contain medicinal properties essential to start the calf on a healthy growth. Experiments seem to indicate that calves that do not receive the colostrum rarely make as strong, healthy individuals as do calves that receive the milk Nature intended for them.

Concerning Lumpy Jaw

"I have a cow which has developed an enlargement under the lower jaw from the end back to the neck. Is this tuberculous, and what can I do about it?" writes Lewis Krack of Kit Carson, Colo.

Very likely your cow is suffering from the infectious disease known as actinomycosis or "lumpy jaw." This condition is caused by a fungus that gains access to the animal tissue and produces a tumor or lump filled with pus, or disintegrates the jaw-bone.

Preventive means are few, since the fungus is found on most pasture grasses and lodges in any cut or sore in the mouth of cattle. Of course, any animal showing symptoms of lumpy jaw should at once be separated from the rest of the herd.

The easiest treatment is a surgical operation, cutting away the lump, if possible. Even if the jaw-bone is affected, it is sometimes possible to cut away the diseased part. Painting the tumor with tincture of iodine, or injecting into it some of the tincture, will prove helpful.

Medical treatment often has proved successful. This consists of giving potassium iodide internally as a drench. The dose is from 1 dram to 3 drams of potassium iodide crystals given daily for a week or 10 days, or until symptoms of iodine poisoning appear—watering of the eyes, dripping of saliva from the mouth, or scurvy skin. Treatment is then omitted for a week, and then repeated for another week for 10 days. In some cases a third treatment is necessary. Better follow the suggestions of your local veterinarian.

Pumpkins for Dairy Cattle

"I have been told that allowing cows to eat pumpkin seeds will cause the milk flow to dry. Is there any truth in this statement? Also are sweet potatoes good feed for cows?" asks W. H. Boemler of Eureka, Mo.

Pumpkins are considered a very desirable feed for dairy cattle. The Vermont Experiment Station reports that 2½ tons of pumpkins, including seeds, are equal to 1 ton of corn for dairy cows. The belief that eating pumpkin seeds will cause the milk flow to dry up is entirely with-

out foundation. As a matter of fact, the seeds contain much nourishment. Many and the whole pumpkin—seeds and all—should be used more extensively as a dairy feed.

Sweet potatoes may be fed to dairy cows to a limited extent, not to exceed 33 pounds of the cooked tuber and less than that of the raw potatoes. Feeding potatoes of any sort tends to make the milk bitter, and butter churned from potato-fed cows' cream is rather salty. I would rather advise feeding your surplus sweet potatoes to your hogs, for whom they are very fine feed.

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.

Chicken Crop Shows Gain

(Continued from Page 22)

January 1 the weather has been very cold, the mercury often dropping to zero and below. Light snows and rains have been frequent. Farmers are busy getting up supplies of wood and home cured meat. Land is not changing hands much in this part of the country. Auction sales are held frequently, at which fair prices prevail. Rural market report: Eggs, 34c; butter, 40c; cream, 20c; corn, 65c; wheat, 90c; hens, 18c.—B. B. Whitlow.

Labette—Six inches of snow fell here recently. The ground has been frozen deeper and longer than for many years. Rural market report: Wheat, \$1; corn, 76c; oats, 52c; potatoes, \$1; eggs, 45c; bran, \$1.50; shorts, \$1.75.—J. N. McLane.

Lyon—Farmers' Union meetings were held this week. Zero weather is hard on the livestock. Roads are in excellent condition. There is plenty of feed for livestock. Early sown wheat is doing well. Rural market report: Wheat, 95c; corn, 70c; kafir, 65c; eggs, 32c; butter, 40c.—E. R. Griffith.

Neosho and Wilson—We are having extremely cold weather. The ground is frozen to a depth of 1 foot. Livestock is in splendid condition. Our corn is husked and kafir is threshed. There is plenty of feed for livestock. There is some baled hay for sale. There are many public sales. Rural market report: Eggs, 32c; wheat, 90c; flour, \$1.50 to \$1.90; corn, 70c; oats, 60c; kafir, 60c; baled hay, \$10 and \$11 a ton.—Adolph Anderson.

Phillips—January came in with extremely cold weather. Very little corn remains to be husked, due to the open winter, but very little roughness has been fed to stock. Mule buyers are active, picking up stock for the spring trade, and paying fair prices. Rural market report: Hogs, \$8.40; corn, 60c; barley, 50c; wheat, 97c; eggs, 32c; butter, 45c; cream, 50c.—W. L. Churchill.

Rush—The weather man has been giving us real winter lately. Between 3 and 4 inches of snow fell and drifted a great deal in the east and west roads. Livestock seems to be in splendid condition. Very few public sales are being held. Rural market report: Wheat, 93c; corn, 65c; kafir, 60c; butterfat, 47c; eggs, 28c.—R. G. Mills.

Trego—The weather here is very cold. The ground is frozen 3 or 4 inches deep. Some farmers have put up ice which was 8 to 10 inches thick. Livestock is in excellent condition. Some cattle died from eating cornstalks. Corn husking is not over yet. Some sheeling is done. Rural market report: Corn, 50 to 56c; barley, 40c; wheat, 90c; eggs, 30c.—C. C. Cross.

Wabaunsee—Our real winter weather began New Year's day with the mercury ranging as low as 18 below zero, and snow flurries every other day. A large acreage of wheat has been killed out by the fly. However, some of the wheat looks very promising. Rural market report: Wheat, 94c; corn, 70c; eggs, 32c.—G. W. Hartner.

Colorado Crop Report

Mesa—We are enjoying fine winter weather. Public sales are held frequently. Rural market report: Eggs, 40c; hogs, 7c; potatoes, \$1.25.—George Rand.

Truth may sometimes be very bitter, but it is never poisonous as falsehood is.



A penny a day

is the average cost per cow for the use of Kow-Kare as a preventive of disease and aid to big milk yield.

Nearly Every Cow Can be made a Big Milker

Cow owners have learned that no effort on the farm pays so handsomely as the drive for more milk. Over 90% of the so-called poor milkers are capable of much better results than is obtained from them. An improved health standard is a sure booster of milk profits.

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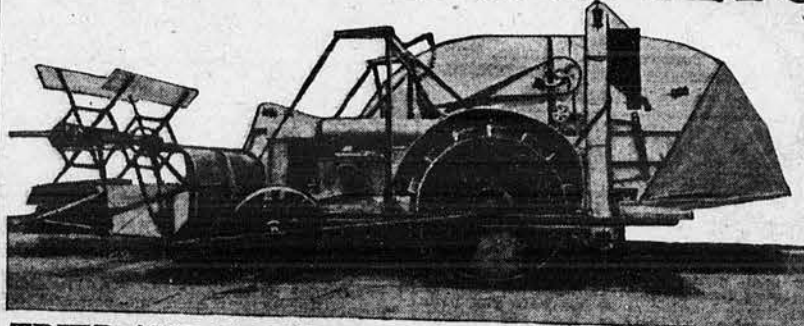
Here are just a few extracts from letters such as we receive in every mail from cow owners:

Wm. E. Starkey, Austin, Ind.: "I have found KOW-KARE is the best medicine for milch cows that there is. I found that it always paid to feed it whenever my cows went down on the quantity of milk they were giving. I have cured several cows that were down and could not get up."

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Joseph Stott, Norwich, Conn.: "I find that by giving a few doses of KOW-KARE it will keep cows in a healthy state, and the result will be more milk—just what we want."

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

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SEED CORN, KANOTA OATS, LAPDAD 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 QUANTITY. 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.

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

GOOD FARM DOGS. CROSS BETWEEN an Alredale matron (pure bred) and Collie. Sire. Just weaned. Buy now and train for your purpose. Males ten dollars. Females five dollars. Wm. Lockner, Kincaid, Kan.

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TAKEN UP AT MY FARM SEVEN MILES east and one mile south of Garnett, Kansas, one red steer, weight about 750 pounds, about 2 years old. No special marks or brands. Charles Slagle, Garnett, Kan.

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BLUE ANDALUSIAN EGGS, CERTIFIED stock, \$1.50-15; \$3-100. Chas. C. Miller, White City, Kan.

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IVORY STRAIN WHITE ROCK COCKERELS. J. D. Fair, Sharon, Kan.

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

BARRED ROCK COCKERELS, \$1.50 EACH. Abe Dahl, Route 1, Colby, Kan.

BARRED ROCK COCKERELS, PARK STRAIN, \$2. Alice McBride, Brewster, Kan.

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

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

PURE BRED RINGLET BARRED ROCK COCKERELS, \$2.00 each. Oscar Chinn, Coats, Kan.

FOR SALE: PURE BRED WHITE ROCK COCKERELS. Mrs. Ed. Barkyoub, Olsburg, Kan.

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

BARRED ROCKS: 89 PREMIUMS, 37 firsts. Mattie A. Gillespie, Clay Center, Kan.

PURE BUFF ROCK COCKERELS, MARCH hatch, \$2 and \$3 each. John Hitz, Kingsdown, Kan.

PURE BRED QUERY STRAIN WHITE Rocks. Hogan tested. F. L. Hunt, Anthony, Kan.

PARTRIDGE ROCK COCKERELS, NOFTZGER strain, \$2.50 each. Clarence Hoffman, Preston, Kan.

BARRED ROCK COCKERELS, RINGLETs and Aristocrats. Mrs. Kaesler, Route 4, Junction City, Kan.

THOMPSON'S IMPERIAL RINGLET Barred Rock cockerels, \$2.50. Ed Edwards, Lyons, Kan.

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

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

BARRED PLYMOUTH ROCK COCKERELS and eggs. Choice matings. Reasonable prices. Gem Poultry Farm, Haven, Kan.

IMPERIAL RINGLET BARRED ROCK COCKERELS, bred from heavy winter layers, \$3 each. D. A. Harris, Great Bend, Kan.

BARRED ROCKS, COCKERELS, CHICKS, eggs. Chicago winners. Great layers. Catalog. J. A. Schneider, Box K, Le Roy, Minn.

THOMPSON BARRED ROCK COCKERELS weigh to 9 lbs. Single birds \$4, 6 for \$20. Henry Schlatter, 2114 Park Avenue, Topeka, Kan.

BARRED ROCKS, PARKS OVER 200 EGG strain. Cockerels \$3 to \$5 from pedigreed state certified flock. Mrs. F. Hargrave, Richmond, Kan.

PURE WHITE ROCK COCKERELS Owens strain \$1.50 to \$3.00 each. Eggs in season, \$1.00 for 15; \$4.00 per 100. Robt. Nyland, Scandia, Kan.

FOR SALE: WHITE PLYMOUTH ROCK COCKERELS; bred to win and lay; satisfaction guaranteed; write Brookside Poultry Farm, Hutchinson, Kan.

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

PURE BRED WHITE ROCK COCKERELS, full prepotent powers, 235 egg line, March hatch, satisfaction guaranteed, \$5 and \$10. Allen Mayhew, Belpre, Kan.

BARRED ROCKS, WINNERS ANNUALLY at State and National shows. Cockerels from heavy laying dams, \$5, \$8, \$10 each. Guaranteed. Hiram Patten, Hutchinson, Kan.

HINKLEY'S ARISTOCRAT BARRED ROCKS took 80 prizes the past season. Good cockerels \$3 to \$5 each. Eggs \$1, \$3 and \$5 per 15. Both matings. Dr. Hinkley, Barnard, Kan.

PURE BRED WHITE ROCK COCKERELS \$3 to \$5. Eggs, pen \$5-15; flock \$6-100. Blue ribbon winners at Anderson and Miami county fairs. Bred to lay, win and pay. F. V. Blanchard, Welda, Kan.

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.

Plymouth Rock—Eggs

RINGLET BARRED ROCK EGGS, \$5, 100. Mrs. Lynn Bailey, Lyndon, Kan.

BUFF ROCKS, CERTIFIED, EGGS, \$1.50-15, \$3.50-50, \$6-100. Olive Holmes, White City, Kan.

BUFF ROCK EGGS \$1 PER 15. BLUE ribbon winter layers. Mrs. T. W. Baker, Pratt, Kan.

PURE WHITE ROCK EGGS FROM culled flock, \$4 per 100. Irvin Kreutziger, Marion, Kan.

BUFF ROCK EGGS \$6 HUNDRED. CULLED flock, farm raised. Mrs. J. M. Hoover, Route 2, Lyons, Kan.

PARK'S 34 YEARS DIRECT TRAP-NEST breeding Barred Rock eggs for hatching. R. B. Snell, Colby, Kan.

BUFF ROCKS: TWENTY-SECOND YEAR. Eggs \$6 per hundred; \$3 per fifty. Mrs. Homer Davis, Walton, Kan.

WHITE ROCK EGGS, \$6, 100. WINNERS at Garnett and Paola shows. Sweepstakes for utility hen. E. A. Vancocoy, Mont Ida, Kan.

WHITE ROCKS EXCLUSIVELY. FARM raised. Heavy laying strain. Eggs \$6 per hundred. Mrs. Sam Lash, Route 3, Abilene, Kan.

WHITE ROCK EGGS 100-\$6. FEBRUARY. March chicks 15 cents, prepaid, live delivery. Mrs. Theodore Steffen, Broughton, Kan.

PURE BARRED ROCK EGGS, SELECTED, heavy winter layers. Fifteen, \$1.00; fifty, \$2.50; hundred, \$5.00. G. C. Drescher, Canton, Kan.

WHITE ROCK, STATE CERTIFIED CLASS A, 1922, 1923, 1924, \$8 per 100 farm flock; \$7 per 15 blue ribbon pen. Geo. Hebrank, Council Grove, Kan.

BLUE RIBBON WHITE ROCKS, STATE and tri-state winners. Heavy layers. Eggs, Pen \$3.50, fifty, \$5; hundred, \$10. Chicks twenty cents. Frank Applebaugh, Cherryvale, Kan.

RHODE ISLANDS

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

PURE BRED ROSE COMB RED COCKERELS. Lily Robb, Neal, Kan.

LARGE DARK SINGLE COMB RED COCKERELS, \$2. James Malachuk, Diliwyn, Kan.

OWEN'S S. C. REDS; DARK, UNIFORM. Cockerels, pullets, \$2 up. Sol Banbury, Pratt, Kan.

ROSE COMB REDS, BEAN STRAIN. Cockerels \$3 to \$5. W. A. Fish, Concordia, Kan.

ROSE COMB RHODE ISLAND WHITE COCKERELS \$2.25. Mrs. Lewis Bell, Route 1, Valley Falls, Kan.

ROSE COMB RHODE ISLAND REDS, \$3.00. egg strain. Baby chicks and eggs. Isaac Smith, Aiden, Kan.

LARGE DARK S. C. RED COCKERELS. Prize winning stock. \$2 to \$5. Mrs. Geo. Koontz, Haven, Kan.

PURE ROSE COMB RED COCKERELS, heavy boned from good layers, \$3, \$4, \$5. Earle Bryan, Emporia, Kan.

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

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

CHOICE EARLY SINGLE COMB RED COCKERELS and cocks, \$2.50, \$3.00. Mrs. Laura Henick, Route 5, Lawrence, Kan.

BEAUTIFUL DARK S. C. R. I. RED COCKERELS, test high in egg production, \$3.00 and \$5.00 each. B. N. Wells, Rice, Kan.

ROSE COMB RHODE ISLAND RED COCKERELS, good size, color and blood lines, \$2.00. Mrs. Henry Goetsch, Brewster, Kan.

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

HARRISON'S EXHIBITION EGG STRAINS. Either comb. Quality eggs, chicks and stock. Harrison Red Farms, College View, Neb.

RED COCKERELS, BOTH COMBS. World's grandest blood lines, pen matings free from shaftings. Henry Payton, Route A, Kinsley, Kan.

ROSE COMB RED COCKERELS FROM big boned, Hogan tested, heavy winter layers, \$3; chicks 15c. Mrs. Alex Leitch, Parkerville, Kan.

EGGS, SINGLE COMB RHODE ISLAND Reds. Lined for production, type and color. Dollar fifty per setting postpaid. J. W. Deeter, McPherson, Kan.

R. C. REDS, SIX LARGE HUSKY COCKERELS that are Red bred from Kansas State show winners. Prices \$3, \$5 and up. S. W. Wheeland, Holton, Kan.

1924 STATE RED MEET WE ENTERED 38 Reds, placed 27 best display. Reds, either comb, Rose Comb Whites. Stock, eggs. Cyr's Poultry Farm, Clyde, Kan.

R. C. R. I. RED COCKERELS, GOOD LAYING strain, \$3 and \$5; baby chicks 15 cents each; eggs per 15, pen 1, \$5; pen 2, \$3; range flock \$1; per hundred \$5. Mrs. Edith Courier, Wetmore, Kan.

TRAPNESTED STATE CERTIFIED, CLASS A, Rose Comb Reds. Bred for exhibition and heaviest egg production. Write for sales and mating lists on cockerels and eggs. Mrs. James Gammell, Council Grove, Kan.

ROSE COMB RHODE ISLAND WHITE Laying contest winners. First grade eggs fifteen cents each; second grade ten cents. Baby chicks after February twelfth, twenty and twenty-five cents. Leona Haviland, Wellington, Kan.

STANDARD BRED ROSE COMB REDS; from winners Kansas City, Topeka, Hutchinson, other shows. Large boned, dark red, from selected bred-to-lay strain. Cockerels \$3, \$5 up. Eggs \$15-\$25; \$50-\$55; 100-\$10. Postpaid. Satisfaction guaranteed. G. H. Lowder, Route 2, Waverly, Kan.

Rhode Island—Eggs

FREE RANGE C. R. I. REDS; HEAVIEST winter layers. Eggs \$5 per 100. Mrs. Reuben Trezise, Emmett, Kan.

TURKEYS

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

FINE BLACK TOMS \$10. GEO. GREEN, Farina, Illinois.

BRONZE TOMS, \$6.00 EACH. MRS. W. R. Mullin, Great Bend, Kan.

WHITE HOLLAND TOMS, \$8; HENS, \$5. Bertha Grander, Byers, 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.

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

LARGE HEALTHY BRONZE HENS, \$3.00 each. B. Hornbuckle, Burdett, Kan.

PURE BRED NARRAGANSETT TOMS \$9, hens \$6. Lydia Ector, Lamar, Colo.

PURE NARRAGANSETT TURKEYS, \$6 and \$8. John Cander, Greenleaf, Kan.

PURE BRED BRONZE TURKEY TOMS \$10. Mrs. A. N. Donovan, Olathe, Kan.

PURE MAMMOTH BRONZE TOMS, GOLDBANK strain. Roger Harrison, Riley, Kan.

MAMMOTH BRONZE YOUNG TOM TURKEYS. Mrs. Arthur Fenton, Bendena, Kan.

FINE PURE BRED BRONZE RED TOMS \$8. Hens, \$5. Frank Drake, Rozel, Kan.

LARGE WHITE HOLLAND TOMS, \$8; Hens, \$6. John Spriggs, Little River, Kan.

PURE BRED BRONZE REDS, TOMS seven, hens five. Mrs. Jessie Kellum, Lebo, Kan.

BRONZE RED TURKEY TOMS FOR sale. \$5 each. Eva McGinnis, Fall River, Kan.

PURE BRED WHITE HOLLAND TOMS, \$7; Hens \$5. Lloyd Williams, Mayfield, Kan.

MAMMOTH BRONZE TOMS, 22 to 30 LBS. \$6 and \$7. Mrs. Essie Loper, Oakley, Kan.

PURE BRONZE RED TOMS, \$7. NO culls. Mrs. Ernest Newell, Manhattan, Kan.

MAMMOTH BRONZE TOMS, 24 TO 28 lbs. \$10. Vaccinated. John Kearney, Belpre, Kan.

TURKEYS

BIG BOURBON RED TOMS \$8; WHITE China Geese \$3. Vivian Anderson, Oswego, Kan.

FINE, EARLY HATCHED NARRAGANSETT turkey toms. Mrs. Perry Myers, Fredonia, Kan.

VACCINATED MAMMOTH WHITE HOLLAND toms \$10; hens \$6. Lula Jones, Wetmore, Kan.

MAMMOTH BRONZE, PURE BRED, BIG boned TOMS, \$10. Mrs. Will O'Byrne, Piedmont, Kan.

EXTRA FINE BOURBON TOMS \$8, HENS \$5. Pure white tails. Sadie Struthers, Rozel, Kan.

WHITE HOLLANDS: HENS \$5, TOMS \$7. Two year Tom \$10. Henry Binard, Burlington, Kan.

MAMMOTH BRONZE, FIFTY POUND strain. Free circular. Laura Ullom, Lamar, Colo.

GUARANTEED, EITHER BOURBON RED or Bronze turkeys; \$4 to \$7. E. V. Eller, Dunlap, Kan.

WHITE HOLLAND HENS \$5, YOUNG toms \$6, yearling toms \$10. Geo. Church, Stratton, Colo.

FINE LARGE WHITE HOLLAND TOMS, \$7; Hens, \$5. Hurry. Mrs. George Lelew, Fortia, Kan.

WHITE HOLLAND TOMS; PINK THREE inch leg bone, 25-26 lbs., \$8. Clare House, Rush Center, Kan.

WELL MARKED BOURBON RED TOMS, \$7.00, weight 20 to 25 lbs. Mrs. F. B. Tonn, Haven, Kan.

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 TURKEYS, PARENT hens 25-26 pounds, sire 43 pounds. Elmer Harris, Sharon, Kan.

WHITE HOLLAND TURKEYS, VACCINATED. TOMS \$10, hens \$6. Alice Clinkenbeard, Wetmore, Kan.

200 PURE BRED BOURBON RED TURKEYS; TOMS, \$7 and \$8; Hens, \$4.50. M. E. Noonan, Greenleaf, 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.

EXTRA CHOICE BRONZE TOMS \$10, HENS \$6. Satisfaction guaranteed. George Briggs & Sons, Protection, Kan.

PURE MAMMOTH BRONZE TURKEYS, old hens, \$8.00 each; pullets, \$7.00 each. James McCormick, Blaine, 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.

EXTRA LARGE BRONZE TURKEYS from 45 lb. prize winner. Young 23 lb. toms \$10, hens \$8. Buford Wheeler, Orion, Kan.

PURE BRED MAMMOTH BRONZE GOLDBANKS: TOMS \$10; pullets \$7.50. Large, healthy stock. Annie Hoffman, Ulysses, Kan.

PURE MAMMOTH BRONZE GOLDBANK big boned, healthy. TOMS \$10, hens \$7.50. Prepaid in Kansas. Albert Phillips, Elkhart, Kan.

PURE BRED MAMMOTH BRONZE TURKEYS, Golbank strain. Prize winners sent on approval. Mrs. M. E. Kavanaugh, Belleville, Kan.

GOLDEN BRONZE TURKEYS, Sired by first prize cock Hutchinson State Fair 1922. TOMS \$12, hens \$8. Alfred Rogers, Lucas, Kan.

GENUINE GOLDBANKS, BEAUTIFULLY bronzed; heavy big boned toms \$15, \$17, \$20. Pullets \$8, \$10. Mrs. Iver Christensen, Jamestown, Kan.

MAMMOTH BRONZE TURKEYS, LARGE Golbank strain. Young or old. TOMS or hens. Healthy. Priced to sell. Fowler Bros, Route 3, Russell, Kan.

PURE BRED GOLDBANK MAMMOTH Bronze turkeys. TOMS \$10, pullets \$5. Sire blue ribbon winner. Effie Bachar, Route 3, Russell, Kan.

GOLDBANK MAMMOTH BRONZE TOMS. Sire 45 lbs., dam 24. Vaccinated, Hoganized, \$12, \$10. Prize winning. Mrs. Geo. Wharton, Agenda, 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 toms. Satisfaction guaranteed. T. C. Amos, Russellville, Mo.

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 BRONZE, GOLDBANK, healthy, large boned, well marked, young toms 27 to 30 lbs., \$13 to \$15; pullets \$5 to \$8, 40 lb. yearling, \$15. F. E. Hoffman, St. John, Kan.

WYANDOTTES

SILVER WYANDOTTE FEMALES. MRS. Edwin Shuff, Plevna, Kan.

BLACK'S WHITE WYANDOTTE FARM, Clay Center, Kan. Cockerels and hens.

SILVER LACED COCKERELS, \$2.50 UP. Winners. Eggs. Tresidder, Centralia, Kan.

WHITE WYANDOTTE COCKERELS \$3; \$4 \$11. Mrs. O. Richards, Beverly, Kan.

GOLDEN WYANDOTTE COCKERELS, Early hatch. M. M. Donges, Belleville, Kan.

WHITE WYANDOTTE COCKERELS \$2.00. Rose Comb. Edith Whitehead, Meriden, Kan.

WHITE WYANDOTTE COCKERELS, \$2.00, \$2.50, \$5.00. Guaranteed. Bachus, Abbyville, Kan.

GOOD WHITE WYANDOTTE COCKERELS \$2. Eggs \$6 hundred, David Keller, Chase, Kan.

WHITE WYANDOTTE COCKERELS, MARTIN Keelers direct, \$2.50. H. O. Collins, Fontana, Kan.

WYANDOTTES

KELLER STRAIN WHITE WYANDOTTE cockerels, \$1.75. Mrs. Jerry Melchior, Caldwell, Kan.

COLUMBIA WYANDOTTES, BABY CHICKS 15c. Also eggs. Mrs. A. B. MacLuskey, Burlington, Kan.

WHITE WYANDOTTE COCKERELS, TOM Barron heavy laying strain, August Olson, Russell, Kan.

SILVER LACED WYANDOTTES, WINNERS and layers. Eggs. Chicks. Fred Skalkocky, Wilson, Kan.

SILVER LACED WYANDOTTE COCKERELS, large, well marked. James W. Anderson, Lone Star, Kan.

CHOICE BUFF WYANDOTTE COCKERELS, Rose Comb, \$2.00 and up. John Ruppenthal, Russell, Kan.

WHITE WYANDOTTE COCKERELS, egg strain. Mammoth Pekin ducks. Mrs. A. J. Higgins, Effingham, Kan.

FOR SALE: PURE BRED SILVER WYANDOTTE cockerels, also eggs. Write for prices. Emma Hill Leroy, Kan.

BEAUTIFUL SILVER WYANDOTTE COCKERELS, \$2.50 to \$5. Pullets \$1.50. Mrs. Philip Schuppert, Arlington, Kan.

MY WHITE WYANDOTTES WON AT Effingham, Holton, Hiawatha, Choice cockerels. Zenas Rupert, Cummings, Kan.

WHITE WYANDOTTES—REGAL DORCAS Cockerels \$2.00 to \$5.00. Eggs \$2.00 per 15. C. C. Abercrombie, Barnard, Kan.

PURE BRED KELLER STRAIN WHITE Wyandotte cockerels, \$2.50 and \$3 each. Pullets. Sadie Springer, Manhattan, Kan.

GOLDEN WYANDOTTES, ST. LOUIS AND Topeka winners. Cockerels \$2, \$3, \$5; eggs chicks; circular. W. Shelley, McPherson, Kan.

STATE CERTIFIED WHITE WYANDOTTE cockerels, Martin-Keeler and Keeler laying strains, \$2 to \$4. Miss Elzoe R. Hewitt, Wellsville, Kan.

WHITE WYANDOTTE COCKERELS, sired by prize winning Martin's stock direct. February hatched, \$3 and \$5. B. Carney, Marion, Kan.

REGAL DORCAS, WHITE WYANDOTTE cockerels and cocks. Show quality. Satisfaction guaranteed. \$2.50 and \$5. Mrs. A. Waterman, Peabody, Kan.

WHITE WYANDOTTE HENS, GOOD type, record layers. Martin strain, \$2 each, \$28 dozen. Order early. Garland Johnson, Mound City, Kan.

GOLDEN WYANDOTTE EGGS FROM WINNERS State and Madison Square Garden shows. Setting, \$2.50; two, \$4.00. Excellent layers. G. S. Randle, 3012 East Douglas, Wichita, Kan.

TWELVE REGAL DORCAS COCKERELS from stock direct from Martin, \$10 and \$15 per setting. Pens at \$2.00 to \$4.00 each. Six best for \$18.00. John Heinrichsmeyer, Columbus, Kan.

JAY HAWK POULTRY FARM, CASSIDADA, Kansas, offers for sale their Partridge Wyandotte exhibition cockerels at \$3 each; baby chicks 20c; eggs \$2.00 per 15. Harrison S. C. Reds and Martin White Wyandottes; chicks 20c; eggs \$2.00 per 15. W. Young S. C. White Leghorns and Russell S. C. Dark Brown Leghorns; eggs \$2.00 per 15. Bon M. Harade, Manager.

Wyandotte—Eggs

WHITE WYANDOTTE EGGS, KEELER strain. Certified stock, \$5-100. Mrs. C. Miller, White City, Kan.

SILVER LACED WYANDOTTE EGGS. Prize winning stock. Heavy layers. T. settings \$3; four settings \$5. Mrs. M. Stringer, Monument, Kan.

FREE RANGE WHITE WYANDOTTE that are white. Early maturing; laying at six months. Eggs \$6.00 per 100. Gertrude Huston, Emmett, Kan.

SEVERAL VARIETIES

949 COCKERELS, 15 VARIETIES, HATCHING eggs, baby chicks. Free book. A. Bros., Blair, Neb., Box 5.

68 VARIETIES FINE PURE BRED CHICKENS, ducks, geese, turkeys, fowls, egg baby chicks. Large catalog 5c. A. Ziemer, Austin, Minn.

PURE SILVER ROSE COMB WYANDOTTE cockerels, \$1.75 each. Pure Fawn Ind Runner Ducks

Northern Kansas

By J. W. Johnson



The Duroc Jersey breeders in the vicinity of Manhattan have claimed February 13 as the date of their combination bred sow sale.

C. B. Schrader, Clifton, Kan., is not holding a public sale but prefers to sell his Poland China bred sows at private sale. The Schrader herd has always been noted for its great individuals and up to date blood lines.

J. C. Long & Sons, Ellsworth, Kan., are expecting some great litters from their new herd sows. Wonderful Sensation by Great Sensation and out of a High Sensation dam. They would sell a few spring gilts to him.

J. S. Fuller, Alton, has postponed his spotted Poland China bred sow sale from February 20 to some time early in March, that is, if he does not sell them in the meantime at private sale, which he hopes to do.

G. A. Sanborn, Edmond, Kan., has a new Chester White herd sows, Cedar Lawn Revolution by Revolution. They are expecting some great litters from this young sow this spring.

The Pottawatomie County Spotted Poland China Breeders' Association has decided not to hold their annual bred sow sale at Onaga, Kan., February 15. The members will sell at private sale this time.

H. B. Walter & Son, Bendena, Kan., will sell fashionably bred Poland Chinas in the sale pavilion at Bendena, Feb. 7. They are putting up a great offering of 50 fall gilts bred to their well known boars and expect that they will sell at very reasonable prices, from the standpoint of the breeder or farmer looking for something good to strengthen his herd with.

E. A. Cory, Concordia, Kan., who has promoted lots of good combination sales for Concordia, has postponed his combination bred sow sale from February 9 to February 15 because of the bad condition of the roads. In this sale he is selling Poland Chinas, Duroc Jerseys and Spotted Poland Chinas, all purebred and consigned by such breeders as Sherwood Bros., Concordia; H. C. Nelson, Beloit, Durocs, and Linch Bros., Jameson, Spotted Poland Chinas, and other black Poland China breeders. The sale will be held February 15 in the new sale pavilion.

H. D. Burger, Seneca, Kan., owns one of the best dairy farms in Northern Kansas and it is equipped nicely for the business with modern dairy barns and other equipment. His purebred herd has grown to such an extent that he is compelled to reduce it and he is holding a public sale at the farm February 8 for that purpose and is selling about half the herd and is selling as good as he is keeping in order to make it a sale worth while. Four other Nemaha county breeders are consigning with him two or three each and it is going to be a big sale of purebreds. Every animal Mr. Burger is selling was grown and developed on this dairy farm.

Not Too Busy to Write Good Ads

A series of sensible, yet attractive, advertisements has been appearing under the "Shire" classification of this paper the past few weeks. They advertise the Fairfield Farm Ayshire cattle, property of David Page, of Topeka, Kan. Altho Mr. Page is one of Topeka's busiest men, he takes time to study the problem of livestock advertising. His Fairfield Farm Dairy is one of the things Shawnee county people are proud of; his Topeka Flour Mills are among the biggest in the West, and recently he has taken a leading part in building what the Kansas capital has needed more than anything else, a big modern hotel. Yet David Page finds time to push Ayshire cattle and write good advertisements for his own herd.

Southern Kansas

By J. T. Hunter



The judging of Shorthorn cattle at the Kansas National Livestock Show starts Monday, January 28, at 1 p. m. "Art" O. Stanton of Sheridan, Mo., is the judge, and a good one.

The annual meeting of the Kansas Duroc Breeders' Association will be held in the chamber of commerce assembly rooms, Wichita, in the evening of the day the Durocs are judged at the Kansas National Livestock Exposition.

Homer Drake, Sterling, Kan., has a good Duroc herd. Has never had a sale. Sells small order and has built up a wide acquaintance that way. His main stress head is his good sized herd, a Great Wonder Model Great Wonder, Smooth Sensation Sensation's Master; Pathfinder Graduate Pathfinder Jr.; and Giant Radio by Radio by Valley Giant out of a Defender dam.

J. H. Hieber, Paola, Kan., and H. C. Nelson, Osawatomie, Kan., comprise the Hieber & Hylton, Paola, Kan., firm of Duroc breeders. J. H. or more familiarly known as Jake Hieber, writes that he has had 20 some sows and several boars this fall and winter. At the fall sale two breeders of purebred Poland Chinas bought some gilts. These same breeders recently bought some gilts of Hieber & Hylton. These breeders raise the kind of Durocs that appeal to anyone who likes good hogs.

Seven years before any Shorthorn herd was placed on the federal accredited list in Kansas, Clarence H. White, Burlington, Kan., had a tested and tuberculin free herd that was placed on the federal list. Animals have gone down in test since herd was placed there. Sixty some odd gilts comprise the herd, 25 of which are of the remainder are highly bred Scotch Durocs. Herd sire, Marshal Sunray, is a Creek Sultan bull out of a daughter of Village Marshal. He is an especially good sire. An outstanding individual is Scottie Belle. She has a better

The Real Estate Market Place

RATE

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50c a line per issue

There are 10 other Copper Publications that reach over 2,170,000 families which are also widely used for real estate advertising. Write for special Real Estate advertising rates on these papers. Special discount given when used in combination.

Special Notice

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

KANSAS

LAND on crop payments. Write for list. Jess Klesner, Garden City, Kan.

MY suburban home, 1/2 block, chicken raising equipped. Terms. S. C. Hemphill, Baldwin, Kan.

LAND on crop payments, fine crops, pay 1/2 crop, \$27 acre. Ely, Garden City, Kan.

50 BU. CORN PER A. land \$15 A. up (few trades). Thomas Land Co., Sharon Spgs., Kan.

50 DAIRY FARMERS wanted. Cows furnished. Lewis Gray, Protection, Kansas.

FOR SALE, N. E. Kansas bottom and upland farms, Melvin Ward, Holton, Kan., R.F.D. 1.

BUY CHOICE FARMS and city property. Any information wanted in this section? The Dowling Realty Co., St. Francis, Kan.

FOR SALE: Eight choice sections, Wallace county, Kan., one to three miles of Westkan. Agents wanted.

C. E. Mithem, Harvard, Ill.

40 ACRES, 3 miles west of Washburn College, all tillable, level land on hard surface road, plenty of good water, good barn. Clyde Corbet, R. 8, Topeka, Kan.

NO CASH DOWN, no interest for 5 years. You develop dry or irrigated land and give us 1/2 crops each year until paid for. Morris Land Co., Lawrence, Kan.

40 ACRES rich land for sale—Chickens, fruit and alfalfa. Near public school, high school and Baker University. Write J. W. Counts, Baldwin, Kan.

SPLENDID IMPROVED 200 acre stock farm, exceptionally well located as to schools, railroads, roads and markets at sacrifice to settle partnership. For particulars write Leslie Ferrigo, Parker, Kan.

FOR SALE: Six acres edge of town 1800 population; 4 acres irrigated; Skinner overhead system; good seven-room house, modern, barn, chicken house, garage, fruit. Price \$4,000. Terms.

L. M. Hendrickson, Lincoln, Kan.

calf at side. One pleasing sight on the farm is that of a number of lusty Scotch and Scotch topped serviceable age bulls.

C. C. Seargent, Lebo, Kan., bought a Spotted Poland sow four years ago. She put him in the hog business. Every hog except the herd sire and one female are descendants of the sow. There are over 75 head there now and many have been marketed in the preceding four years. Mr. Seargent proudly admitted that he was not paying much attention to marking the pigs and keeping up the pedigrees because his two sons were doing that for him. The boys might have become hog enthusiasts anyway but the purchase of that one old brood sow gave them an early start at the purebred business.

A. H. Knoepfel, Colony, Kan., specializes in American and Island bred Jerseys and Chester White hogs. The Jersey cows include a number of 50 and 45 pound cows. Some of the good bulls and heifers that Mr. Knoepfel showed at Allen, Bourbon, and other county fairs were out of these cows and by his sire, Fontaine's Red Chieftain by Flora's Queen's Raleigh. The Knoepfel herd carried away more blue and purple ribbons from these fairs than did any other Jersey herd shown there. There are a lot of good serviceable age young bulls and heifers in the Knoepfel herd at all times.

A well balanced cow-sow-hen farm in Eastern Kansas is that of H. A. Dressler, Lebo, Kan. Every Holstein on the farm is an A. R. O. but two. Nine cows are in milk and have averaged 1 pound of butterfat daily for over two months. Several of these cows made 16 pounds or better as senior 2-year-olds. There are a half dozen serviceable age bulls on the farm out of these good cows by the herd sire, a son of King Korndyke Sadie Vale. The Duroc herd is a well bred and well fed lot of hogs. The farmers of Mr. Dressler's neighborhood have used his breeding quite extensively for breeding stock and come back for more. The chickens are cared for mostly by Mrs. Dressler and Mr. Dressler knows little more about them than the fact that the chickens more than take care of the monthly grocery bill.

To live for a half century on one farm in Kansas is unusual in this comparatively new country where people are more inclined to move from place to place. To have been born on a farm and continue to reside there 50 years is an achievement few Kansas farmers can boast about. Mr. A. L. Wiswell, Ocheltree, Kan., will have done that by Monday, February 11, 1924. He celebrates the event by holding his annual spring Poland sale on that date. In addition to owning the home place, a very valuable farm in Johnson county, he recently purchased a farm lying across the road from the original homestead. The original farm would be all that Mr. Wiswell would care to operate but with the two sons growing up Mr. Wiswell felt compelled to spread out somewhat to give the boys, Glenn and Raymond, land to take care of the increasing livestock. This trio, father and two sons, have one of the best Poland herds in the state and also have a very good Shorthorn herd.

Floods and drought last summer acted so disastrously on feed situation in southern half of Kansas that nearly all farmers were compelled to change their livestock feeding plans completely. Many farmers were compelled to dispose of their good hogs because of lack of feed. Messrs. W. R. Huston and S. E. Biddison, of Americus, Kan., have

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 McRae 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 Bld., Minneapolis, Minn.

OWN A FARM in Minnesota, Dakota, Montana, Idaho, Washington, or Oregon. Crop payment or easy terms. Free literature. Mention state. H. W. Byerly, 81 Northern Pacific Ry., St. Paul, Minn.

FORECLOSED FARM BARGAINS. Eastern Kansas, Western Mo. within 100 mi. Kansas City. Farms foreclosed by banks and Trust Co. offered by me at about amount of 1st mortgage; 40 to 1,000 acres; payments as small as \$1,000 cash. Rare opportunity to get a farm of your own or invest at bottom price. List free; auto road map Kans. or Mo. 10c postpaid. Lott "The Land Man," 825 Finance Bldg., K. C., Mo.

ARKANSAS

\$45 BUYS five acres, oil rights included. S. B. Vaughan, Newton, Kansas.

IF YOU want to live in Arkansas, write Searey County Realty Co., Leelle, Ark.

FREE U. S. LAND. 200,000 acres in Ark. for homesteading. Send 85c for Guide Book and Map. Farm-Home, Little Rock, 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. Barnaley, 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. E. Howard, Sec., Cottonwood, Shasta Co., Calif.

POULTRY AND BERRY FARMING in Sunny California in the famous Charles Weeks intensive 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 land for dairy, hogs, walnuts or prunes. Price \$10,000. Easy terms.

P. T. Hinks, Yuba City, Calif.

FLORIDA

FOR FLORIDA LAND, wholesale, retail or exchange, write Interstate Development Co., Scarritt Bldg., Kansas City, Mo.

MISSOURI

WRITE for free list of farms in Ozarks. Douglas County Abstract Co., Ava, Mo.

LISTEN! 40 acre impr. farm 1985. 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.

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 bluegrass 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.

NORTH CAROLINA

NORTH CAROLINA farm 430 acres, 4 miles out—good roads, schools, excellent water, mild winters, rents over \$2,000. One 10-rm. dwelling, 6 tenant houses, \$60.

Cleve Stallings, Owner, Littleton, N. C.

PENNSYLVANIA

FARM: 153 acres; basement barn, house, other buildings. \$3,800.

John P. Stevens, Owner, Landys Lane, Pa.

COLORADO

FOR SALE: Ten choice sections, east of Cheyenne Wells, Cheyenne county, Colorado. Agents wanted.

C. E. Mithem, Harvard, Ill.

320 ACRES in Lincoln County, Colo. 80 acres under plow; no buildings; 240 acres first class land, balance pasture. Will accept \$400 cash, balance 6% and payable on grain plan. Price very low. Never such a chance for a home. Address The Allen County Investment Co., Iola, Kan.

640 ACRES in the finest stock raising and farming section of Colorado. 350 acres under irrigation. 8 miles from Grand Junction, a city of 12,000 population. Good soil, plenty of irrigation water and a delightful climate. Located at the entrance of Colorado National Monument. Easy terms. The Red Lands Company, Grand Junction, Colorado.

SOUTH DAKOTA

EIGHTY ACRES, good soil, near railroad survey, prospective townsites, Perkins county, South Dakota. Big bargain for quick bidder.

J. E. Maurer, Mt. Holly Springs, Pa.

TEXAS

5c AN ACRE CASH—Texas school lands for sale by the state at \$2 per acre, 5c per acre cash, balance in 40 years, 5 per cent interest. Send 6c postage for further information. Investor Publishing Co., Desk 3, San Antonio, 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

BARGAINS—East Kan., West Mo. farms—sale or exch. Sewell Land Co., Garnett, Kan.

TRADES EVERYWHERE—What have you? Big list free. Bersie Agency, Eldorado, Kan.

PRE-WAR PRICES. Now is the time to buy. Farms, Suburban Homes, city property. Sale or exchange. T. B. Godsey, Emporia, Kan.

EIGHTY ACRE farm for sale or trade, well improved, in Coffey county, Kansas.

A. M. Bussett, Alliceville, Kan.

IMPROVED 150 ACRES near county seat. Priced to sell. Want 40 acres.

Andrew Klingensmith, Oskaloosa, Kan.

I HAVE several quarter sections Western Kansas land; wish to exchange for other property. Box 371, Wakeeney, Kan.

WE HAVE Imp. E. Kans. Farms to Ex. for W. Kans. and E. Col. Farms.

Bourbon Co. Realty Co., Ft. Scott, Kan.

BEST 1500 A. ranch, Central Kan., \$10,000 imp. to trade for Eastern land. Vrooman Loan & Realty Co., 820 Kan. Ave., Topeka, Kan.

240 A. IMPROVED. Good farm, good location. Wilson Co. Kansas. Want stock of merchandise or other property.

C. A. Long, 818 Kansas Ave., Topeka, Kan.

320 A. good smooth, unimproved Western Kansas land. Can trade for merchandise, rental property, garage, automobiles or other property.

C. A. Long, 818 Kansas Ave., Topeka, Kan.

TAKE CHILDREN to Baker Univ. 6-room house, chicken house, garage, lots of fruit. Fifteen hundred dollars, clear. Trade for small farm Northeast Kansas.

C. R. Dewey, Baldwin, Kansas

A REAL DAIRY FARM, 170 acres, 5 miles town, on main line Union Pacific, 14 miles Topeka, 50 Kansas City; good improvements, fine dairy barn, milking machine, 60 acres cultivation, 15 alfalfa, balance bluegrass pasture, some timber. \$2,000.00 will handle. Will trade. Offered at sacrifice price.

Write O. J. Bunn, House Building, Lawrence, Kan.

REAL ESTATE WANTED

FARM WANTED immediately. Send particulars. Mrs. Roberts, Box 75, Roodhouse, Ill.

FARM WANTED from owner, possession in spring. Describe. J. W. Houck, Tiffin, O.

FARM WANTED. From owner only. Send full particulars. Ray Smith, Maplewood, Mo.

FARM WANTED from owner. Must be bargain for cash. Describe imp., markets, crops, water, etc. Emory Gross, N. Topeka, Kan.

CASH BUYERS want Kan and Colo. farms. Spring delivery. Don't wait, write now. R. A. McNown, 329 Wilkinson Bldg., Omaha, Neb.

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

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

FOR RENT

FOR LEASE: 3267-acre ranch. 600 farming all or part. Box 306, Coldwater, Kan.

FOR RENT. Well improved farm near Hoyt, Jackson county, Kan. Corn and hay land. Owner, F. O. Box 132, or Phone 111, Holton, Kan.

REAL ESTATE LOANS

I HAVE some money to loan on Kansas farms. W. H. Eastman, 209 Columbia Bldg., Topeka

Kansas Poland China Breeders

Fall Gilts Bred for Fall Farrow

In service to Wonder Giant by Giant's Equal out of Golden Gate King, Choice Prospect, Smooth Big Bone dams. Spring boars for sale also. J. C. MARTIN, WELDA, KAN.

HENRY'S BIG TYPE POLANDS

Outstanding February and March boars and gilts sired by Big Orange and Jayhawk, out of sows of the best big type breeding. Write for descriptions and prices. Choice weaned pigs for \$12.50. JOHN D. HENRY, LECOMPTON, KAN.

Challenger-Chess Breeding At Cassingham's

Spring pigs, both sexes, by C's Challenger by Challenger by Fessey's Timm and Chess Jr. by Chess out of Giantess, Prospect, L's Big Bone, etc., dams. Priced reasonably. W. E. CASSINGHAM, LYONS, KAN.

Monaghan & Scott Polands

Offering some good bred sows and gilts and a lot of spring pigs, both sexes, at reasonable prices. Dams include Liberty Bond, Caldwell's Big Bob, Liberator, etc., breeding. Herd sire is spring yearling son of Liberator out of Lady Revelation, litter mate to 1920 world's junior champion sow. MONAGHAN & SCOTT, PRATT, KAN.

No Gamble to Buy of Gamble

Spring pigs, both sexes, by Showmaster, Blackmaster by Showmaster, Pawnee Revelation by Revelation, son of Peter Fashion, etc. Out of well grown daughters of good sires. M. B. GAMBLE, GREENSBURG, KS.

AUSTIN STOCK FARM POLANDS

Spring sons and daughters of Austin's Yankee Giant by W's Yankee and M's Pride, a linebred Morton's Giant boar. Write us your wants. We can fill the orders. MILES AUSTIN, BURTON, KAN.

SHIVES POLAND FARM

Spring pigs by Liberator and Giant Buster sires out of daughters of The Yankee, The Hippodrome, etc. Females bred to son of The Outpost, Golden Rainbow, etc. Grand champion breeding is strong in this herd. E. O. ALLMAN, BURTON, MANAGER

Bred Sow Sale Feb. 19

Big Field Farm Polands won heavily in 1923 shows. In this sale, a fine lot of gilts bred to High Reputation and My Type. Catalogs free. Also choice boar pigs by High Reputation. J. C. DAWE, TROY, KAN.

Revelation Wonder and Son of the Outpost

Bred sows and gilts by Peter Fashion, Showmaster, Seward Buster, Rickert's Constructer, Giant Fashion Boy, etc., in service to Revelation Wonder by Revelation and son of The Outpost. Spring pigs by Revelation Wonder. D. E. JOHNSON, MACKSVILLE, KAN.

Bannerdale Farm Polands

Gilts by Revelation of Bannerdale by Revelation, in service to a good son of The Outpost. Have some fine fall pigs at \$15 for gilts and \$12 for boars. C. S. WALKER & SONS, MACKSVILLE, KS.

Checkeration—Showmaster

Checkeration sired both male and female grand champions and won senior championship at 1923 Stafford County show. Showmaster won reserve senior championship. A number of the get of these boars won first and second in classes. Have a lot of females bred to or sired by these boars. Offering fall pigs also. PHILIP SHRADER, HUDSON, KAN.

AYRESHIRE CATTLE

BULL CALVES

1 to 6 years old, \$50; mostly from dams with good official records. Females: 1 or a carload at moderate prices. DAVID G. PAGE, Fairfield Farm, Topeka, Kansas

Cummins Ayrshires

Females all sold. Some choice bulls 4 to 9 mos. old. R. W. CUMMINS, PRESCOTT, KS.

BERKSHIRE HOGS

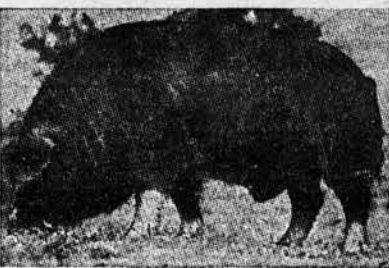
BERKSHIRE REG. BOARS serviceable age \$17.50. Gilts bred \$30. Weanlings \$15 pair. Guaranteed. F. M. LUTTRELL, Paris, Mo.

CHESTER WHITE HOGS

CHESTER WHITE BRED SOW SALE, Feb. 21, 1924. Write for folder. Email Youngberg, Essex, Iowa.

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.

Landmarks of the Breed—IX



W's Giant 251175

W's Giant 251175 was farrowed March 1, 1915. He was bred by W. C. Disher, New Weston, O., and sold to Sol. L. Leonard, St. Joseph, Mo., April 17, 1918. He was got by Disher's Giant, by Big Ben; dam Lady Big Crow by Big Crow.

W's Giant attracted Sol. L. Leonard when he was east on a tour of inspection of breeding herds in the winter of 1918. Some of the largest and most classy sows offered in the bred sow sales were daughters of this great boar. His get were among the winners at the Indiana State Fair the previous fall, and coming from one of the most popular families, Leonard was confident he had the backing for an outstanding herd boar. Leonard's purchase of W's Giant proved a master stroke. W's Giant was a massive boar, weighing at five years of age, about 1,100 pounds; stood 44 inches tall, and was very active. Among the great producing sows sired by him were Mary Pickford, Melba and Hercules Girl 4th. The boars by W's Giant were numerous and possessed the prominent qualities of their sire. The Leonard sales were among the tops, east or west. The W's Giants had the great size and ruggedness sought above all else just at this time.

Disher's Giant, the sire of W's Giant, was the largest boar east of the Mississippi. He was also the sire of Giant Buster and many other great sons that were popular thruout the entire country. We told in a previous article the history of Disher's Giant and Big Ben his sire. Little did any one think that in that memorable summer sale of Pfander & Sons in 1913 when two outstanding February pigs were sold at the then unheard of prices \$325 and \$300, that they would be the foundations of a new era in the breed's progress, and each give to us a new page in the breed's history. W's Giant was a great factor in helping to make this history. Strong of constitution, wonderful feet and legs, massive body with great strength to carry it, he transmitted these outstanding qualities to his offspring.

Due credit should be given to Mr. Leonard's herd of brood sows, known as among the best of the breed. Two of them are prominently mentioned in the History of Poland Chinas in the chapter, "Important Brood Sows and Their Influence on Breed Building." —Ray Davis.

Earl Hopkins' Bred Sows and Spring Pigs

Sows and gilts to farrow in September and October, in service to Sunflower Wonder. Spring pigs by this sire and Sterling Buster. Good ones in every respect. EARL HOPKINS, LARNED, KAN.

Bred Sows and Gilts

I have for sale sired by Indiana Reformer, an unusually fine lot of sows and gilts, all bred to my new herd boar, Pleasant Hill Designor. Priced right. HARRY SHEARER, LOGAN, KAN.

Bred Sow Sale Feb. 7

We will sell daughters of Bendena Giant, 1921 grand champion boar of Kansas, bred to Giant Bob, 3rd prize boar at the 1923 National Swine Show. Write today for our catalog. H. B. WALTER & SON, BENDENA, KAN.

Very Choice Spring Gilts

Sired by Kensington Liberator and bred to Outpost Model. Bred for April and May farrow. L. U. PYLE, KENSINGTON, KAN.

JOE'S GIANT

A GRANDSON OF LIBERATOR out of Betty Joe for sale. A good boar we can't use longer. Spring boars and gilts by him and Kansas Archdale. Dams include daughters of Big Bob's Jumbo, Giant Lunker, etc. Priced right. 4 1/2 miles south Colwich. A. M. STUNK, COLWICH, KANSAS

J. T. MORTON, Stockton, Kan.

offers some splendid spring boars mostly by Glob Designor and The Herald 2nd. Also September and October pigs, either sex. Reserving spring gilts for bred sow sale March 11. Write for prices.

Bartford Farm Polands

Gilts by B's Liberty Bond bred to Attaboy Again. Tried sows by Sterling Buster bred to Sharp's Liberty Bond. Spring boars by Attaboy, 1923 Topeka grand champion. Herd sires: Sharp's Liberty Bond and Attaboy Again. H. D. SHARP, GREAT BEND, KANSAS

Southwest's Greatest Breeding Herd

Top notch young boars, March farrow, by Latchnite and Ranch Yankee, the grand champions. They are good enough to head any purebred herd. They are priced worth the money. DEMING RANCH, OSWEGO, KAN. H. O. Sheldon, Manager.

Royal Flush—Chess Jr.

Gilts and boars by Royal Flush and Chess Jr., including part of litter that won first at Rice County Promotion Show. CHAS. MYERS, LYONS, KAN.

BIG SMOOTH POLANDS

Breeder of registered Poland Chinas for 25 years. Buster Clan 133120 heads my herd. Stock always for sale. 100 head now to select from. JOSIAS LAMBERT, SMITH CENTER, KAN.

McAllaster's Bred Sows and Gilts

A lot of bred tried sows and gilts to farrow in March and April. In service to Sir Hercules by Hercules Revelation. Guaranteed and priced to sell. GUY McALLASTER, LYONS, KANSAS

The Coates House

KANSAS CITY, MO.

Tenth Street and Broadway

on direct street car line to and from Union Station and Stock Yards.

FIRST CLASS

location, service, cafe and cafeteria in connection. Those who travel out are welcome. Plenty of room to park, good garages are handy.

RATES: \$1.00 to \$3.50 per day.

COATES HOTEL CO.

Sam B. Campbell, President and Manager



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 Wexford 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 sire breeder. Let me know your wants. CHAS. H. GILLILAND, Mayetta, Kan., Rt. 1

JERSEY CATTLE

Choice Reg. Jersey Bulls

Calves to serviceable age, \$35 to \$100. My last three herd sires came from Longview Farm. A. H. KNOEPEL, COLONY, KAN.

HORSES AND JACKS

GREAT SHOW AND BREEDING JACKS. Colts to mature Jacks. Written guarantee. Hipman Jack Farm, Dighton, Kansas

been accustomed to holding annual spring Duroc sales at Emporia, Kan. It has been evident for some months that an offering could not be presented at that place this spring and sold with any possibility of success. These breeders decided to hold their sale at Topeka, Kan., free fair grounds pavilion, Tuesday, February 12. Topeka has good auto roads and railway facilities and lies in that section more favored with good crops. There will be 60 some head and the sale commences at 1 p.m. It should be understood that this is not a dealer's sale but one put on by breeders reluctant to change from a place where their offerings have heretofore been highly desired by farmers of their trade territory.

County Agent C. C. Jaggard, Burlington, Coffey county, Kan., is tall and angular. He pays little attention to gates or woven wire fences, just steps over them. Whether his physical build and consequent ability to negotiate hog fences makes him lean to hog projects is a debatable question. However, there may be something to it because during the two years he has been at Coffey county the number of good purebred herds of hogs have increased about three fold. Mr. Jaggard does not encourage all farmers to raise hogs but does encourage all who do raise hogs to have purebreds. There are more than 400 members in the farm bureau November 2 the farm bureau and the Burlington chamber of commerce held a joint picnic and program. Part of the entertainment was a greased pig race. Each organization gave a pig to the boy that could catch the pig after it had been given a greasing. Fully 2,000 people

SHORTHORN CATTLE

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.

Wanted—Coming 3-yr-old Heifers

good grade or pure blood, Shorthorn or white face that will calve in spring, broken or carload lots. Save shipping expense, sell to us direct for cash. Make quotations worth the money. Address Charles Johnson, Swain Ranch, Dwight, 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.

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 one herd bull, Gainsford Lancer 827134, by Gainsford Champion, a ton bull. F. J. COLWELL, GLASCO, KAN.

Well Grown, Serviceable Age Bulls

by Marshall Crown Scotch and Scotch Topped. From best of families. C. H. WHITE, Burlington, Kan.

HEIFERS, COWS, BULLS—all ages. Scotch and Scotch topped. Senior sire by Scotch Cumberland; Jr. sire by Ashbourne Choice. Dams include Cruickshank's Secret, Bates, Young Marys. Elmer Conard, Rush Center, Kan.

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

A nice lot of bulls from 6 to 14 months old, great bargain in my May & Otis herd bull. R. M. ANDERSON, BELOIT, KAN.

HEREFORD CATTLE

BRED OR OPEN HEIFERS AND COWS. Bulls—calves to breeding age. Sired mostly by Romulus 35, a Beat Mystic sire. Bred females in service to Model Boy by Rocky Boy. Lester Schroeder, Albert, Mo.

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 Bull Success, and Echo Mystic, a Polled Admiral. Dams: Beat Ideal, Rex Onward, etc. W. W. Trumbo, Peabody, Kan.

RED POLLED CATTLE

RED POLLS On Feb. 29 I will sell 38 head of registered Red Poll cattle, consisting of 13 bulls, yearling heifers, five 2-year-old heifers, cows. Write for booklet, which will be ready Feb. 1. IRA R. LONG, QUINTER, KAN.

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

PLEASANT VIEW STOCK FARM. Choice bulls and heifers, calves to serviceable age. Halloran and Gambrell, Ottawa, Kan.

ple were present at the joint meeting. Mr. Jaccard exercises good judgment in undertaking projects well adapted to his county and is accomplishing good results there.

Col. Brady Again at Wichita

At the Kansas National Livestock Show Col. L. R. Brady, Manhattan, Kan., will again be ring superintendent. W. A. Coche, Kansas City, Mo., will superintend the Short-horn show. Prof. B. M. Anderson, Manhattan, Kan., will superintend Herefords. In the baby beef and carlot classes T. Y. Horton, Wichita, Kan., will be superintendent. In Holsteins, W. H. Mott, Herington, Kan., will be superintendent. The horse, mule and jack classes will be superintended by R. L. Barnhisel, Wichita, Kan. Swine, Ed Hoover, Wichita, Kan., superintendent. Sheep, R. Widner, Wichita, Kan., superintendent. Students' Livestock Judging Contests, E. J. Macy, Wichita, Kan., superintendent.

Judges at Kansas National

Following are the classes and judges at the Kansas National Livestock Show, Wichita, Kan., starting January 28.
Shorthorn cattle, A. O. Stanley, Sheridan, Mo.; Hereford cattle, Carl Miller, Belvue, Kan.; Holstein cattle, Robert Haeger, Algonquin, Ill.; Horses, mules and jacks, Dr.

HOLSTEIN CATTLE

BONACCORD HOLSTEINS

Complete dispersion February 14. Watch this paper for further announcement. Federal accredited herd.

LOUIS KOENIG, SOLOMON, KAN.

Some Very Choice Holstein Heifers

Bred to our herd bull, Sir Colanthus De Kol Henry, are offered. They are right all over and can't help pleasing you. Also some nice bull calves by this sire.
C. W. MCCOY, VALLEY FALLS, KANSAS

A PIONEER BREEDING HERD

Quality rather than numbers has always been our motto. Let me know your wants and I can very likely supply you.

BEN SCHNEIDER, NORTONVILLE, KAN.

COLLINS FARM HERD

Headed by Vanderkamp Segis Pontiac. Only Kansas sire with two 1000 lb. 2-year-olds and two 840 lb. 2-year-old daughters. Every yearly tested daughter has produced over 634 lbs. of butter. Young bulls of this breeding at modest prices.

THE COLLINS FARM CO., Sabetha, Kan.

Special for Quick Sale

A four months old registered heifer, "Clear Creek Beauty Segis," three times great granddaughter of "King Segis" and a beauty. (A real bargain.) We are offering our baby bulls as fast as they come so cheap that you should raise one for your next herd sire. Write to DR. C. A. BRANCH, Marion, Kan.

Heifers to Freshen Soon

A pioneer herd, federal accredited, offers nine heifers, four of them to freshen before first of the year. Bred to a good bull and they are choice. Also bull calves. Six miles Atchison, two miles Shannon. Address B. L. BEAN, R. F. D. 4, ATCHISON, KAN.

Nothing To Sell At Present

Later will have baby bulls for sale with production and type. Sired by Sir Ormsby Skylark Segis Beets, whose dam holds the Iowa State record with over 80 lbs. as a heifer. His sister held the world's record for butter with 1566 lbs. in a year.
E. A. BROWN, PRATT, 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.

BULLS ALL SOLD
Taking orders for February and March delivery. Prices right. Ask today for particulars. Herd bull's 13 nearest dams averaged 28 1/2 pounds in seven days.
Guy Barbo, Lenora, Kansas

Bulls Bulls Bulls

We have at Maplewood Farm 10 choice bulls ready for service. All sired by our 1,000-pound yearly record bull and from daughters of Canary Butter Boy King. Prices very reasonable. Write today.
W. H. MOTT, HERINGTON, KAN.

Yearling Heifers, Just Springing

Fresh cows and springers for January and February freshening, nice heifer calves, serviceable age purebred bulls. Write me your wants. PAUL HATCHER, EMPORIA, KAN.

N. W. Kansas Ass'n

Omer DaMetz, Harlan, President.
O. L. McCoy, Glen Elder, Secretary.

Bulls Out of A.R.O. Cows

These young bulls are by King Frontier Pontiac. Let us tell you about them.
O. E. RIFFEL, STOCKTON, KAN.

Our Holstein Dairy Farm

We offer two bull calves of serviceable ages that we well bred and out of high production cows.
J. C. ATCHISON & SONS, AGRA, KAN.

CHOICE BULL CALVES

Sired by Pabst Creator Titan and out of good producing cows.
OMER DA METZ, HARLAN, KAN.

KING FRONTIER PONTIAC INKA

Heads our herd. He is a grandson of King of the Pontiacs. His 7 nearest dams averaged 27 pounds in 7 days. Herd Federal Accredited.
O. L. McCoy, Glen Elder, Kan.

An advantageous shipping point for Kansas buyers



Pure Bred Horse Sale

Nebraska Pure Bred Horse Breeders' Asso.

H. J. McLaughlin, Pres. C. F. Way, Sec'y-Treas.
Will hold their Annual Sale at

Grand Island, Neb., Feb. 13-14

80-HEAD-80

Consisting of Good Young Stallions, Brood Mares, Yearling and Weanling Colts. The breeds represented are Percherons, Belgians and Shires from stables of some of the best breeders in the state.

THE CONSIGNORS

H. J. McLaughlin, Doniphan	Ed. Jones, Fairbury
Chris. Stahly, Milford	E. B. Lewis, Surprise
Heliker Bros., Allen	F. C. Beckord, Utica
Harry Wray, Seward	R. C. Firme, Hastings
J. Schneberger, Staplehurst	Jas. P. Rhea, Arlington
F. D. Bruensbach, Liberty	

Catalogs will be sent on request only by addressing

C. F. Way, Secretary, Lincoln, Nebraska

R. A. McCartney, Fieldman for The Capper Farm Press.

Grand Island Horse and Mule Co., Clerk

Col. P. M. Gross, Auctioneer.

Headquarters at the New Hotel Yancey

HOLSTEIN CATTLE

As Usual

Several members of the Mulvane Holstein Breeders Club will be represented at the Kansas National Livestock Show and Sale at Wichita, January 28 to February 2. We cordially invite all who are interested in Holsteins of the better kind to meet our fellows and inspect our cattle.

Mulvane Holstein Breeders Club

Wanted a Home For

No. 1-A 825 lb. bull.
No. 2-A 1,030 lb. bull.
No. 3-A 960 lb. bull.
These bulls are yearlings, very good individuals, and sired by Illinois Trifolia Homestead One, a bull with remarkable year record backing. Write for pedigree, photo and prices. G. G. MEYER, BASEHOR, 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.

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. Mating heavy now with high butterfat test. Federal accredited. T. B. and abortion free. Also bulls.
VICTOR F. STUEWE, ALMA, KAN.

Holstein Cows For Sale

40 reg. and high grade Holstein cows. Fresh and heavy springers. Parkview Farm, Rt. 8, Topeka, Kan. Opposite Gage Park.

BULLS. Calves up to mature bulls. Some out of A. R. O. dams. Federal accredited herd. Might sell a few females too.
A. W. Copeland, McCracken, Kansas

BEFORE ORDERING HOLSTEIN OR GUERNSEY CALVES anywhere, write Edgewood Farms, Whitewater, Wisconsin

GUERNSEY CATTLE

GUERNSEYS

For the Plains of Kansas

The Guernsey cow takes an active part in the profitable dairying of the Middle West. Let her help you in your diversified farming program. She has size, constitution, vigor, and is an economical producer of Golden Guernsey milk.

The Quality-Quantity Breed
For information write to

The American Guernsey Cattle Club
Box KF-101 Peterboro, N. H.

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, Ks.

AGED REG. GUERNSEY COWS and heifer calf for sale cheap, also 10 mos. Guernsey bull. Winwood Dairy Farm, Burlington, Kan.

LIVESTOCK AUCTIONEERS AND SALE MANAGERS.

BOYD NEWCOM, Auctioneer
219 Beacon Bldg., Wichita, Kan.

Jas. T. McCulloch
Livestock Auctioneer

Clay Center, Kansas

SHORTHORN CATTLE

SHORTHORN CATTLE

An All Scotch Shorthorn Sale

Marion, Kansas, Saturday, February 9

35 Excellent Scotch Cows and Heifers, 12 Calves;
5 Scotch Bulls, including

The celebrated, imported Laird of Waterton. One of the best bred imported bulls in the United States, a grand individual weighing more than 2,500 lbs., in show condition. Also four strictly high-class young bulls with excellent pedigrees.

30 big broad backed, thick fleshed, easy feeding, quick maturing, Scotch Cows and Heifers. The kind that are right in type, in character, and in pedigree. They will improve your herd. Some of them are real dairy cows.

Sale includes some of the best cows of the breed. Such as, Jehu's Emerald 3rd, sired by the \$10,000 Roan Lord. This is a 1600 pound show cow, with a double cross to the grand champion, Avondale. Also a double cross to Choice Goods and Marengo. Both champions of the English Royal, the world's greatest stock show. This wonderful cow sells with an excellent white bull calf at foot, by the celebrated sire, Roan Cumberland.

Another remarkable cow to be sold is Anna Clara. A four-year-old roan by the \$12,000 imported Caledonia, probably the most remarkable sire of high-priced prize winners imported during the past ten years.

Space forbids mentioning the many excellent individuals in the sale. However, any breeder that wants to improve his herd will not be disappointed if he attends the sale. For this will be one of the very best offerings of Scotch cattle sold this winter.

The cattle are being shipped to Marion on account of the drouth in Oklahoma. It will be a chance of a life time for you to buy the very best produced by the breed at your own price. All of the cattle are from herds under federal supervision accredited and clean for several years. They sell subject to 60-day retest if kept segregated.

For free illustrated catalogue, address F. S. Kirk, Sales Manager, Box 246, Wichita, Kansas.

Owners: A. J. Morris, Anadarko, Oklahoma and E. E. Alkire, Chickasha, Oklahoma

HOLSTEIN CATTLE

HOLSTEIN CATTLE

Holstein Reduction Sale

Seneca, Kan.
Friday, Feb. 8



The Nemaha Stock Farm herd of pure bred Holsteins will be reduced one half in this sale. A federal accredited herd. Sale at the farm 3 miles north,

50 head in the sale. 30 valuable cows, either just fresh or in heavy milk. 12 yearling and coming two year old heifers, 6 heifer calves, 2 valuable herd bulls.

Consigning with Mr. Burger a few each are four Nemaha county breeders as follows: E. J. Draney, Seneca; Earl Goodrich, Seneca; Harry Allen, Goff; Allie Stahlbaumer, Seneca. For the sale catalog address, either

H. D. Burger, Seneca, Kansas or W. H. Mott, Sale Manager, Herington, Kan.

Auctioneers: Jas. T. McCulloch, Boyd Newcom, E. J. Draney, E. A. Lally.
Lunch on the ground. J. W. Johnson, Fieldman Mail and Breeze.

FOR THE VERY BEST HOLSTEIN or Guernsey calves 7 to 9 weeks old, write Spreading Oak Farm, Whitewater, Wis.

REG. HOLSTEIN BULLS, 6 mo. to yearlings, sired by U. S. Korndyke Johanna Segis 269147. Farmer prices. Daniel Clinkenbeard, Wetmore, Kan.

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.

DUROC HOGS

DUROC HOGS

Woody & Crowl

50 Duroc Jersey daughters and granddaughters of Champions.
Sale at The Roadside Farm,

Barnard, Kan., Thursday, Feb. 7

We offer 50 sows and gilts, well grown and conditioned for this sale with their future usefulness in mind.

They are extra well grown, good feet, splendid backs, in fact an offering of 50 sows that will challenge any like number anywhere.

BRED TO THESE GREAT BOARS:

The Winner, himself a great individual and a son of the world's Champion and out of Rosa Pathfinder, 3rd, a National swine show winner.

King of Constructors a son of the champion Constructor, dam by Great Orion Sensation. A young boar of great size, quality and character.

Big Bone Wonder, a boar of great size with plenty of quality.

The sale catalog is ready to mail. Address,

Woody & Crowl, Barnard, Kansas

Auctioneers: Jas. T. McCulloch, Will Myers.
J. W. Johnson, Fieldman Mail and Breeze.

Location: Two and a half miles southwest of Barnard. If you come on the train come to Beverly, eight miles south of the farm on the U. P. Lincoln Branch. Trains from east and west arrive there in the forenoon and return in the evening. Autos will meet trains and return in time for outgoing trains.

Of Special Interest to Northern Kan. Farmers

Huston-Biddison Duroc Jersey Sale

Topeka, Kansas, Tuesday, February 12, 1924

Free Fair Pavilion, 1:00 P. M.

60 double immuned bred sows and gilts and boars. This is not a dealers' offering but well bred Durocs in good condition grown by W. R. Huston and S. E. Biddison of Americus, Kan.

WALTEMEYER'S GIANT, the famous Huston boar sired most of the offering. Some are by the \$1,000 Gold Master, Pathfinder's Image, and Greatest Sensation. Sows and gilts are bred for March and April farrow to four great sires: WALTEMEYER'S GIANT by Mahaska Wonder, SCISSORS AGAIN, 1923 Morris Co. grandchampion by Orchard Scissors, 1923 Kansas grandchampion; MAJOR STILTS, a Major Sensation sire out of a Stilt dam; and GOLD MASTER 1st, 1st in class of 15 at 1923 Morris county fair by Gold Master. Waltemeyer's Giant and Scissors Again will be on exhibit at the sale.

(Messrs. Huston and Biddison have held annual combined spring sales in their trade territory. Lack of feed there this season makes it advisable to sell further north where there is more feed. This is not a dealers' offering but a well bred highly desirable offering of Durocs.—J. T. Hunter.)

The catalog gives more complete information. Write for one mentioning Mail & Breeze. Send all mail bids to J. T. Hunter. For catalog address either

W. R. Huston, Americus, Kansas or
S. E. Biddison, Americus, Kansas

Boyd Newcom, Auctioneer. J. T. Hunter, Fieldman.



a wonderful pair of spring boars, by Sensation King, grand champion of Iowa. The dam of these boars is by Uneda Orion Sensation, reserve grand champion at International Show. Write at once for catalog.

E. E. Norman, Chapman, Kansas

E. E. Norman's Bred Sow Sale

Chapman, Kan., Feb. 6

Sale under cover in town

44 Head of Duroc Sows and Gilts

The offering will consist of 4 tried sows, 20 fall yearlings and 20 spring gilts. The gilts are sired by Norman's Col and Ideal King. Nearly all of the gilts are bred to Uneda Sensation King, and his litter mate, Giant Sensation King.

BUY—FARMERS—BUY

19 out of 28 Ton Litters raised in Texas in 1923 were Duroc-Jerseys. The champion ton litter of the state and eleven of the fifteen heaviest litters were Durocs. Duroc sows raised 10 pigs to the litter which was $\frac{1}{2}$ of a pig more per litter than the average for all sows in the contest. The Duroc litters averaged 2450 pounds.

To produce more pork in less time at less cost with less herd sows raise Durocs. Write for names of breeders who can supply you with this wonderful breed.

National Duroc Record Ass'n Dept. 10 Peoria, Ill.

HAMPSHIRE HOGS

Whitway Hampshires on Approval

Choose 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

SPOTTED POLAND CHINA HOGS

JUST A FEW real old fashioned Spotted Poland boars ready for hard service. Bargains while they last. Wm. Meyer, Farmington, Ky.

BRED SOWS \$30 to \$35; bred gilts \$25; spring pigs \$12.50; fall pigs \$7.50. Arch Back King breeding. T. L. Curtis, Danlap, Kan.

C. W. McCampbell, Manhattan, Kan.; Duroc and Poland China hogs, Prof. F. W. Bell, Manhattan, Kan.; poultry, Joseph Dagle of Iowa, E. C. Branch of Missouri; rabbits and caviae, J. S. L. Griffin, Colorado Springs, Colo.; pigeons, Isaac Sheets, Topeka, Kan. In the big public sales the auctioneers will be Boyd Newcom, Wichita, Kan.; Ed Herritt, Oklahoma City; John D. Snyder, Winfield, Kan.

Successful Sale at Topeka

The three-day combination sale of breeding stock, which promises to become a fixture in Topeka, was satisfactorily carried out on the 15th, 16th and 17th under the management of Frank S. Kirk.

The Shorthorn cattle sold the first day were largely consigned by breeders in sections of Oklahoma where there was no feed, due to last summer's drouth. The offering included a number of valuable animals, but even most of them, being presented in the rough, were bought where they can be made profitable with average farm demand for breeding stock. The average reported was \$133 on 47 head; top cow, \$275; top bull, \$200. It was considered a successful sale.

In the Percheron sale the second day, 35 different parties bought the 47 mares and stallions offered. The average price paid was given as \$173.67. The top price was \$360, paid for the 10-year-old stallion, Christo by Carnot. A 9-year-old stallion by Carnot brought \$310. Both were consigned by the Messrs. Rust of Sumner county. The top for mares was \$257.50, for one consigned by Ed Nickelson of Riley county. It was a better sale than many expected, who know agricultural conditions and have been watching the selling of farm horses at country points.

Thirty-five Duroc Jersey hogs and 53 Jersey cattle were sold on the third day. The Durocs, mostly from last summer's drouth section of Southern Kansas, averaged about \$30. The Jersey cattle, mostly a good quality of high grades, but including 23 yearlings, all shipped from the herd of Riley Green of Texas, averaged a little over \$54.

While the hog sale was disappointing, as hog sales are apt to be until market conditions improve, several local breeders of Duroc hogs joined with several consignors in the other sections of the sale in asking Manager Kirk to conduct another sale at Topeka.

NEWS OF OTHER STATES

By Capper Farm Press Fieldman

W. H. Charters, Butler, Mo., has a herd of Poland Chinas that is known in other countries. A few weeks ago he shipped a young boar to Sao Paulo, Brazil and recently he sent three gilts to H. C. Cook and J. C. Coleman, Rio de Ulva, Spanish Honduras. Mr. Charters is a constructive breeder, who has never permitted fads or fashions to interfere with his purpose of producing big, easy feeding hogs. He is one man who has kept right on growing and selling Poland Chinas, despite slumps and factional fights. His farm is one of the most interesting in Missouri because it is practical and every dollar of it was paid for by these Poland Chinas. Mr. Charters invites you to be his guest February 6 and see the class of hogs he considers good enough to go into an auction.

POLAND CHINA HOGS

Charters' Polands

Sale at

Butler, Mo., Feb. 6

20 tried sows and spring yearlings, 20 spring gilts, Sound, Immune and Guaranteed.

Bred to The Ranger, 2nd at American Royal and C's Emancipator, Giant Buster, A Clansman, Big Bob, Ranger are sires represented. Several gilts bred to Revelation's Clan.

Every animal in this auction is big and stylish. The spring gilts will weigh around 400 pounds. Butler is but a few miles from the Kansas line; is easily reached by train or automobile.

W. H. Charters, Butler, Mo.

C. L. Carter representing the Capper Publications

I guarantee satisfaction on bids sent to Mr. Carter.

Big Type Poland Chinas

We hold no bred sow sale but have a limited number of tried sows, fall yrags, and spring gilts sired by W's Giant, Cook's Liberty Bond, Surprise Prospect, Nufashion, and The Ensign. All bred to Nufashion, by Cook's Liberty Bond and Designor Bob, by The New Designor.

Boars also for sale. These will go quick. Call or write.

C. B. SCHRADER, Clifton, Kan.

POLANDS, either sex, by Designor and Cotte, Jr. Few Designor and Cotte Jr. gilts bred Liberator-Revelation, The Outpost and Checker-Flag, at former prices. J. R. Houston, Gem, Kan.

SHEEP

HAMPSHIRE AND SHROPSHIRE RAMS Best of breeding; reg. Cedar Row Stock Farm, A. S. Alexander, Prop., Burlington, K.

50th Anniversary Sale Wiswell & Sons' Poland Sale

Ocheltree, Kan., Monday, February 11, 1924

(9 miles southeast of Olathe and 3 miles northeast of Ocheltree.)

50 Head: 7 tried sows, 18 fall gilts, 25 spring gilts, all bred.

SIRE BY: The Emancipator, Wonder Buster, Radium King, Dunndale Prospect, King Kole Leader, etc.

OUT OF daughters of Emancipator, Black Bob, The Jayhawker, Masterpiece, Wonder Buster, Dunndale Prospect, etc.

IN SERVICE TO The Emancipator by Emancipator out of daughter of Liberty Bond; Dunndale Prospect by Dunndale Giant out of daughter of Surprise Prospect; and Liberty Prospect by Liberator out of daughter of Surprise Prospect.

(Mr. Wiswell was born on the farm where he lives. Will have lived fifty years on the same farm by the date of his sale, Feb. 11, 1924. Has for a number of years maintained a large well bred Poland herd from which he annually selects a top class spring sale offering. In this sale, Mr. Wiswell's anniversary sale, there will be one of the best offerings put up in Kansas this spring, J. T. Hunter.

Send all buying orders to J. T. Hunter. Sale in heated pavilion. You will be comfortable regardless of weather. Please mention Mail & Breeze. For catalog address

A. L. Wiswell & Sons, Ocheltree, Kansas

Auctioneers: James and Jameson, Fieldman, J. T. Hunter.

The Biggest Event of the Season Is Now In Progress at Wichita. Crowds are attending the

KANSAS NATIONAL LIVESTOCK EXPOSITION POULTRY AND PET STOCK SHOW

Never before in any Kansas Show Sale have there been so many high class Show animals on exhibition. It is the greatest showing of Holsteins ever made in the Southwest—more than 200 to look at. All other departments are full.

The Shorthorn Sale Wednesday Afternoon Jan. 30

offers 15 bulls and 35 females. An exceptional lot of herd bulls and females of the best of Scotch breeding. Presenting a wonderful opportunity to breeders to buy the best at their own price.

There are more than 2,000 cocks, cockerels, hens, pullets, rabbits, caviae, pigeons and other fancy and pet stock on exhibition. They must be seen to be appreciated.

Crowds are being turned away every night. The pantomime BULL FIGHTS, THE GENUINE IMPORTED SPANISH BULLS, THE SOCIETY HORSE SHOW, THE LIVESTOCK PAGEANTS, and the WILD WEST STUNTS are thrilling the thousands that see them.

The railroads are offering a special rate of one and one-third fare for the round trip, good returning Feb. 4.

SOUTHERN KANSAS DUROC BREEDERS

Bred Gilts, Real Bargains

Big stretchy March and April gilts bred for April farrow. Real bargains at \$25 and \$30. September pigs \$12. Best of Orion, Sensation and Pathfinder breeding. Immunized and guaranteed.
ERNEST A. REED, Rt. 2, LYONS, KAN.

Royal Herd Farm Bred Gilts

Big stretchy March gilts by Great Pathmaster, bred to Stills Orion for March and April farrow. Registered, immunized, guaranteed. Choice gilts at special prices to early buyers. Write me.
R. R. ANDERSON, McPHERSON, KANSAS

HOOVER ORCHARD DUROCS

Herd sires: Orchard Scissors, 1923 Kan. grand champion by Scissors, 1917 world's grand champion, and Gold Master by Pathmaster. We raise the kind that help make this a real hog country. Bred sow and gilt Thursday, Feb. 21. Send for catalog.
E. G. HOOVER, WICHITA, KAN.

Schaffer's Smooth Sensations

Sows and gilts in service to son of Pathmaster out of daughter of Big Bone Giant. Spring pigs, both sexes, by Smooth Sensation by Great Sensation Wonder out of daughter of Pathfinder.
FRANK J. SCHAFER, PRATT, KAN.

King of All Pathmasters

The Kansas Junior Champion. Our junior sire, King of All Pathmasters, was made our champion at the state fair, Hutchinson, Kan. He is a lot of sows and gilts in service to this good sire of Pathmaster. Sire is Radio by Valley.
M. I. BROWER, SEDGWICK, KAN.

Bred Sows and Gilts

Sows and gilts sired by Pathfinder's Victory and bred to Scissors 2nd; also fall pigs sired by Pathfinder's Victory. Scissors 2nd and W. V. Pathfinder. For next thirty days will offer sows at \$30, gilts at \$25, September pigs, either sex, \$10.
CONRAD KNIEF, SUBLETTE, KANSAS

WOODDELL'S DUROCS

One of the largest and best herds in the state. Headed by Taskmaster by Pathmaster. Offering all kinds of classes including number of gilts by Major's Great Sensation in service to Taskmaster.
G. B. WOODDELL, WINFIELD, KAN.

King Tut Sensation

By Major's Great Sensation. Sows and gilts by Taskmaster by Pathmaster and Model Sensation in service to King Tut Sensation. Also fall pigs, both sexes. Well grown and priced right.
GEO. M. POPE, Udall, Kan.

Waltmeyer's Giant 429003

The great breeding and show boar, and Goldmaster sire of our good boars. This breeding has won most prizes and made the farmer the most money. They will suit the most critical farmer and breeder. Vaccinated, registered. Shipped on approval. Priced to sell. 17 1/2 miles northwest of Emporia.
W. R. HUSTON, AMERICUS, KAN.

BIG SENSATION

505097
 Great Orion Sensation, dam by A High Sensation. Bred sow sale February 25. Write for catalog.
S. D. SHAW, WILLIAMSBURG, KAN.

10 DUROCS. Bred Gilts and Fall Pigs

Bred by champion boars or sons of champions. Gilts bred to Giant Radio. Immunized, vaccinated. Priced right. Write your Duroc breeder.
HOMER DRAKE, STERLING, KAN.

Large, Well Grown Gilts

Bred to Cherry King Sensation and Stills Orion Model. Priced reasonably. No sale this spring. Write me.
W. A. GADFELTER, EMPORIA, KAN.

Gardner P. Walker's Durocs

Spring pigs by Orion Commander, Great Pathmaster, Orchard Scissors, Great Wonder of Major's Great Sensation, Peerless Sensation, Great Wonder Sensation, Pride's Critic.
GARDNER P. WALKER, Ottawa, Kan.

SEAL'S DUROCS

Bred sows and gilts by Great Sensation Wonder and Graduate Pathfinder in service to Smooth Pathmaster. Spring pigs, both sexes, same breeding.
J. D. SEAL, MACKSVILLE, KAN.

DUROC JERSEY HOGS

Duroc Weanling Pigs
 All males, ready for service, registered, immunized, shipped on approval, and a year to go. Write for booklet and photographs.
STANTON BROS., ABILENE, KANSAS
 Herd located at Hope.

BRED PIGS by Col. Supreme by Su-

perior Col. out of daughters of Royal Sensation and Major Chief 2nd. Thos. M. Steinberger, Andale, Kan.

Pathfinder's Redbird Durocs

Spring pigs, bred sows and gilts by Stills Model 2nd by Stills Model and O. G.'s Sensation by Shepherd's Orion Sensation out of good dams including Pathfinder's Redbird and her daughters. Everything vaccinated.
O. G. CRISS, AGRICOLA, KAN.

Larimore's Bred Sows & Gilts

Fall pigs—cheap. Sires: Orion Commander, Major's Sensation Col. Dams by Major Sensation, Valley Sensation, Great Wonder Giant, Major's Sensation Col. Selected from a large herd. Write us.
J. F. LARIMORE & SONS, GRENOLA, KS.

Gilts for April Farrow \$25

Sired by Giles Royal Pathfinder and Long Sensation and in service to Defender Lad. Fall pigs by same sire out of improved Orion and Stills dam. \$15. Best fall pigs I ever raised. GILES BOUSE, Westphalia, Ks.

Spring Pigs Priced Reasonably

By Pathlon Chief by Pathfinder Chief 2nd. and Goldmaster sows and gilts in service to Superior Sensation also for sale. Write or call.
EARL GREEN, BURNS, KAN.

Bred Sows and Spring Pigs

Sows are Sensations, Cols. and Pathfinders in service to Smooth Pathfinder by Pathfinder Jr. Pigs are by same sire and Great Pathmaster by Pathmaster.
J. G. AXTELL & SON, GREAT BEND, KS.

Dressler's Durocs Make Good

Sows and gilts with litters, bred gilts, open gilts, and boars. Chief's Pathfinder by Pathfinder Chief 2nd and Col's Great Sensation by Major Sensation Col. are herd sires. Real good Durocs priced to sell.
A. R. O. HOLSTEIN bull for sale.
H. A. DRESSLER, LENO, KAN.

HIEBER & HYLTON PATHMASTER and STILTS

Bred sows and gilts for spring litters. Herd sires include Orion Pathmaster by Pathmaster and Lucile's Proud Stills, a full brother to Stills Model. Here is the blending of two great Duroc families. We have the individuals that make good. Write your wants.
HIEBER & HYLTON, PAOLA, KAN.

ADVANCE CONSTRUCTORS AND COMMANDERS AT JOHNSONS

Bred sows and gilts. In service to Leading Sensation by Sensation Boy. Spring pigs by same sire and Advance Constructor and Commander. Ship on approval. Nothing but good ones go out.
CHAS. P. JOHNSON, MACKSVILLE, KAN.

Out of Spring Pigs

Will sell fall pigs at \$12.50 for 30 days only. Double immunized, registered, etc. Have 100 for sale. Bred sows for sale. Stills and Victory Sensation 3rd sires at head of my herd.
E. W. MURPHY, SUBLETTE, KAN.

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.

COINMASTER—CROSSROADS

Sows and gilts by Sensation Type, General Sensation, Sensation's High Giant, etc., in service to Coinmaster, and spring pigs, both sexes, by Crossroads. Priced to sell.
M. T. NELSON, MEDICINE LODGE, KAN.

Poe's Hunnewell Durocs

Sows and gilts by or in service to Hunnewell Major by Major's Great Sensation, Great Orion 7th by Great Orion 3rd, and Bluff Valley Cornhusker by Cornhusker. Also spring boars. Priced to sell.
L. A. POE, HUNNEWELL, KAN.

Boars and Bred Gilts \$30

Big thrifty March gilts bred for April farrow. September pigs, both sexes, \$12. Best Sensation, Orion, Pathfinder breeding. Immunized.
JOHN A. REED & SONS, Rt. 2, Lyons, Kan.

THE DUROC HERDS

advertised in this section are owned by the progressive Duroc breeders of Southern Kansas. All popular blood lines are represented in these herds. Look this section over if in the market for herd material. It will be worth while.

DUROC JERSEY HOGS

Weller's Duroc Jerseys
 have been sent to 61 different counties in Kansas. Boars for sale now from 50 to 300 pounds, \$12 to \$35 according to size and quality. Good breeding and bone.
J. E. WELLER, HOLTEN, KAN.

Central Kansas Herd

Boars, bred gilts, fall pigs, either sex. Priced to sell. Immunized and guaranteed. Write to us.
J. C. Long & Sons, Ellsworth, Kan.

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

6 miles northwest of Turon
 Breeding stock that has shown superiority in Breeding Pen & Show Ring.
 6 tried sows, 29 fall gilts, 1 spring gilt.

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: Unecda High Orion, High Sensation, Pathfinder, Great Orion Sensation, Top Sensation, Victory Sensation 3rd, Illustration, 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

Sale on Farm 4 Miles Northwest of Lyons
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. Fuls, 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.



Once Again—at Your Door The Opportunity for You to Save Money

Ward's new complete catalogue for Spring and Summer is now ready, and one free copy may just as well be yours.

The opportunity for Saving, for wise buying is at your door. It is for you to give the answer. Will you, too, save money this Season on nearly everything you buy?

How Ward's Low Prices Are Made

Over 100 expert buyers have been at work for months finding and making these Ward bargains for you.

Fifty million dollars worth of merchandise has been bought whenever and wherever prices were lowest. America and Europe have been searched. Vast amounts of ready cash have been used to make possible for you and your family this great opportunity for saving.

"Ward Quality" Is Your Assurance of Reliable Merchandise

Ward's is a money-saving house. We make low prices. But there is one thing always to remember when comparing prices. We sell only merchandise of "Ward Quality."

We sell only the kind of merchandise that will give you satisfaction—that will stand inspection and use. We do not sell "cheap" goods. We sell good goods cheap. At Ward's we never sacrifice quality to make a low price.

And that has stood as our governing policy for fifty-one years.

Everything for the Home, the Farm and the Family

FOR WOMEN: Montgomery Ward's first catalogue contained mostly things for

women. So for 51 years our best efforts have been given to the woman's and young woman's needs and wishes. And so in New York our own Fashion Experts live and work to buy the best New York styles for you. You can get at Ward's the best and newest styles in garments with the utmost wearing quality without paying the usual Fashion profits.

FOR THE HOME: All over America thousands of homes have been made beautiful, comfortable and convenient by articles bought from Ward's. Our experts are practical artists in home furnishing. Here in this catalogue you will find everything new for the home, everything beautiful, and at a saving that will enable you to do even more than you expected in beautifying your home.

FOR THE FARM: We know the farmer's needs. We have studied them for over half a century. And so we can say to everyone on the farm that at Ward's everything for the farm is intelligently chosen with practical knowledge of its use. Fencing, hardware, roofing, tillage tools, tires and everything for the automobile—of reliable quality is offered at a big saving.

FOR MEN: Suits, overcoats, shoes, everything the man, young man or boy wears can be bought at Ward's not only at a saving, but with assurance of satisfactory service in everything you buy.

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One copy of this catalogue with all its opportunities for saving is yours Free.

You need only send us a post card or fill in this coupon and the big complete book will be sent you post-paid free.

The opportunity is now yours to save money on nearly everything you buy. So send for the catalogue. See for yourself the Saving and Satisfaction it will bring to you and to every member of your family.

24 Hour Service

Most of our orders are actually shipped within 24 hours.

We have perfected our service for you. After much study and testing new systems and employing experts we have perfected a system that makes certain your orders will be shipped promptly.

Our records prove that during the past year most of our orders were shipped in 24 hours—nearly all of our orders within 48 hours.

Lower prices, better merchandise; and now 24 hour service. True it is indeed that: Montgomery Ward & Co., the Oldest Mail Order House is Today the Most Progressive.



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