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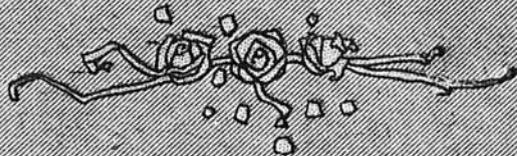
KANSAS FARMER AND MAIL & BREEZE

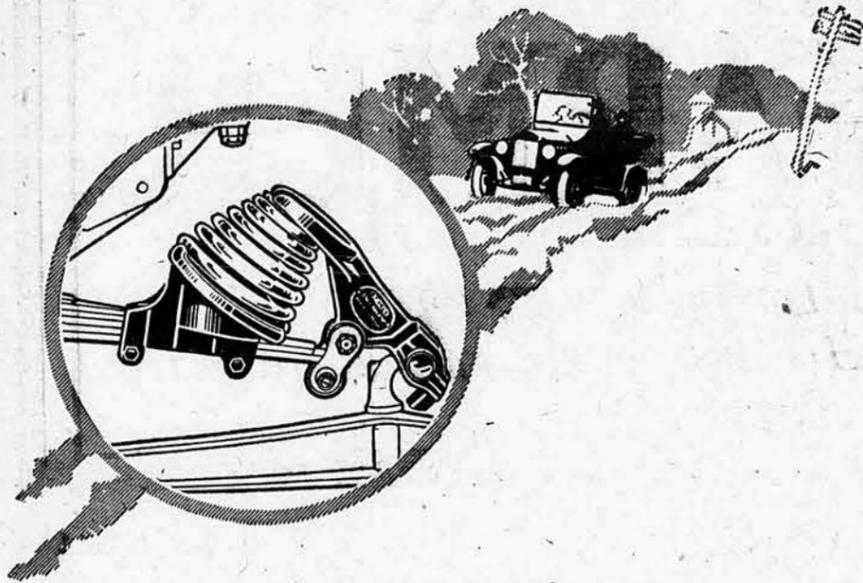


Volume 60

April 8, 1922

Number 14





Are you paying a Bad Roads Tax?

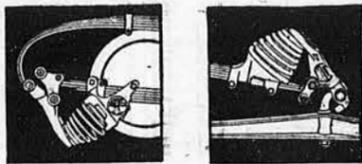
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Becoming Farmer-Minded

Wichita Rotarians Entertain Country Friends at Dinner and Get Acquainted With Rural Problems

WICHITA is becoming "farmer-minded." When 288 farmers, most of them members of the Sedgwick county farm bureau, accept the invitations of 215 Wichita Rotarians and all eat and sing and laugh and talk together, they lay the foundation for planning and working and acting together as they never have done before. That's what they did in the Forum on the evening of March 27. And the Rotarians accepted with a shout the invitation of the farmers to come and bring their families along to an old-fashioned country picnic so soon as the weather gets right.

One outstanding result of this Rotary-Farm Bureau dinner is a realization by all that the members of the Kansas State Farm Bureau and other farmers' organizations have the same high purposes and are working to attain the same ends as the members of the various civic organizations of the cities, of which Rotary is a fine example. And perhaps, from this may come a better understanding of some agricultural and business jobs which need to be done to maintain farming and business in Sedgwick county on a more stable basis.

Kansas Corn Acreage Too Large

"You have the habit here in Kansas," said John Fields, editor of the Oklahoma Farmer, speaking to the Rotarians and their guests, "of not permitting any Kansan to use agricultural statistics in any other than a complimentary manner. But I wonder why you continue planting such big acreages to corn when your own reports show that if corn had produced as big an acre-return as kafir did in your county in 1919 and 1920, cash returns from farming in Sedgwick county would have been \$910,596 more. I can't understand why your state is always boasting about corn when your reports show that if the acre-value of your corn had equaled that of kafir in 1917 and 1918, your crop values would have been increased 164½ million dollars.

"It is unmistakable evidence of the agricultural greatness of your state and of your county when you can continue doing things like this and prosper as you have prospered. I'm wondering, when Europe and Asia get straightened out, if your wheat farmers can continue competing with the peasants of Russia and get by, with soils impoverished by decades of exclusive wheat farming."

Touching upon the evident disposition of farmers to let it be known when they are not satisfied with prices, Mr. Fields said that it is their method of advertising. "And that their advertising has not been ineffective is indicated by the marked increases in prices of crops and livestock since last December. For Kansas alone, based on crops and livestock on farms on March 1, this increase amounts to more than 47 million dollars."

Co-operative Organizations Legalized

"Thru the leadership of the American Farm Bureau Federation, co-operating with all other national farmers' organizations, more in the way of legislation which gives farmers a chance to do business has been enacted by Congress within the last year than in all the rest of the period of existence of our Government. Farmers do not seek special privileges. In the Capper-Volstead act, legalizing farmers' co-operative associations, farmers accepted without question supervision of just the kind which organized big business refuses to accept.

"The men in business who oppose legislation which gives farmers permission to form organizations so that they may handle the farming business more effectively is just as far wrong as farmers who go to the other extreme and wish to become wards of the Government. All that farmers ask for is legislation which will, as President Harding put it when speaking to the National Agricultural Conference, 'give farmers a chance' to do business for themselves, with facilities for financing and marketing fitted to their requirements as existing institutions and methods are adapted to commercial requirements."

At the luncheon of the Wichita

Board of Commerce on March 28, the importance of agriculture to all business was again stressed by Mr. Fields. "Those who control credits in farming communities set the agricultural fashions, and exert greater actual influence than all educational agencies combined. The cotton-growing South is coming to understand this fact and bankers and merchants realize their share of responsibility for the agricultural collapse which came from low prices and short yields of cotton. They propose that hereafter, the land shall produce the milk and butter, ham and eggs, and poultry for the persons who live on it and grow cotton. And they intend that feed for the work stock and for the family-feeding livestock shall be produced first, and cotton next.

"You need to give thought to the same problem in wheat-growing Kansas. There's something very much the matter when more than 35 per cent of the farms in Kansas have no milk cows and more than 25 per cent of them have no hogs at all. The finish of the farmer who does nothing but raise wheat will be about the same as that of the tenant cotton farmer who had been on the same farm 14 years and made a good crop every year. When it was suggested that he must be pretty well fixed, he replied, 'No, I aint ahead nothin' but the growth of my children'. And that growth was rather meager, because there was no cow, and the children had no milk."

More Cows and Hogs Needed

More than mere talk about farming and business is going on in Wichita. A new million dollar high school, on 25 acres, will have a 25-acre farm for vocational training in agriculture. There will be a home for the teacher of agriculture, a dairy, and poultry plant and a garden with provision for supplementary irrigation. The cows and chickens and garden will have a very definite job of keeping the high school cafeteria supplied with milk and eggs and vegetables.

The Sedgwick County Farm Bureau with its 700 members is fortunate having a county agent who seeks to serve all of the people of the county by helping farmers help themselves. The pooling of two carloads of wheat and getting a fair price for it prevented the demoralization of the sheep business in the county. Co-operation with the U. S. Department of Agriculture, the last thousand acres of prairie dog towns are becoming prairie cemeteries. The county poor farm is being developed into an old folks home, with a herd of registered dairy cattle, to which farm bureau officers intend to give special attention. That the county commissioners may be helped in developing it along agricultural lines.

Plans are being made for the opening of the Wichita Wheat Show to make it more fully representative of the agriculture of Wichita's great trade territory in Southern Kansas, Northern Oklahoma, and Texas Panhandle. No other city has better facilities than Wichita for enterprises of this kind. Its Forum is easily adaptable to every purpose—a great trade show, a big livestock show and any kind of a banquet for all who come to be fed, even grand opera month; all are satisfactorily served.

After 40 years during which city building absorbed a large share of thought and activities of Wichita, Queen City of the Prairies is assuming its full responsibility. In working to build the farms which it serves, Wichita will find city-building easier and vastly more satisfying than in old days when city interest stopped very definitely at the city limits.

Our Best Three Offers

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

There are 171 colleges and universities in the United States and Canada offering courses in journalism.

KANSAS FARMER and MAIL & BREEZE

April 8, 1922

By *Arthur Capper*

Vol. 60 No. 14



A Good Bull Saved the Day

Ira Romig Would Not Have Stuck to Dairying and Made a Success Had Not a Purebred Sire Demonstrated His Ability to Improve Grade Herds

By Ray Yarnell

A BULL put Ira Romig into the dairy business—and eventually landed him in the purebred game. Accident figured largely in the situation. Until he was 40 years old Mr. Romig had been growing wheat. He knew little about dairy cattle and wasn't interested in them.

Then the family moved to a farm on the edge of Topeka so the children could be given better educational opportunities and Romig began milking cows. His herd was rather unique. It consisted of cows of all breeds and mixtures but it was representative of the times 15 years ago.

Romig needed a bull. Better sire campaigns were unheard of then and he didn't know how to pick a good bull. That is where accident came into the deal. Romig heard that Jones and Hughes had a Holstein bull for sale. The animal could not be used with that herd any longer and he got him for \$100.

What a Good Bull Taught Him

Not until the first crop of heifers came into production did Romig realize that the \$100 he paid for that bull was one of the best investments he ever made. The daughters were greatly superior to their dams as milk cows and the improvement convinced Romig that money could be made out of dairying by proper breeding for production.

The road was hard to travel and it was a struggle to make ends meet. Finally Romig decided to sell out. Prices he got at the sale were so much higher than commonly prevailed that Romig figured he made a mistake in getting out of the dairy business so he got back in. A few years later he sold out again. Then he went up North and bought a carload of good grades and sold them. He did that several times before he began building up his third dairy herd and it helped him finance his operations.

All this time Romig had been learning the fundamentals of breeding and the development of dairy cattle. He stuck to Holsteins because of their big production. He used purebred bulls and grade cows. Eight years ago the first purebred cow joined the herd.

Having learned the business with grades, mixing in a purebred now and then, Romig two years ago put his herd on a 100 per cent registered basis. He took his sons into partnership, giving them one cow apiece. All the grades were sold.

Today Romig has 52 head of purebred Holsteins, including some exceptionally good individuals. There is

Mercedes Julip Walker 2nd, who, as a junior 3-year-old made 23.5 pounds of butter in seven days and in a 365 day test made 19,763 pounds of milk and 975 pounds of butter. Inara Korndyke Segis is another top cow. As a senior 2-year-old she produced 11,200 pounds of milk and 585 pounds of butter in 305 days and as a senior 3 year old made a 7 day record of 430 pounds of milk and 25.48 pounds of butter.

In 1921 the income from milk alone on the Romig farm was \$6,000. Surplus stock sold brought \$2,000. And in addition there was the increase in the herd which was retained—the heifer calves. Cows are the only source of income. They pay the way for the family and are building up the farm.

From a wheat farmer Romig has become one of the well known Holstein breeders of Kansas. His ambition is to build up one of the best herds in the state. While his chief interest will be in breeding, Romig is developing the dairy end of the business. He is now preparing to go into the retail milk game and is equipping the farm to produce a specialized product that will conform to the requirements for certified milk. A new milk house is being built and will be equipped with the best machinery for handling milk in a sanitary way. At present the produc-

tion of the herd is being wholesaled.

A silo out of the first carload of silos shipped into Shawnee county was erected on the Romig farm 14 years ago. Now there are two with a total capacity of 360 tons. Nothing but corn is used for silage. On bottom land Romig gets from 15 to 20 tons to the acre. Last year he filled the two silos from 26 acres. Hildreth Yellow Dent is grown because of its heavy yield in foliage, fodder and grain. One hundred bushel corn has been put into the silos. Usually it is cut when in a good dent stage altho Romig has found little difference in its value when forced to wait longer before cutting, necessitating the use of water.

There is just one way to get heavy production, Mr. Romig says, and that is to pour grain into the cows. He doesn't think much of pasture. In the summer his cows go on grass no longer than 3 hours a day and they get no pasture in the winter. They are fed hay, silage and grain.

The Romig cows get all the alfalfa they will clean up. The average feeding of silage is 25 pounds to the cow daily. The grain ration is made up of 4 parts of corn, ground cob and all, 2 parts of whole-oats, 3 parts of bran and 1 part of oilmeal. This is fed in the proportion of 1 pound of the mix-

ture to every 3 pounds of milk produced by the cow.

Heifers and dry cows are grained along with producers, never getting less than 4 or 5 pounds apiece. They gradually are put on full feed to build up their strength and fatten them before they freshen. That practice means better calves and more thrifty cows.

Silage is fed except during July and August. It would be used the year around except that both silos are so large that the cows cannot consume an entire layer in a day and in the hot summer months the remainder spoils before the next feeding time.

Romig cattle get lots of fresh air. They are kept in open sheds in the feed lots thruout the year except during bad winter storms. Young cattle, under 1½ years old, are kept in a separate yard and are fed from racks. The older cows and heifers are fed always in the barn.

How One Cow Made Money

Money can be made out of high priced cows if they are handled in the right way. Two years ago Romig paid \$1,500 for Hengerveld Burke Queen. A few days later she gave birth to a heifer calf. Queen ate \$267 worth of feed in the next 10 months but she produced 18,500 pounds of milk which sold for \$679, leaving a profit of \$412 above cost of feed in addition to the heifer calf. She raised another heifer calf in 1921 and up to late in March this year had produced 19,000 pounds of milk and 750 pounds of butter. The herd sire is Brainardhurst King Konigen Segis, a son of King Segis Pontiac Konigen.

Stall room in the Romig barn accommodates 44 head and there are three box stalls used by cows on test. The barn is cement floored, has steel stanchions and individual drinking cups for every cow. The loft will hold 105 tons of hay.

The farm contains 160 acres. Alfalfa is grown on 40 acres, with an annual production of around 150 tons. Fifty acres are planted to corn, 20 acres to oats and the remainder is used for pasture and feed lots.

The farm is operated as a partnership which consists of Mr. Romig and his two sons, Robert and Glenn. The boys, who are expert milkers, handle the cows, milking those on test four times a day. Each boy has rounded up 14 test cows, brought them into the barn, cleaned and milked them in 1 hour and 20 minutes at the midnight milking. Both are proud of their speed. Both are interested in the business.



Inara Korndyke Segis, one of Romig's top cows, and the large well-equipped dairy barn in which his purebred herd is housed

Pictures Sell His Calves

GOOD selling methods make for success in farming just the same as in the retail field. That is especially true in the live-stock breeding business when the herd has been developed to a point where there is surplus stock to dispose of every year.

Selling a purebred calf is as important a part of the business as raising it. The breeder desires to get all his animal is worth and to do so he must find and sell the buyer who appreciates the animal's good points.

A calf can't be shown in a display window or kept in a store. The interested buyer must go to the farm to see him. He can obtain a detailed description in a letter from the breeder but after all it is difficult to judge a calf from a written description.

Ira Romig of Topeka, Holstein breeder, is using a plan that is getting results. It has enabled him to turn his bull calf crop quickly and to sell other animals he wished to dispose of.

Romig advertises in the farm and breed papers to get inquiries. He makes his copy distinctive, usually emphasizing one animal by briefly describing it and giving an idea of its breeding. He mentions that he has other animals for sale.

Such copy always has pulled. Mr. Romig says. When the inquiries arrive Mr. Romig is ready to answer them. He writes a detailed description of the calf or cow for sale, points out its strong points and tells something about its breeding.

But the thing that most often clinches the sale is not a part of the

letter altho it is enclosed in the envelope. It is a photograph of the animal. Often several photographs are enclosed, showing the sire and dam of the calf offered.

"I have been using photographs for two years in selling my surplus stock," said Mr. Romig, "and I have found them very successful. A photograph enables the prospective buyer to judge the worth of an animal almost as well as tho he had seen it, having the detailed description in the letter to aid him.

"Many buyers don't like to make an expensive trip to see a calf and if they have a photograph of the animal they can make a decision without it. Of course the calves are sold under a guarantee that they are exactly as described so the buyer is safeguarded.

"We use a kodak to take the pictures but we frequently have enlargements made. The expense is not great and it pays because the use of photographs unquestionably speeds up sales. The quicker I can turn my surplus stock the more profitable is the transaction, because I save on feed."

A small kodak that takes pictures of postcard size or even smaller, if it is equipped with a good lens and a shutter which will permit of snapshots being taken, will serve the purpose. It is not costly and can be obtained from nearly any drug store. Prints may be made from the developed films at home or a photographer will finish them for from 3 to 5 cents apiece. If enlargements are desired the cost, of course, will be somewhat greater, but it never should be excessive.

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Passing Comment—By T. A. McNeal

DO YOU think," asks a reader, "that the Volstead law will be repealed and the people be permitted to buy light wines and beer?" No. The law in all probability will be made more drastic instead of being repealed.

If the men originally engaged in the liquor business had been willing to be decent and law-abiding there would have been no prohibition amendments to either the state constitutions or to the Constitution of the United States.

But the saloon everywhere was allied with disorder and drunkenness. It was a corrupter of politics. It debased public and private morals. It was the handmaiden of crime. So public sentiment grew and crystallized against the liquor business. A great many people who at heart were not friendly to the principle of prohibition, on the ground that it interfered with natural individual rights, were compelled to take their choice between lining up with the forces of prohibition or with the forces of crime and disorder.

These people would not have objected to the moderate use of wines and beer but they saw that the liquor interests were not satisfied with that and therefore came the bone dry laws.

If the Volstead law were to be amended so as to permit the sale of light wines and beer it would mean the reopening of saloons all over the country, and the sales would not be confined to light wines and beer. All kinds of intoxicating liquors would be sold and all the evils of the open saloon would return.

The Girls are Smokers

ONE of my friends, R. A. Long, who is a millionaire lumber merchant of Kansas City, recently visited his daughter at Washington, D. C., and says that one day when his granddaughter who is 14 years old returned from a children's party she said "Mother, I and another little girl were the only ones at the party who did not smoke." This somewhat startles an old-fashioned man like myself.

I cannot say that it is any worse for girls to smoke than boys, or to use tobacco in any form, but it seems worse. Maybe it is merely a matter of custom and education. In some countries the children all smoke and such action causes no remark.

Medical men also differ somewhat as to the effect of tobacco on the human system, but they are practically unanimous in the opinion that the use of tobacco in any form is injurious to children. I am personally of the opinion that it is more or less injurious to any one and that it is especially injurious to children. The very fact that nature nearly always violently protests when an individual begins to use tobacco is convincing evidence that it is an injury.

You remember your first smoke, don't you? Were you really ever sicker in your life? Didn't you have a feeling that you had been a good deal of a fool?

Well, your conclusion was correct. You were and you proved it when you went at it again and stuck to it until nature gave it up and practically said: "Well, you fool, I have done my best to warn you; if you have no more sense go to it."

But this news that little girls who are 12 to 15 years old are smoking shocks me. It seems to me that they have lost the sweet innocence of childhood and that it is a mighty bad thing, not only for them individually but for the country.

Is There Something in This?

SO MANY farmers are complaining about hard times," writes a farmer's wife (and the farmer by the way is a renter) "and many are losing all they have. This is sad and it seems to me it could have been avoided. When we were getting big prices for farm products of all kinds, many farmers instead of paying their debts, just plunged deeper into debt; borrowed all the money their credit would stand for, bought high priced cars, player pianos, and got rid of the chores by selling the milk cows and hogs.

"Now this will sound as if I am knocking the farmer, but this is not the case. We are renters, paying cash rent. We don't owe anyone and have a bank balance that keeps us from worrying. We have three small children, none of whom are large enough to help."

It is undoubtedly true that this does apply to some farmers. It is human nature to spend money

freely that comes easily. Of course in a sense no money comes very easily on the farm, for even when prices are good the farmer who makes a success must be on the job and he must work hard, but when prices are good he does make a good deal of money and few persons are ready to get out of debt when prices are advancing. They think they see a chance to make money by borrowing and investing. It was this speculative tendency that caused land prices to advance beyond reason.

The farmers who kept out of debt have not been complaining a great deal and the farmer who is out of debt right now can make money in the farming business.

Defends Industrial Court

IN ANSWER to Mrs. E. L. Depue, Monmouth, Kan., I would like to ask her how any one knows that the Industrial Court law is not working well. The Bible says "Prove all things and hold fast to that which is good." We have not had time to test the Industrial Court law yet. Also, why should any class of people become embittered against the whole United States just because one state passed a law they do not like?

Who are the working people of the United States? The people who work 8 hours a day or the people who work 16 hours a day? the people who vote and levy taxes, or the people who pay the taxes?

Some people do not seem to realize how much trouble, hard feelings and heartache industrial strife has caused the common people of the United States during the last 40 years. We have been putting up with organized coercion that amounted to slavery until it became unendurable; therefore the Industrial Court law was enacted to find a remedy for the strife.

The fight against negro slavery that brought on the Civil War began in Kansas. I agree with Mrs. Depue in one thing and that is: "No slave law ever will satisfy the people of Kansas. I am a native Kansan, a patriotic American and belong to the working class, but I am not afraid to have a court that will investigate thoroly and speedily the causes of all this industrial strife, mob spirit, rioting and lawlessness. Let the truth come to the light. Mrs. E. A. Stoughton, Madison, Kan.

Emma Goldman on Russia

THE New York World is running a series of articles written by the noted anarchist, Emma Goldman, who was banished from this country in 1919 and sent to Russia in company with another noted anarchist, Alexander Berkman, who achieved his first notoriety by his nearly successful effort to murder Frick, of the Carnegie steel works. For this crime Berkman was sentenced to serve a prison sentence of 15 years. After his release he again became active in spreading anarchist propaganda in company with Emma Goldman and others. The deportation of both to Russia was the final outcome.

It was not very long after these two arrived in Russia that reports began to come back to this country that they were bitterly disappointed with the Bolshevist government and anxious to get out of that country. Miss Goldman was quoted as saying that she would rather live in prison in the United States than to be compelled to live in Russia under Bolshevist rule outside of prison.

Whether she did say this or not, her present articles being published in the World, paint a picture of the Bolshevist rule that would seem to justify the statement attributed to her.

She asserts that the Bolshevists under the rule of Lenine and Trotsky have killed the revolution. To use her own words: "The Bolsheviki are the Jesuit order of the Marxian Church. Not that they are insincere men or that their intentions are evil. It is their Marxism that has determined their policies and methods. The very means they have employed have destroyed the realization of their end. Communism, Socialism, equality, freedom—everything for which the Russian masses have endured such martyrdom—have become desecrated and besmirched by their tactics, by their Jesuitic motto that the end justifies the means.

"Cynicism and coarseness have taken the place of the idealist aspirations that characterized the October Revolution. All aspiration has been paralyzed; popular interest is dead; indifference and

apathy are dominant. It was the internal policies of the Bolshevist state that alienated the Russian people from the revolution and filled them with hatred of everything emanating from it."

These articles written by Emma Goldman are significant principally because they confirm the most of the other reports coming from that unhappy country. It does not destroy the force of her articles to denounce her or to say that if she had had the management of things in Russia, conditions would probably have been worse, if that is possible, than they are now. Of all political theories anarchy seems to me to be the worst, and if it were possible to put it into operation it would result in my opinion in the greatest possible harm, but the statements of Emma Goldman are nevertheless of value because it cannot be said of them that they are the statements of the capitalist order.

Emma most bitterly criticizes Lenine and Trotsky, more especially Lenine, because they are opportunists, ready to abandon a policy when convinced that it will not work. Now I do not think that is necessarily objectionable. If one finds out that a certain theory is unworkable the sensible thing to do is to abandon it and try something else. The objection to the Bolshevist government is that it has been cruel and tyrannical and seems to have adopted the most objectionable features of the old abominable regime of the Czar.

Methods of Checking Radicalism

IHAVE received a well written article on "Futile Methods of Checking Radicalism" by Frank Swancara of Denver, Colo. I would be glad to publish the entire article, but unfortunately my available space is limited. But I think there are ideas in the article that ought to be given publicity because they seem to me to be sensible.

"In almost any published report of the meeting of a bar association," says Mr. Swancara, "will be found an address on the 'Danger of Radicalism,' but," continues Mr. Swancara, "the results do not include any perceptible checking of the movement of movements carried on by radicals. Radicalism is on the increase. The speaker who complains of it today has more data and presents more alarming evidence than the one who treated the subject a year ago."

Mr. Swancara concludes therefore that what has been accomplished by these addresses is, not to retard radicalism but to accelerate its progress. What is the trouble?

Mr. Swancara's opinion is that the reason these addresses do more harm than good is because they deal generally in vituperation and abuse. They are generally addressed to men who agree with the speaker in their opinions about radicalism and applaud his denunciation of radicalism and the radical; then they forget about it, but the radical propagandists see the speech in print and immediately make it subservient their own purpose.

They point to the vituperation and slander often contained in the speech and say to their followers, "This is the argument advanced by the other side. And of course the followers are neither enlightened nor convinced by the argument.

"A 'powerful speaker' bearing the title 'Revolution' recently lectured on the radical peril before a political organization. He advocated the drawing or something like that, of all persons coming to our shores who happen to be Socialists or Communists, of which he said 'there are 57 varieties.' He had too much 'brotherly love' for the foreigners, from whence such people came to recommend sending them back. He would be merciful toward the countries across the sea and therefore advised shipping Socialists away 'in a ship of stone with hell as its only port.'

"He had just finished declaiming on the horrible circumstance of Lenine of Russia having 'a rifle in his hand.' Lenine evidently would give a bullet to those not agreeing with him, but the preacher goes Lenine one better and would consign his adversaries however peaceful and law-abiding they might be to 'hell' if they happened to have any radical opinions. How many Socialists will be influenced to change their views as a result of that speech? The 'powerful speaker' was aggravating the disease he was professing to cure.

"There are better ways of checking radicalism," concludes Mr. Swancara. "When radicalism is discussed before any audience it should be done in a manner that would enlighten and not offend any

low brow' who might happen to be present." Mr. Swancara is right. I never have known the opinion of any man to be changed by abuse, but I have known opinions to be changed by calm, temperate and kindly argument.

Of course it may be said that radical orators are as intemperate and abusive as the "Reverend" referred to by Mr. Swancara. They also are talking for the purpose of inflaming their hearers, perhaps driving them to violence; but that affords no excuse for intemperate speech on the part of the supposed defenders of law and order. Indeed, the very fact that they claim to be the defenders of law and order and the foes of radicalism is the greatest reason why they should always refrain from radical and intemperate statements.

At best we are walking in an imperfect light. Not one of us is entirely certain of the right road. We may think we are but we do not know. With a sense of the limitations of our knowledge we certainly should be filled with a great charity and toleration for the opinions and mistakes of our fellow men. "Come, let us reason together" was spoken thousands of years ago, but it is as sound advice now as when it was written.

What the Miner Earns

THE following interesting letter from a practical miner and evidently a man of intelligence I think worth considering. The writer, William Hamaker, lives at Arcadia. In his letter he says:

"After reading your comment on the threatened coal strike I was moved to give you an itemized account of what my boy, William E. Hamaker and myself made clear of expenses.

"We worked practically every day the mine was operated. I will further say that I am an average miner, 50 years old.

My son, William E. Hamaker is 20 years old and is above the average as a miner. The time covered is from January 1 to September 28, 1921.

William Hamaker, days worked.....	103
Total wages earned.....	\$ 835.51
Necessary expenses.....	179.14
Net wages.....	\$ 656.37

William E. Hamaker, days worked.....	121
Wages earned.....	\$1,051.24
Necessary expenses.....	141.66
Net wages received.....	\$ 909.58

"During the time I worked I made less than \$3.50 a day.

"My boy made about \$7.35 a day during the time he worked, but counting 25 days to the month I made less than \$3.30 a day and my boy made about \$4.40 a day.

"This is what I think should be done. Uncle Sam should first find out what it takes to keep a family by making an investigation of the cost of food and other necessities of life where the miner lives and where he is compelled to buy, then set a wage according to this cost of living and treat everybody interested alike. Cut out the profiteer and compel him to sell at a reasonable profit.

"If this were done I do not think the consumer would have to pay \$10 and \$12 a ton for coal which the miner mines at \$1.25 a ton. Last winter coal sold in Girard at \$9.80 a ton within a stone's throw of the mine."

I thank Mr. Hamaker for this information. Evidently the bane of the coal mining business is the irregularity of the employment and the excessive cost to the consumer. Whether this can be cured by Government regulation as Mr. Hamaker suggests I do not know, but evidently a cure is needed. I might say in this connection that Mr. Hamaker is strongly opposed to the Industrial Court law.

Farmers' Service Corner

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

About Cutting Troublesome Dikes

A and B own adjoining farms. There is low land in both farms but the land is lower on B's than on A's. There is a public road thru this low land. B has put up a dike backing the water over the road and over 8 acres of A's land. Can B be compelled to cut this dike by the township board or by A? F. W.

I am of the opinion that it is within the power of the township board under the direction of the county engineer to cut this dike. And in any event by making this dike B backs the water up on A's land. A would be entitled to damages.

How to Obtain Patents

What procedure is necessary in order to obtain a patent? E. N.

Patents are granted for a term of 17 years. Application for a patent must be made in writing to the United States Commissioner of Patents, Washington, D. C. The applicant must also file in the patent office a written description of the invention or discovery and of the manner and process of making, constructing, or compounding, and using it in such full, clear, concise, and exact terms as to enable any persons skilled in the art or science to which it appertains or with which it is most nearly connected, to make, construct, compound, and use the same; and in case of a machine, he must explain the principle thereof, and the best mode in which he has contemplated applying that

principle, so as to distinguish it from other inventions and particularly point out and distinctly claim the part, improvement, or combination which he claims as his invention or discovery. The specification and claim must be signed by the inventor and attested by two witnesses.

When the nature of the case admits of drawings, the applicant must provide a drawing of the required size, signed by the inventor or his attorney and attested by two witnesses. The applicant, if required by the patent office, must provide a model of convenient size to exhibit advantageously the several parts of his invention or discovery, but a model must not be sent unless first called for by the patent office.

The applicant must make oath that he believes himself to be the original and first inventor or discoverer of his invention. He must distinctly state that the invention has not been patented to himself or to others with his knowledge or consent in this or any foreign country for more than two years prior to his application.

On filing the application for a patent the applicant must advance \$15 and in case a patent is issued he must pay \$20 additional.

Settling an Estate

A and B die leaving a will in which they bequeath all their estate to their only heir, a son. Is a former brother-in-law whose wife and infant child died 25 years ago entitled to any of this estate? E. C. H.

No, he would not be entitled to any of it.

Various Questions

A man lives on an island. The section line just crosses the foot of the island. Can he go across the water and section line and hold the land when he does not pay taxes on it? He has a fence on it. The other fellow has a house, hen house, and hog pen. I am interested in it and would like to know. L. B. T.

I am not certain that I understand this question. The man would have no right to go beyond the boundaries of his own land and take possession of land which he did not own no matter whether this land is on an island or not. Of course, if this point of the island is not owned by anyone, in other words if it is public land, he would have the same right to use it that anyone else would have and might use it until such time as it was taken up by some other person.

Who Pays for the Wood?

A had wood to sell. B told C to have A call him (B) over the phone. A called B up. B asked the price of a cord of wood. A told him \$10 delivered. B said he would let A know. He called A up in the morning on Saturday and C answered the phone. B said he wished to have the wood brought to him that Saturday or the next Monday. A went to extra expense to get the wood ready to deliver on the coming Monday. B called up over the phone on Monday morning and said he could not take the wood. C answered the phone and told A that B could not take the wood. A had driven 4 miles and brought a man to help him deliver the wood. We went to B's house to see him. B was not at home. A asked B's wife why they did not take the wood. She said they bought wood cheaper. Can A make B take the wood and collect the \$10? M. D. B.

It is a close question but I am of the opinion that it was a valid contract and can be enforced.

Nation's Forests Must be Saved

I AM RELUCTANTLY compelled to believe that a timber shortage from which there will be no escape will afflict the United States in about 25 years. But long before that time arrives we shall begin to suffer from it exceedingly.

Our 882 million acres of virgin forests have dwindled to 137 million in the United States, and the remnant is mostly on the Pacific Coast. Three-fifths of all our timber is gone already, and we are cutting the remainder four times as fast as timber can grow.

It takes more than 50 years to grow saw-timber, the foresters say, and as none was planted 50 years ago there will soon be comparatively none to cut.

We are facing a growing shortage of wood. Mexico already imports lumber. So does most of Europe. By cutting down all her trees Canada could only supply our needs for 20 years. But Canada already is wisely restricting its timber output. The tropics can give us only very heavy, very hard and very expensive woods.

Despite all danger signs, we are going right along using about 300 board feet of lumber per capita a year as if we had an inexhaustible supply.

Edward Richards, forestry expert, embodies most of these statistics in a meaty article on the timber situation in The Nation of March 15. The cold truth, as he presents it, is that we must reforest more than 300 million acres of cut-over timber lands unsuited for farming—a gigantic task—or get ready to do without wood, if we can.

This would be equivalent to reforesting four times the combined total forest areas of France, Holland, Germany, Belgium, Switzerland, Portugal, Spain and Denmark. This would be some job, even for 100 million people.

We have come to this pass in 100 years because the American lumberman until recently has been permitted to strip the forests as fast as his power machinery and his lumber camps could be made to do it. Forest fires have done the rest.

What makes these unpleasant, if not ominous truths, of special moment just now are the bills before Congress which threaten the national forest policy and the whole conservation program.

One bill provides for transferring the Forest Service from the Department of Agriculture—where Roosevelt put it—into the hands of the Interior Department. This would make Secretary Fall the administrator of 156 million acres of rich mineral and timber lands with large powers over their disposition.

The other bill turns over the Alaskan forests, fisheries, game and waterpower to a commission from which there can be no appeal, and whose members can only be removed by the President for malfeasance in office. Ninety-eight per cent of the land in Alaska is national property. Alaska seems to be the prize most sought after.

I do not question the good intentions of Secretary Fall, who would "open up" Alaska and who would for a time be in virtual charge of our now priceless timber lands, then be followed by various successors who might not always guard the best interests of the Nation. That is why I am opposed to such a system. It makes it too easy, it seems to me, for exploiters to creep in. Here in Washington there is a feeling that big interests are trying to take the forests away from the Department of Agriculture, where Roosevelt put them because he believed that was the safest place for them. Roosevelt considered his conservation policy, which has since been fairly well followed, the great achievement of his life, and the country has had no reason to doubt it.

After his tour of Alaska, General Leonard Wood, whose ability as an administrator is generally conceded, declared the Forest Service one of the most efficient branches of our Government. That shows plainly enough that the service is in good hands where it is—most competent, most trustworthy, most efficient hands. I can see no valid reason for transferring the service to the Department of the Interior, but many, and most important reasons against such a transfer. Certainly we should not make it any easier for the Guggenheims, let us say, to exploit the natural resources of this country.

Personally, I am opposed to this transfer and believe every member of the farm bloc will oppose it, regardless of what recommendation is made, and there will be a real fight on it just as soon as the Guggenheims start their program.

That Alaska as a territory has not made more progress, is due largely to what amounts to a monopoly of its fisheries, and credit and of the steamer and rail facilities leading to that country, by a group of men whose stranglehold upon these resources needs to be broken rather than encouraged.

Besides the pending legislation for the transfer of the Forest Service from the Department of Agriculture, a non-political department, to the Interior Department, the transfer also is recommended in the Department Reorganization Bill. Somebody apparently is taking great interest in this move, and that somebody is not the general public, whose interests are paramount.

The United States Forester says in his annual report, "there is no more reason why a separate and different system should be set up for dealing with the public forests of Alaska than there is for setting up such a system in every state." That is sound doctrine, it seems to me.

The farm bloc is a unit for keeping the Forest Service where it rightly belongs—with the department that has made this the greatest fruit-growing country in the world and which is better equipped and can do more to carry out a scheme of reforestation than any other department.

Such a scheme, which at the same time puts a check on forest devastation, is before Congress. I introduced the bill more than a year ago. In The Nation's article previously referred to, the forestry expert, Mr. Richards, has this to say of its provisions:

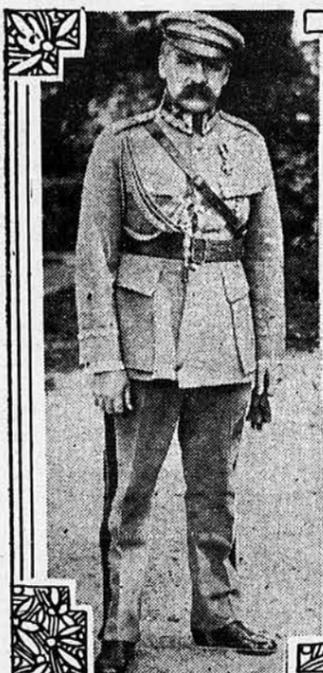
The Capper bill, S-1135, authorizes and empowers the Secretary of Agriculture to find out what needs to be done in each forest region of the United States and then to see that it is done. Enforcement is to be by taxation, as in the case of the oleomargarine law. A tax of 5 cents a thousand board feet is imposed on all lumber cut in the way directed by the Federal Government and \$5 a thousand board feet if these regulations are not observed. Control is unified and a single broad policy for the whole country and every section of it can be followed. Probably most foresters agree that this would be the ideal plan.

Mr. Richards goes on to say that two things are sure. One is that some sort of law to control, direct, and properly conserve our vanishing forests is absolutely necessary and is of vital importance to every individual in America. The other is that any such law to be adequate must have teeth in it, and must be national in its scope, control and administration.

I can see no hope of these things being done if the forests are taken away from the fostering care of the Department of Agriculture where Roosevelt's far-sighted wisdom placed them. As Roosevelt loved the forests with more than an Indian's affection, and created many forest reservations, no one may doubt his single-hearted devotion to the policy of their preservation any more than he may doubt the urgent necessity for it.

Arthur Capper
Washington, D. C.

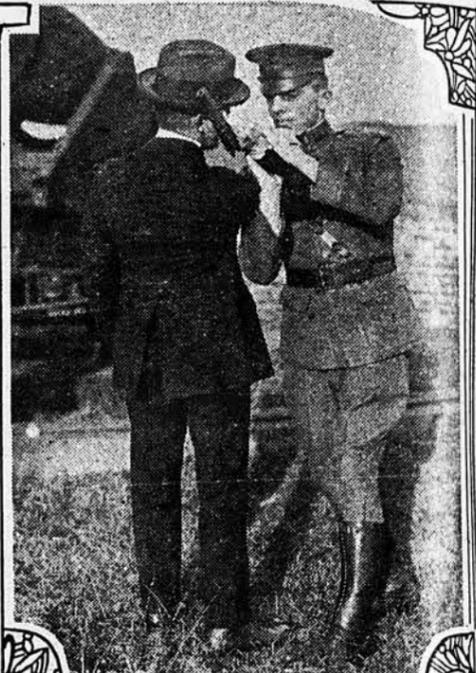
News of the World in Pictures



Marshal Pilsudski, President of the Polish Republic; the Resignations of the Members of the Polish Cabinet Have Just Been Received by Him.



Alice Duryea, Little Near East Waif With Grandchildren of Ex-Ambassador Morgenthau and Mrs. Henry Morgenthau; She is the Heroine of the Moving Picture, "Alice in Hungerland." This is the Official Near East Relief Movie; About 25,000 Children Will Starve Unless American People Send Them Aid; Mrs. Morgenthau is a Member of the Women's Emergency Relief Committee.



Lieutenant J. V. Dominey Showing How Easy It is to Cope With the Hold-up Man Who Points a Revolver at You; the Government Has Offered to Teach New York Bank Folk How to Shoot as Protection Against Bank Bandits; Lieutenant Dominey is a Member of the U. S. 22nd. Infantry.



Lady Rhondda, First Woman to Sit in the House of Lords and Vote Since the Days of the Normans; She Takes the Place Made Vacant by the Death of Her Father; the Crown Did Not Oppose Her Claim.



Miss Katherine Thompson, Daughter of Mr. and Mrs. Henry B. Thompson of Wilmington, Del.; Her Parents Have Just Announced Her Engagement to Lieutenant Osborn C. Wood; He is the Second Son of General Leonard Wood; Miss Thompson is now Visiting Miss Louise Wood in Manila, Sister of Her Fiance; the Wedding Will Take Place at an Early Date, It is Said.



The First Wireless College Faculty in the World; This is the Distinction of Tufts College in Massachusetts; About 13 Members of the Faculty Will Give Lectures on Their Special Subjects by Wireless Method; They Will Use the Wireless Radio of the American Radio and Research Corporation-Plant.



J. Willard Greene, a Policeman of Washington, D. C., Who Has a Record for Thrift; He Saved His Money and Invested It Wisely and is Now Worth \$200,000; As Sergeant of the Police Force His Salary was Only \$160 a Month.



Henry Ford Puts on the Radiophone Receivers at Atlanta, Ga.; Maybe Henry is Thinking of Installing Them on His Flivvers; He is Strong on the Radio Stuff and Will Use It Whenever Possible.



Lawrence Sperry Arrives in Washington With His Sport Messenger Airplane; He Flew From Garden City, Long Island, N. Y., to the Capital in Record Time; This Airplane has a Span of 21 Feet Across the Wings and Measures 20 Feet and 6 Inches From Nose to Tail; It is 17 Feet in Height and is Very Easy to Guide and Manipulate.



Scene From Passion Play at Los Angeles, Calif.; It Will Run Thru the Coming Summer in an Outdoor California Amphitheatre and Will be Largely Attended.

A Guarantee of Dividends

Fertility, Stored Up in the Soil by Proper Crop Rotation and Livestock is a Surplus Fund That Will Fatten Up the Incomes in Lean Years

By George J. Woods

I OFTEN have thought that the average Kansas farmer overlooks an opportunity he has for accumulating profits in the building up of his soil and the improvement of his livestock. In the future farm land will be valued by its producing power. Two farms side by side originally of similar producing ability will sell in the future at a wide difference in price because one has been brought to a high state of production and the other has been depleted. This is in fact one of the easiest methods of accumulating value and should be considered now with greater seriousness than ever before because as we all recognize there isn't any cheap, unoccupied land of any consequence available any more.

Improvement of Land Essential

The farmer must look to improvement of the acres which he now owns for his future competence and as time goes on this situation will be emphasized. I foresee the day when farms on which the fertility has been conserved and increased will reach a high valuation. On the other hand depleted farms can only have an indifferent value. The easiest and surest method for retaining and increasing this fertility is livestock and if good livestock, there is then the income from the sale of the surplus that will see the producer thru; enable him to meet his interest payments, and reduce his obligations, or if he is fortunate enough not to be in debt, to accumulate money for future investment.

Personally I always have looked with favor on the growing of hogs along with cattle and, on many farms, a reasonable number of sheep. It al-

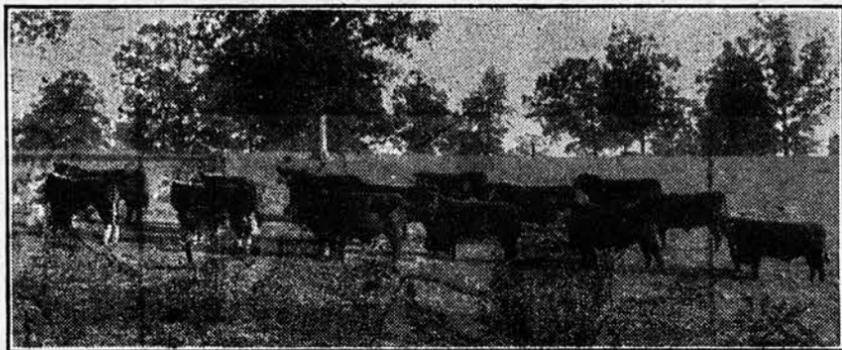
ways has seemed to me that there were more regular profits by a combination of this kind. I understand that there are some advantages where purebred cattle are grown in having the farm fully stocked with them. That is a matter to be gauged by the individual producer. In studying the purebred cattle breeding situation it has seemed to me that those breeders who disposed of their surplus at moderate values generally had more profits to show after a few years' operations than those who demanded high prices for their surplus. Boom prices are all right under certain restricted conditions but if they prevail generally the period of prosperous selling must be of limited duration. This is a business principle and applies to any line. Like the World War it is absolutely abnormal.

I am firm in my conviction that we are moving toward prosperous times but I do not wish to see these times become so abnormally prosperous as to lead us quickly to a decline. I hope for a period of reasonably active demand that will assure a fair degree of profits and continue for a long period. One thing is certain. We need not expect any return of high prices for the grain and forage crops that grow on our farms. We haven't any promise of attractive profits there. We are forced virtually to the business of mixed husbandry, diversified farming. It is fortunate that we are because this will assure the maintenance of soil fertility which is one of the fundamentals in continuous thrift among the farming population.

We are to be congratulated because the necessity of maintaining the industry of agriculture as essential to the business life of the country has had acknowledgment. Until comparatively recently we never have had this acknowledgment to the same extent we have it now from the financial and lawmaking bodies. Agriculture is better grounded than it ever was before and I believe there is more practical intelligence among farmers as a class and a more general application of business principles.

Stronger Co-operative Spirit Now
One of the evidences of actual progress in my judgment is that a more workable relation between farmers and stockgrowers and the several lines of business with which they have contact exists. There is more co-operative spirit than existed in pre-war days. I regard the increasing numbers of purebred herds or grade herds of high standards as one of the most encouraging signs pointing to future prosperity among the farming element. As the farmers who are now grain growers or who have had their farms stocked with indifferent types of farm animals increase their patronage of these better herds there will be a continuous advance in the right direction.

I see in the immediate future an approach to better conditions in agriculture and I recognize that the present attitude of the stockgrowers is a real factor in speeding this approach. Let me emphasize—good lands operated under a system that will conserve the fertility, stocked by herds naturally thrifty and productive of milk and beef under business-like management, offer the greatest assurance of prosperity.



Quality Livestock is Required in Building Up the Most Prosperous Methods on the Farms of Kansas and the Nearby States

Railroad Sells Prosperity

Santa Fe Aids Thousands of Farmers in Making More Money by Talking and Proving the Value of Diversified Cropping and Better Livestock

By James H. Cloture

A RAILROAD is selling diversified farming, co-operation, improved cropping systems, and the idea of adaptation of varieties to climatic and soil conditions of various localities, to thousands of Kansas farmers.

For years it has been carrying on this campaign, quietly but effectively, gradually enlarging its effort. In all its land development work the Atchison, Topeka and Santa Fe Railway Company has emphasized diversification, the raising of more livestock along with crops as a means of helping maintain the fertility of the soil.

The Atchison, Topeka and Santa Fe Railway Company is not a philanthropic organization. This company is not conducting this campaign for the fun of it or from the desire to give something for nothing. For every dollar expended in this work the railroad will get many dollars back. And that is as it should be.

The company knows that the farmer who diversifies his effort, who raises livestock and poultry, who keeps a cow and a sow and some hens on the farm, and grows the proper crops to feed and finish them, will make more money, year in and year out, than the farmer who gives most of his attention to one crop. They know he will prosper and his prosperity means more business for the railroad, both in hauling his crops or livestock to market and in bringing in the merchandise he will buy with the money he makes.

Experience has taught the Atchison, Topeka and Santa Fe Railway Company that farming sections which are most prosperous are those in which the cow and the sow and the hen are well established. Well tilled farms, where crops are adapted to the soil and climate, where fertility is maintained by a good system of crop rotation and by the constant use of manure, where cows and sows and hens make their annual contribution to the family in-

come—those are the farms which make business for the railroads.

Such farms can be depended on year after year. Their earning ability is not paralyzed if one crop fails. That system of farming is safe and the community in which the majority of farms are of that class always is a wealthy community. Perhaps, it never is like the big wheat counties where it frequently happens that one year all the farmers are wealthy because of a big crop and good prices and the next year they are poor because the wheat winter-killed, a dry spell cut the yield or the bottom dropped out of the market for the only crop the farmers there produced.

Thruout Kansas the Santa Fe every day is carrying on its campaign for diversified farming, and its purpose is to make every farmer in its territory more prosperous. It wants them to become wealthier because the more well-to-do they are the more business the railway legitimately can expect and will get.

Particularly in its development work, opening up new territory, has the Atch-

ison, Topeka and Santa Fe Railroad Company been able to accomplish big results. In Southwest-Kansas, where branch lines were built in recent years, and land opened up to settlers, the policy of the road has been to sell to the farmer along with the land it disposed of, the idea that diversified effort means safety in farming and constant, if not sensational, accumulation of wealth.

At the same time it has sought to demonstrate to every buyer of land that the state agricultural college and the county agents can and will help him make more money out of his farm if he will follow their advice. The railway feels that the county agent, who has studied conditions in his territory, and is trained to judge, can best advise the farmer who is new to that section, as to what crops he should grow and as to the livestock he should raise.

The railway tries to get every new settler acquainted with the county agent or in touch with the agricultural college. It goes to these farmers personally and sells them on the idea. It

demonstrates the value of the cow and the sow and the hen. It is an earnest champion of better sires and is an enemy of the scrubs—whether they are animals or seeds. It stands for efficient equipment, both as to houses, barns and machinery, because all those help the farmer make more money off the land.

Demonstration trains have been operated over its lines by the Atchison, Topeka and Santa Fe Railway Company for many years. These trains have brought agricultural experts into various communities, have carried the message of improved farming methods and have shown in a concrete way that the experts talk facts which can be substantiated.

In the Elkhart branch territory, the company made a study of this locality as to the best crops adapted to conditions there and as to the system of farming which offered the best prospects for success. Then it brought in settlers and sold the land on the condition that the buyers would operate it along the lines suggested by the railway for at least three years.

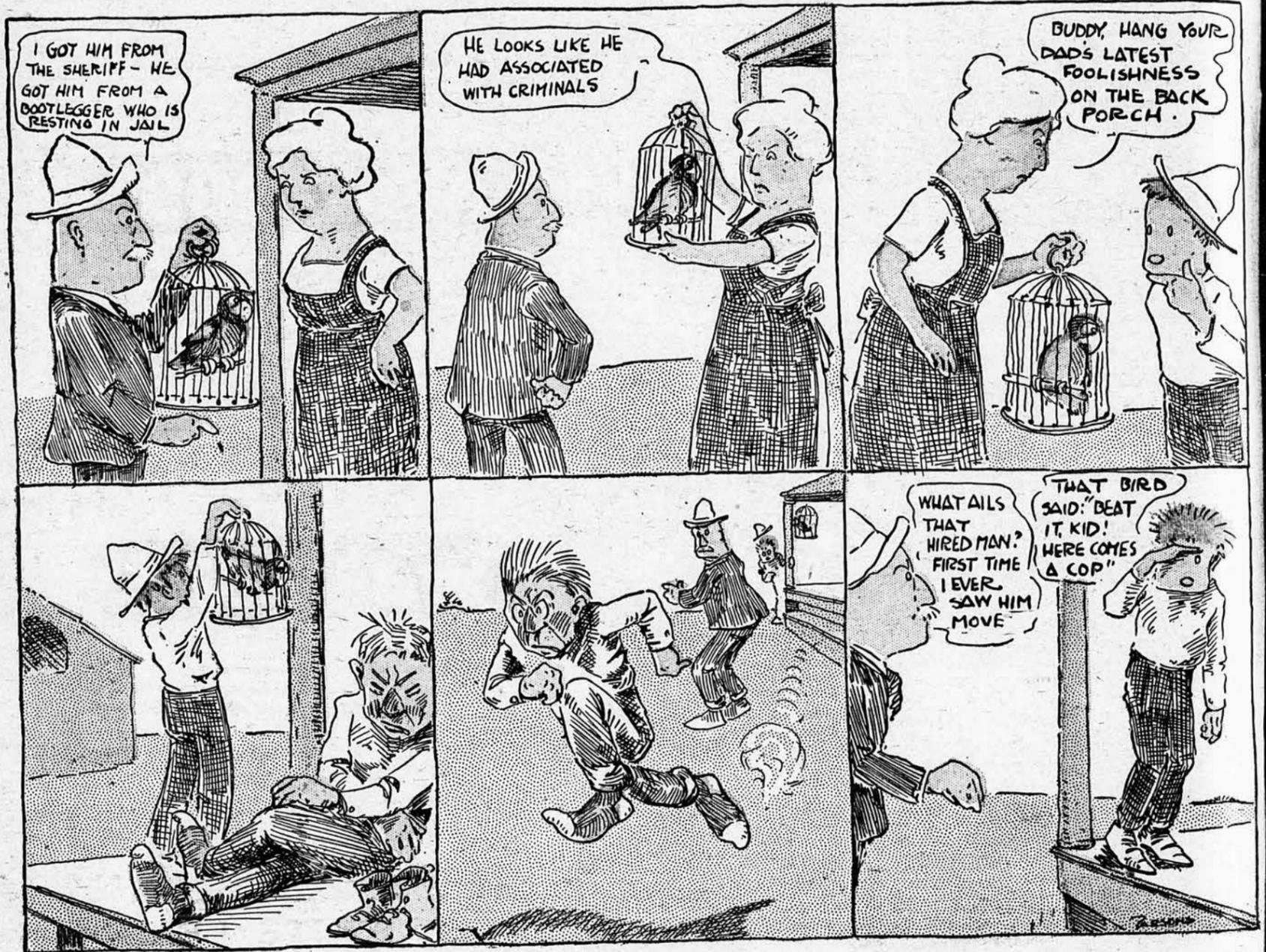
The result has been that this section, for many years considered very unfavorably as a farming region, today is well established and its farms are making money. The broomcorn industry has been developed. Generous growing of the sorghums has produced the roughage to feed much livestock. Sorghums are particularly adapted to that section and when marketed thru cattle they yield, on the average, a very good return. Now the Atchison, Topeka and Santa Fe Railroad Company is building the Satanta branch in the same territory, to open up and develop additional land. The railway has faith in its plan of farming to produce a prosperous body of farmers, else it would not spend thousands of dollars to lay steel and build an outlet for crops as yet unplanted. Its system already has (Continued on Page 21)



A Diversified Cropping System, With Special Attention to Legumes Such as Alfalfa Always Has Been Encouraged by the Santa Fe

The Adventures of the Hoovers

Nothing Seemed to Put Any Pep into the Hired Man Until Dad's Irish Canary Gave Him a Real Thrill Out on the Back Porch



The Indian Drum

By WILLIAM MacHARG and EDWIN BALMER

A Story of the Adventures of Alan Conrad of Blue Rapids, Kan., on the Great Lakes

(Copyright by Edwin Balmer)

THE early history of Alan Conrad was as much of a mystery to him as to others who knew him. Thru an advertisement in one of the daily papers in 1896 asking for some one to care for a boy 3 years old he was placed with the Welton family in Blue Rapids, Kan. He was accompanied by a Chicago man who paid in advance for a full year's board for the boy and he agreed to send a certain amount every two months for this purpose. For seven years the amount agreed upon and a small amount for the boy's personal use as spending money came regularly and then it suddenly ceased.

A little later another letter came with a check for \$100 and a request that Alan come to Chicago immediately and report at the home of Benjamin Corvet at a certain address on Astor Street.

On his arrival at the place designated Alan finds no one there except Constance Sherrill, a daughter of one of Mr. Corvet's business partners. From her he learns that Mr. Corvet had suddenly gone away and no one knew where he was. Later he meets Lawrence Sherrill, her father, who gives Alan a brief history of Mr. Corvet as he knew him, and of his separation from his wife in 1896. He also gave Alan a short account of his own life and of his later association with Mr. Corvet and Mr. Spearman in the lumber industry. Mr. Sherrill then handed to Alan certain property and the house on Astor Street.

Alan has a number of adventures in the house on the night of his first visit and gets into a fight with a daring intruder but finally drives him away. Alan pursues the intruder but is unable to overtake him.

A few days later Alan meets Judah Wassaquam, Mr. Corvet's trusted Indian servant, and becomes much interested in him.

The Inventory

The column to the left was an inventory of property and profits and income by months and years, and the one to the right was a list of losses and expenditures. Beginning at an indefinite day or month in the year 1895, there was set down in a lump sum what was indicated as the total of Benjamin Corvet's holdings at that time. To this, in sometimes undated items, the increase had been added. In the opposite column, beginning apparently from the same date in 1895, were the missing man's expenditures. The painstaking exactness of these left no doubt of their correctness; they included items for natural depreciation of perishable properties and, evidently, had been worked over recently. Upon the last sheet, the second column had been deducted from the first, and an apparently purely arbitrary sum of two hundred thousand dollars had been

taken away. From the remainder there had been taken away approximately one hundred and fifty thousand dollars more.

Alan having ascertained that the papers contained only this account, looked up questioningly to Sherrill; but Sherrill, without speaking, merely handed him the second of the papers. This, Alan saw, had evidently been folded to fit a smaller envelope. Alan unfolded it and saw that it was a letter written in the same hand which had written the summons he had received in Blue Rapids and had made the entries in the little memorandum book of the remittances that had been sent to John Welton.

It began simply: Lawrence—

This will come to you in the event that I am not able to carry out the plan on which I am now, at last, determined. You will find with this a list of my possessions which, except for two hundred thousand dollars settled on my wife which was hers absolutely to dispose of as she desired and a further sum of approximately one hundred and fifty thousand dollars presented in memory of her to the Hospital Service in France, have been transferred to you without legal reservation.

You will find deeds for all real estate executed and complete except for re-

cording of the transfer at the county office; bonds, certificates, and other documents representing my ownership of properties, together with signed forms for their legal transfer to you, are in this box. These properties, in their entirety, I give to you in trust to hold for the young man now known as Alan Conrad of Blue Rapids, Kan., to deliver any part or all over to him or to continue to hold it all in trust for him as you shall consider to be to his greatest advantage.

This for the reasons which I shall have told to you or him—I cannot know which one of you now, nor do I know how I shall tell it. But when you learn, Lawrence, think as well of me as you can and help him to be charitable to me.

With the greatest affection,
Benjamin Corvet.

Alan, as he finished reading, looked up to Sherrill, bewildered and dazed. "What does it mean, Mr. Sherrill? Does it mean that he has gone away and left everything he had—everything to me?"

"The properties listed here," Sherrill touched the pages Alan first had looked at, "are in the box at the vault with the executed forms of their transfer to me. If Mr. Corvet does not return, and I do not receive any other instructions, I shall take over his estate as he has instructed for your advantage."

"And, Mr. Sherrill, he didn't tell you why? This is all you know?"
"Yes; you have everything now. The fact that he did not give his reasons for this, either to you or me, made me

think at first that he might have made his plan known to some one else, and that he had been opposed—to the extent even of violence done upon him—to prevent his carrying it out. But the more I have considered this, the less likely it has seemed to me. What ever had happened to Corvet that had so much disturbed and excited him lately seems rather to have precipitated his plan than deterred him in it. He may have determined after he had written this that his actions and the plain indication of his relationship to you, gave all the explanation he wanted to make. All we can do, Alan, is to search for him in every way we can. There will be others searching for him too now; for information of his disappearance has got out. There have been reporters at the office this morning making inquiries, and his disappearance will be in the afternoon papers." Sherrill put the papers back in their envelope, and the envelope back into the drawer, which he relocked.

"I went over all this with Mr. Spearman this morning," he said. "He is as much at a loss to explain it as I am."

What the Transfer Included

He was silent for a few moments. "The transfer of Mr. Corvet's properties to me for you," he said suddenly, "includes, as you have seen, Corvet's interest in the firm of 'Corvet, Sherrill and Spearman.' I went very carefully thru the deeds and transfers in the deposit box, and it was plain that, while he had taken great care with the forms of transfer for all the properties, he had taken particular pains with whatever related to his holdings in this company and to his shipping interests. If I make over the properties to you, Alan I shall begin with those; for it seems to me that your father was particularly anxious that you should take a personal as well as a financial place among the men who control the traffic of the lakes. I have told Spearman that this is my intention. He has not been able to see it my way as yet; but he may change his views, I think, after meeting you."

Sherrill got up. Alan arose a little restlessly. The list of properties he had read and the letter and Sherrill's statement portended so much that its meaning could not all come to him at once. He followed Sherrill thru a short private corridor, flanked with files lettered "Corvet, Sherrill and Spearman," into the large room he had seen when he came in with Constance. They crossed this, and Sherrill, without knocking, opened the door of the office marked, "Mr. Spearman." Alan, looking on past Sherrill as the door opened, saw that there were some half dozen men in the room, smoking and talking. They were big men mostly, ruddy-skinned and weather-beaten in look, and he judged from their appearance, and from the pile of their hats and coats upon a chair, that they were officers of the company's ships, idle while the ships were laid up, but reporting now at the offices and receiving instructions as the time for fitting out approached.

His gaze went swiftly on past these men to the one who, half seated on the top of the flat desk, had been talking to them; and his pulse closed upon his heart with a shock; he started, choked with astonishment, then swiftly forced himself under control. For this was the man whom he had met and whom he had fought in Benjamin Corvet's house the night before—the big man surprised in his blasphemy of Corvet and of souls "in Hell" who, at sight of an apparition with a bullet hole above his eye, had cried out in his fright, "You got Ben! But you won't get me—damn you! Damn you!" Alan's shoulders drew up slightly, and the muscles of his hands tightened, as Sherrill led him to this man. Sherrill put his hand on the man's shoulder; his other hand was still on Alan's arm.

"Henry," he said to the man, "this is Alan Conrad, Alan, I want you to know my partner, Mr. Spearman." Spearman nodded an acknowledgment, but did not put out his hand; his eyes—steady, bold, watchful eyes—seemed measuring Alan attentively; and in return Alan, with his gaze, was measuring him.

Mr. Corvet's Partner

The instant of meeting, when Alan recognized in Sherrill's partner the man with whom he had fought in Corvet's house, was one of swift readjustment of all his thought—adjustment to a situation of which he could not even have dreamed, and which

left him breathless. But for Spearman, obviously, it was not that. Following his noncommittal nod of acknowledgment of Sherrill's introduction and his first steady scrutiny of Alan, the big, handsome man swung himself off from the desk on which he sat and leaned against it, facing them more directly.

"Oh, yes—Conrad," he said. His tone was hearty; in it Alan could recognize only so much of reserve as might be expected from Sherrill's partner who had taken an attitude of opposition. The shipmasters, looking on, could see, no doubt, not even that; except for the excitement which Alan himself could not conceal, it must appear to them only an ordinary introduction.

Alan fought sharply down the swift rush of his blood and the tightening of his muscles.

"I can say truly that I'm glad to meet you, Mr. Spearman," he managed.

There was no recognition of anything beyond the mere surface meaning of the words in Spearman's slow smile of acknowledgment, as he turned from Alan to Sherrill.

"I'm afraid you've taken rather a bad time, Lawrence."

"You're busy, you mean. This can wait, Henry, if what you're doing is immediate."

"I want some of these men to be back in Michigan tonight. Can't we get together later—this afternoon? You'll be about here this afternoon?" His manner was not casual; Alan could not think of any expression of that man as being casual; but this, he thought, came as near it as Spearman could come.

"I think I can be here this afternoon," Alan said.

"Would two-thirty suit you?"

"As well as any other time."

"Let's say two-thirty, then." Spearman turned and noted the hour almost solicitously among the scrawled appointments on his desk pad; straightening, after this act of dismissal, he walked with them to the door, his hand on Sherrill's shoulder.

"Circumstances have put us—Mr. Sherrill and myself—in a difficult position, Conrad," he remarked. "We want much to be fair to all concerned—"

Admiration for Spearman

He did not finish the sentence, but halted at the door. Sherrill went out, and Alan followed him; exasperation—half outrage yet half admiration—at Spearman's bearing, held Alan speechless. The blood rushed hotly to his skin as the door closed behind them, his hands clenched, and he turned back to the closed door; then he checked himself and followed Sherrill, who, oblivious to Alan's excitement, led the way to the door which bore Corvet's name. He opened it, disclosing an empty room, somewhat larger than Spearman's and similar to it, except that it lacked the marks of constant use. It was plain that, since Spearman had chosen to put off a discussion of Alan's status, Sherrill did not know what next to do; he stood an instant in thought, then, contenting himself with inviting Alan to lunch, he excused himself to return to his office. When he had gone, closing the door behind him, Alan began to pace swiftly up and down the room.

What had just passed had left him still breathless; he felt bewildered. If every movement of Spearman's great, handsome body had not recalled to him their struggle of the night before—if, as Spearman's hand rested cordially on Sherrill's shoulder, Alan had not seemed to feel again that big hand at his throat—he would almost have been ready to believe that this was not the man whom he had fought. But he could not doubt that; he had recognized Spearman beyond question. And Spearman had recognized him—he was sure of that; he could not for an instant doubt it; Spearman had known it was Alan whom he had fought in Corvet's house even before Sherrill had brought them together. Was there not further proof of that in Spearman's subsequent manner toward him? For what was all this cordiality except defiance? Undoubtedly Spearman had acted just as he had to show how undisturbed he was, how indifferent he might be to any accusation Alan could make. Not having told Sherrill of the encounter in the house—not having told any one else—Alan could not tell it now, after Sherrill had informed him that Spearman opposed his accession to

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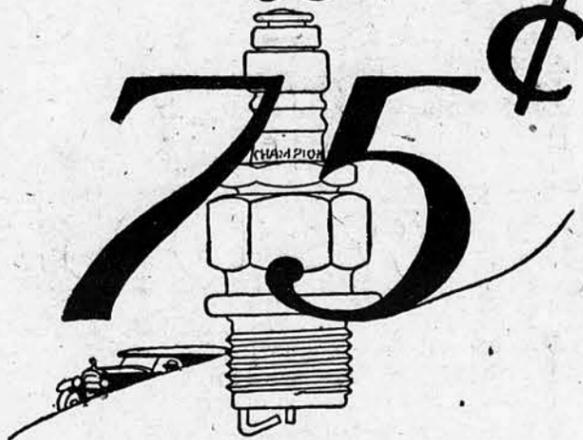
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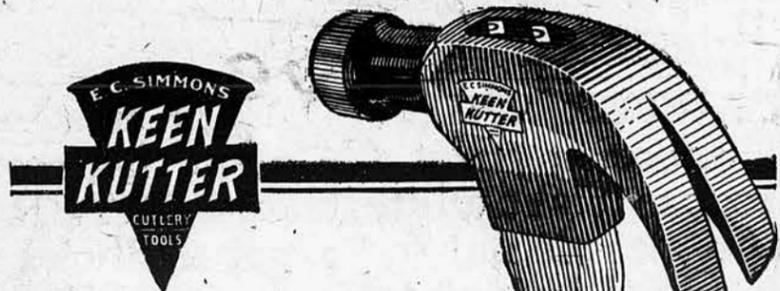


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Corvet's estate; or, at least, he could not tell who the man was. In the face of Spearman's manner toward him today, Sherrill would not believe. If Spearman denied it—and his story of his return to town that morning made it perfectly certain that he would deny it—it would be only Alan's word against Spearman's—the word of a stranger unknown to Sherrill except by Alan's own account of himself and the inferences from Corvet's acts. There could be no risk to Spearman in that; he had nothing to fear if Alan blurted an accusation against him. Spearman, perhaps, even wanted him to do that—hoped he would do it. Nothing could more discredit Alan than such an unsustainable accusation against the partner who was opposing Alan's taking his father's place. For it had been plain that Spearman dominated Sherrill, and that Sherrill felt confidence in and admiration toward him.

Alan grew hot with the realization that, in the interview just past, Spearman had also dominated him. He had been unable to find anything adequate to do, anything adequate to answer, in opposition to this man more than fifteen years older than himself and having a lifelong experience in dealing with all kinds of men. He would not yield to Spearman like that again; it was the bewilderment of his recognition of Spearman that had made him do it. Alan stopped his pacing and flung himself down in the leather desk-chair which had been Corvet's. He could hear, at intervals, Spearman's heavy, genial voice addressing the ship men in his office; its tones—half of comradeship, half of command—told only too plainly his dominance over those men also. He heard Spearman's office door open and some of the men go out; after a time it opened again, and the rest went out. He heard Spearman's voice in the outer office, then heard it again as Spearman returned alone into his private office.

Over the Telephone

There was a telephone upon Corvet's desk which undoubtedly connected with the switchboard in the general office. Alan picked up the receiver and asked for "Mr. Spearman." At once the hearty voice answered, "Yes."

"This is Conrad."
"I thought I told you I was busy, Conrad!" The phone clicked as Spearman hung up the receiver.

The quality of the voice at the other end of the wire had altered; it had become suddenly again the harsh voice of the man who had called down curses upon "Ben" and on "men in Hell" in Corvet's library.

Alan sat back in his chair, smiling a little. It had not been for him, then—that pretense of an almost mocking cordiality; Spearman was not trying to deceive or to influence Alan by that. It had been merely for Sherrill's benefit; or, rather, it had been because, in Sherrill's presence, this had been the most effective weapon against Alan which Spearman could employ. Spearman might, or might not, deny to Alan his identity with the man whom Alan had fought; as yet Alan did not know which Spearman would do; but, at least, between themselves there was to be no pretense about the antagonism, the opposition, they felt toward one another.

Little prickling thrills of excitement were leaping thru Alan, as he got up and moved about the room again. The room was on a corner, and there were two windows, one looking to the east over the white and blue expanse of the harbor and the lake; the other showing the roofs and chimneys, the towers and domes of Chicago, reaching away block after block, mile after mile to the south and west, till they dimmed and blurred in the brown haze of the sunlit smoke. Power and possession—both far exceeding Alan's most extravagant dream—were promised him by those papers which Sherrill had shown him. When he had read down the list of those properties, he had had no more feeling that such things could be his than he had had at first that Corvet's house could be his—until he had heard the intruder moving in that house. And now it was the sense that another was going to make him fight for those properties that was bringing to him the realization of his new power. He "had" something on that man—on Spearman. He did not know what that thing was; no stretch of his thought, nothing that he knew about himself or others, could tell him; but, at sight of him, in the dark of Corvet's house, Spearman had

cried out in horror, he had screamed at him the name of a sunken ship, and in terror had hurled his electric torch. It was true, Spearman's terror had not been at Alan Conrad; it had been because Spearman had mistaken him for some one else—for a ghost. But, after learning that Alan was not a ghost, Spearman's attitude had not changed greatly; he had fought, he had been willing to kill rather than to be caught there.

Alan thought an instant; he would make sure he still "had" that something on Spearman and would learn how far it went. He took up the receiver and asked for Spearman again. Again the voice answered—"Yes."

"I don't care whether you're busy," Alan said evenly. "I think you and I had better have a talk before we meet with Mr. Sherrill this afternoon. I am here in Mr. Corvet's office now and will be here for half an hour; then I'm going out."

Straight Talk

Spearman made no reply but again hung up the receiver. Alan sat waiting, his watch upon the desk before him—tense, expectant, with flushes of hot and cold passing over him. Ten minutes passed; then twenty. The telephone under Corvet's desk buzzed.

"Mr. Spearman says he will give you five minutes now," the switchboard girl said.

Alan breathed deep with relief; Spearman had wanted to refuse to see him—but he had not refused; he had sent for him within the time Alan had appointed and after waiting until just before it expired.

Alan put his watch back into his pocket and, crossing to the other office, found Spearman alone. There was no pretense of courtesy now in Spearman's manner; he sat motionless at his desk, his bold eyes fixed on Alan intently. Alan closed the door behind him and advanced toward the desk.

"I thought we'd better have some explanation," he said, "about our meeting last night."

"Our meeting?" Spearman repeated; his eyes had narrowed watchfully.

"You told Mr. Sherrill that you were in Duluth and that you arrived home in Chicago only this morning. Of course you don't mean to stick to that story with me?"

"What are you talking about?" Spearman demanded.

"Of course, I know exactly where you were a part of last evening; and you know that I know. I only want to know what explanation you have to offer."

Spearman leaned forward. "Talk sense and talk it quick, if you have anything to say to me!"

"I haven't told Mr. Sherrill that I found you at Corvet's house last night; but I don't want you to doubt for a minute that I know you—and about your damning of Benjamin Corvet and your cry about saving the Miwaka!"

A flash of blood came to Spearman's face; Alan, in his excitement, was sure of it; but there was just that flash, no more. He turned, while Spearman sat chewing his cigar and staring at him, and went out and partly closed the door. Then, suddenly, he reopened it, looked in, reclosed it sharply, and went on his way, shaking a little. For, as he looked back this second time at the dominant, determined, able man seated at his desk, what he had seen in Spearman's face was fear; fear of himself, of Alan Conrad of Blue Rapids—yet it was not fear of that sort which weakens or dismays; it was of that sort which, merely warning of danger close at hand, determines one to use every means within his power to save himself.

Whom Did Alan Resemble?

Alan, still trembling excitedly, crossed to Corvet's office to await Sherrill. It was not, he felt sure now, Alan Conrad that Spearman was opposing; it was not even the apparent successor to the controlling stock of Corvet, Sherrill and Spearman. That Alan resembled some one—some one whose ghost had seemed to come to Spearman and might, perhaps, have come to Corvet—was only incidental to what was going on now; for in Alan's presence Spearman found a threat—an active, present threat against himself. Alan could not imagine what the nature of that threat could be. Was it because there was something still concealed in Corvet's house which Spearman feared Alan would find? Or was

(Continued on Page 13)

Jayhawker's Farm Notes

By Harley Hatch

RECENTLY this locality was visited by what is commonly called a "cloudburst" and that seems to be a fit name for it, as fully 6 inches of water fell between 9 p. m. and midnight. The effect of the flood on Burlington, our county seat, you have, no doubt, read of several days ago in the daily papers. The effect on the farms in the territory covered is not entirely decided at this writing but it seems to have been much less than would have been thought possible. The wheat fields, which seemed at midnight to be rivers of running water showed little damage the next morning, the water having all drained off during the night. There does not seem to have been much soil washing, considering the torrent of water that poured over the fields; that no more damage was done is due to the fact that but little fresh plowing had been done. What effect it will have on the newly sown oats cannot be told for a few days; the fields are packed down very hard but I think the oats will get thru the soil. Roads have been washed to some extent but the great bulk of damage done seems to have been in Burlington rather than in the country.

Late and Early Corn

A friend writes from Linn county asking for my experience in growing late and early varieties of corn and which I have found surest and most profitable. In 26 years of corn raising in Eastern Kansas I have found the early varieties of corn to be surer producers than the late varieties; that is, in 26 years there were more times when early corn made a good crop than late corn. But for this latitude I prefer, for the main crop, what may be described as a medium variety of corn rather than one very early or late. A late variety, which takes the whole season to mature, will outyield anything else in a favorable season but those seasons do not come oftener than once in every five years. Very early corn will make a fair crop here almost every year but the yield is so much less than that of the medium varieties that it seldom pays to raise it except for a small field for early feed. If a man must have corn by July 20 or August 1 and either must raise it or buy it I would advise the planting of 5 acres of an early variety but only in that case. Of all the varieties which may be classed as early in Eastern Kansas I have found Silver Mine to be the best yielder.

To Kill Hedge Sprouts

A friend writes from Valley Falls asking the best way to keep hedge plants from sprouting after they have been cut off. He has a 160-rod line of hedge to cut and wishes to kill it. In

short lines of hedge a good way to kill the hedge plants is to haul straw and cover them heavily and then in late summer burn it. I also have heard that salt applied heavily will kill out the hedge but I never have seen that method tried nor have I ever seen kerosene used. The easiest, surest and best way of killing hedge out after it is cut is to fence it in where stock, especially horses, can get at it. They will keep the sprouts eaten off until by the third year no more will appear. On my farm I have an 80-rod strip of hedge which was cut a year ago last winter. I moved the pasture fence over to take this strip in and virtually every sprout that appeared last summer was eaten. A great deal of hedge has been pulled in this county in the last two years but it takes considerable money and work to dispose of it in that way. If it is not necessary to get the hedge stumps out for two or three years the hedge can be killed by pasturing and after it is killed the stumps will come out easily.

Reservoirs Stand The Test

I was up a number of times during the flood night and could see by the lightning that the runs near the farm were carrying more water than I ever saw them take before in 26 years. At that time I would have taken 2 cents for both of our reservoir dams and was greatly surprised the next morning to find them both holding. The upper reservoir is situated right in the center of a large run which, during a flood like that of March 3, carries as much water as a river. We had a spillway large enough to handle any common flood but this was so great that water ran over both ends of the dam at some time during the night. But the dirt was solid and held with no apparent washing. In this dam the middle is much higher and wider than the ends and either end could have gone out and left the main dam intact and still holding several feet of water. From this flood experience I would advise every one building a reservoir to make the dam considerably higher in the center and to let the lowest parts be at each extreme end. Of course, a spillway should be made calculated to carry any ordinary flood but in case of an extraordinary one let the lowest part of the dam be where it is easiest repaired and where it will let out the least water if it goes.

The French government is to leave intact the trenches, forests and villages in which the American Expeditionary Forces fought their noted battles during the World War. The entire village of Belleau and Hill No. 204, near Chateau-Thierry, are to be preserved as historic monuments.

What Do You Think About It?

A LETTER or a personal visit from a reader always is welcomed by the Kansas Farmer and Mail and Breeze because either one usually enables the editors to find out what readers think about the paper, what stories or features they like and why.

The editors are anxious to know these facts because that is the only way in which they can best judge what to print. When a reader comes to the office he always is invited to frankly state what he thinks of the Kansas Farmer and Mail and Breeze and to point out the features he feels are most interesting and valuable. By doing so he simply is making it possible for the editors to give him a better paper.

Of course every reader cannot visit the editorial office, altho they would be right welcome. But they can help the editors and themselves by writing about an article or feature they like and likewise about others they may not like.

When the Kansas Farmer and Mail and Breeze prints a story its readers like, if they will tell the editor so he will see that more such stories appear. That is his business. If they don't write about it he can only use his best judgment in the matter.

The editors welcome letters or comments from readers about things in the paper they object to or find fault with, but they likewise feel the need of also knowing the features that attract and please.

The Kansas Farmer and Mail and Breeze belongs to its readers. It will always base its contents on what they desire it to print. So it invites them to take a personal interest in what is published and to express their appreciation of or objection to anything that appears. Such a course will help the editors and also the readers.

What do you think of your Kansas Farmer and Mail and Breeze? Drop us a line. Address, Editorial Department, Kansas Farmer and Mail and Breeze, Topeka, Kan., and mail your letter without delay.

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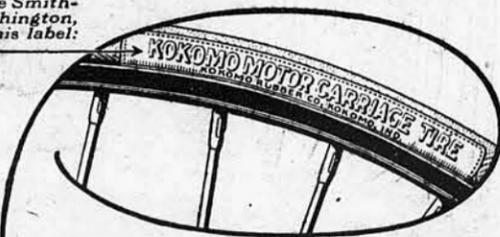
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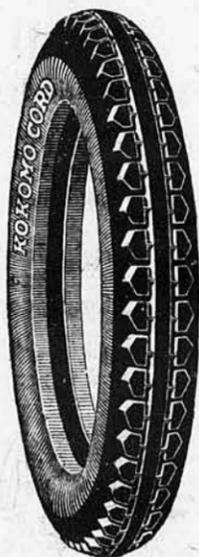
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Farm Organization News

BY RURAL CORRESPONDENTS

KANOTA oats proved their worth in Doniphan county this year, Lloyd McClelland sowed 5 bushels of the oats last year and harvested more than 90 bushels of seed last summer.

Mr. McClelland is sowing 65 bushels of the oats himself this year and has sold the other 25 bushels to his neighbors. The oats were introduced into the county by the Doniphan County Farm Bureau.

Vermillion Organizes a Corn Club

A corn club was formed by John J. Inskeep, Marshall county agent, among boys at the Vermillion High School recently. Every boy decided to grow from 1 acre to 5 acres of corn next summer. The county farm bureau will provide the seed for the club boys. Officers of the club elected at the organization meeting are John Dreher, president; Vern Carlson, vice president and Wallace Langner, secretary.

Lyon County Tests Fertilizers

A fertilizer test is being carried on the farm of G. E. Shirky of Olpe in co-operation with the Lyon County Farm Bureau and Kansas Experiment Station. Mr. Shirky reports that the test is coming on in good order. Cecil L. McFadden, county agent, states that a demonstration will be held at Mr. Shirky's farm this spring in order that everyone may see what the different fertilizers will do.

Fills Silo With Shock Fodder

Refilling a silo with dry forage has been tried out during the past winter by Frank Wimmer of Fulton. By Christmas time Mr. Wimmer had fed up his silage, so he refilled the silo with shock fodder from the field. This silage was considerably better than it would have been had the fodder been fed dry.

Better Seed for Hodgeman

T. F. Yost, Hodgeman county agent, is making up a seed list for the use of farmers in that county. He says he is doing this first to help farmers of the county sell their seed and second to find seed for farmers who need it. The list of seeds will be compiled and sent out to all farm bureau members in the county, Mr. Yost says.

National Grange Meet to Wichita

At a meeting of the Executive Committee of the National Grange held at the Washington Office, it was formally voted to accept the invitation

from Wichita, Kan., to hold the 1922 annual session of the National Grange there. The meeting date is the second Wednesday after the first Monday in November—this year November 25. Leslie R. Smith of Massachusetts, secretary of the executive committee, visited several Kansas cities which had been considered and reported that the hotel facilities and other accommodations in Wichita were very satisfactory. The details of the meeting will be in charge of Barton Needham of Lane, Kan., Master of the Kansas State Grange.

Linn Farmers To Try Dairying

The Linn community in Washington county is taking an interest in better dairy animals. H. J. Meierkord, local leader for the dairy project in that community, has orders for two carloads of high grade Holstein bred cows and heifers. Information concerning the purchase of desirable stock has been obtained thru John V. Hepler, county agent. A committee will be appointed to buy this stock in the next week or two. Mr. Hepler reports that farmers in the Linn community believe in diversified farming and intend to make dairying a part of their regular farm business rather than a side line.

Green Bug Pest Appears

The Cherokee County Farm Bureau has made an extensive survey of the green bug situation with the assistance of R. H. Beamer of the state entomological commission, according to Roy E. Gwin, county agent. Mr. Beamer says the county is more seriously infested with the green bug than any other Kansas county. A number of fields which were examined showed a damage at the present time of some 40 to 60 per cent. Recent cold weather had retarded the work of the bugs, but had not killed them. Mr. Beamer says severe zero weather in connection with some moisture will be necessary in order to eradicate the pests. They seem to be the worst in fields which contain volunteer oats and wheat.

James A. Milham, Allen county agent, reports that the green bug is damaging early sown fields of wheat in that county. Mr. Milham says that pasturing the wheat field or using a sub-surface packer both ways on the field would no doubt help out as the bugs are easily killed by pressure and the packing of the soil would destroy a large number of them. Mr. Milham says that in one field he found 900 bugs on one plant.

Where the Tax Leagues Could Help

ON THE subject of taxation the Sterling Bulletin quotes W. Q. Elliott, who has lived on a farm in Rice county for nearly 48 years, as follows:

"What is the matter with Kansas?" The answer is very simple and can be answered with one word: "Taxation." To be plain and use but few words I wish to say here that all real estate mortgages should be free and non-taxable. At the first thought you will say, "He is favoring the moneyed men." Yes, we are, but he made his money and that is just what we should do. Having had the privilege of living on the Pacific Coast for a few years, where real estate mortgages were exempt did convince me and will convince any day laborer or farmer, if he should have the opportunity of getting his real estate loans from a source where the loan is non-taxable.

I am in receipt of a letter from a young man in one of those Pacific Coast states, who a few years ago started out with \$1,500 in cash. This young man bought 240 acres of land, paid \$1,000 down and borrowed the balance at 4 1/2 per cent; put his last \$500 into stock and started farming. Now he states that he is out of debt, has 440 acres of land and one of the largest herds of stock in the valley. I wish to say that I know of but few day laborers on the coast who do not own their own homes, and that is due to the fact that they can borrow money at a much lower rate of interest because of non-taxes.

The right thing for Kansas to do is to stop this double taxation. Make everybody a taxpayer and in a few years our county and state will receive double in taxes what they are receiving now.

To meet this problem the state can do away at once with all exemptions and by restricting the general property tax to real estate and improvements and other tangible properties, can raise all revenues from personal property, mortgages, bonds, securities, etc., by a state income tax. Corporations would continue to pay on valuation or capital and surplus as at present.

By making this division assessors will be relieved from the futile effort to find and run down concealed property. The state income tax will cover it by including all incomes for taxation. Bonds at present exempt will pay on their income. Kansas money will invest in Kansas mortgages. The 700 millions or more of personal property now escaping all taxation will contribute revenue thru the tax on income. Taxation will be simplified, and will be based in fact on ability to pay.



DR. HESS DIP and DISINFECTANT

Use the sprinkling can about your premises—the dipping tank where the occasion demands. For your hogs, a wallow is the most convenient, and quite effective. To every 70 to 100 gallons of water add one gallon of Dr. Hess Dip and Disinfectant. Then your premises—the cow barn, the stables, the pig pen, the poultry house, the sink, drains, closets, cesspools—everything, everywhere, will be pure and healthful.

You can dip, or you can spray or sprinkle, or apply with a sponge or brush, Dr. Hess Dip and Disinfectant to the animal body. There's scarcely an animal parasite, skin disease, or infection that Dr. Hess D. and D. will not remedy. *Guaranteed.*

DR. HESS & CLARK Ashland, Ohio

Low R. R. Rates to Western Canada

Excursions on 1st and 3rd Tuesday of Each Month

Single Fare Plus \$2 Only for the Round Trip

The recent advance in the price of farm produce warrants increased interest in farming. Economically, Western Canada, on account of its low priced lands and their high productive quality, today stands pre-eminent in its position as far as the best field for economic agriculture. Take advantage of the low railway rates, which are to be had on these excursion dates, to inspect Western Canada lands, examine into their resources and the profits so easily to be obtained.

Write the Canadian Government Agent who is nearest to your home for particulars as to rates, dates and any other information you may desire.

F. H. HEWITT,
2012 Main St., Kansas City, Mo.
Authorized Canadian Government Agent



Prevent Blackleg by using

Blackleg Aggressin

(Germ-Free Vaccine)

Scientifically Prepared and Tested

Consult your veterinarian or druggist. Write for booklet on blackleg prevention.

Animal Industry Department of Parke, Davis & Company DETROIT, MICH.

Money Buys More

in work-clothing value—more comfort and durability—when you expressly call for

FITZ OVERALLS

Out of 66 sizes, select your exact fit. Every pair made of heavy blue denim and guaranteed to give full satisfaction. Your dealer will supply you from stock or by special order (in 24 hours) from

BURNHAM-MUNGER-ROOT
Kansas City, Missouri.

The Indian Drum

(Continued from Page 10)

it connected only with that some one whom Alan resembled? Who was it Alan resembled? His mother? In what had been told him, in all that he had been able to learn about himself, Alan had found no mention of his mother—no mention, indeed, of any woman. There had been mention, definite mention, of but one thing which seemed, no matter what form these new experiences of his took, to connect himself with all of them—mention of a ship, a lost ship—the *Miwaka*. That name had stirred Alan, when he first heard it, with the first feeling he had been able to get of any possible connection between himself and these people here. Spoken by himself just now it had stirred, queerly stirred, Spearman. What was it, then, that he—Alan—had to do with the *Miwaka*? Spearman might—must have had something to do with it. So must Corvet. But himself—he had been not yet three years old when the *Miwaka* was lost! Beyond and above all other questions, what had Constance Sherrill to do with it?

She had continued to believe that Corvet's disappearance was related in some way to herself. Alan would rather trust her intuition as to this than trust to Sherrill's contrary opinion. Yet she, certainly, could have had no direct connection with a ship lost about the time she was born and before her father had allied himself with the firm of Corvet and Spearman. In the misty warp and woof of these events, Alan could find as yet nothing which could have involved her. But he realized that he was thinking about her even more than he was thinking about Spearman—more, at that moment, even than about the mystery which surrounded himself.

Constance Sherrill, as she went about her shopping at Field's was feeling the strangeness of the experience she had shared that morning with Alan when she had completed for him the Indian creation legend and had repeated the ship rhymes of his boyhood; but her more active thought was about Henry Spearman, for she had a luncheon engagement with him at one o'clock. He liked one always to be prompt at appointments; he either did not keep an engagement at all, or he was on the minute, neither early nor late, except for some unusual circumstance. Constance could never achieve such accurate punctuality, so several minutes before the hour she went to the agreed corner of the silverware department.

Spearman Was Late

She absorbed herself intently with the selection of her purchase as one o'clock approached. She was sure that, after his three days' absence, he would be a moment early rather than late; but after selecting what she wanted, she monopolized twelve minutes more of the salesman's time in showing her what she had no intention of purchasing, before she picked out Henry's vigorous step from the confusion of ordinary footfalls in the aisle behind her. Tho she had determined, a few minutes before, to punish him a little, she turned quickly.

"Sorry I'm late, Connie." That meant that it was no ordinary business matter that had detained him; but there was nothing else noticeably unusual in his tone.

"It's certainly your turn to be the tardy one," she admitted.

"I'd never take my turn if I could help it—particularly just after being away; you know that."

She turned carelessly to the clerk. "I'll take that too"—she indicated the trinket which she had examined last. "Send it, please. I've finished here now, Henry."

"I thought you didn't like that sort of thing." His glance had gone to the bit of frippery in the clerk's hand.

"I don't," she confessed.

"Then don't buy it. She doesn't want that; don't send it," he directed the salesman.

"Very well, sir."

(TO BE CONTINUED.)

Two public schools in St. Louis are running banks for the pupils. Students of the eighth grade are the officers and do all the official business necessary and any amount is accepted as a deposit from any member of the school. One school has 700 depositors and the other has 600.

A Message to the American Farmer

ON A TRADE BASIS YOUR FARM PRODUCE WILL GO AS FAR TODAY IN THE PURCHASE OF A PREST-O-LITE BATTERY AS IT WOULD HAVE GONE IN THE DAY OF YOUR HIGHEST PRICE MARKET.

Your ability to buy is a determining influence on national economic adjustment. Your purchasing power is tremendous.

Wheat, corn and other produce must bring their proper return in purchasing power before normalcy is reached.

Because of this and the very nature of your business, price must be a prime consideration in your buying.

And the Prest-O-Lite Company, Inc., has brought its prices to the lowest level in years. Prest-O-Lite has consistently been the last to raise and the first to reduce prices.

Figures Tell the Story

*\$19.90 is the trade-in-price for a regular quality Prest-O-Lite Battery for popular makes of light cars. This price is 45% lower than the 1920 prices for this type.

*Other outstanding values are: \$24.65 (trade-in price) for a battery for the Buick, Chandler, Chalmers, Oakland and Hudson. \$32.30 (trade-in price) for a battery for the Maxwell, Dodge, or Franklin.

There are similar reductions on all Prest-O-Lite Batteries; and there is a correct type of Prest-O-Lite Battery for every make of car or truck.

Prest-O-Lite prices came downward, but Prest-O-Lite quality went upward.

These batteries are not special made, are regular top quality Prest-O-Lite with the famous Prest-O-Plates.

A Definite Obligation

All Prest-O-Lite batteries are covered by a liberal and specific guaranty. In addition you have the guaranty of the Prest-O-Lite reputation.

All Prest-O-Lite Service Stations operate under a planned policy of service. THE CAR OWNER MUST BE PLEASED. And Prest-O-Lite is the oldest service to motorists.

Prest-O-Lite Service Stations do everything possible to keep batteries—no matter what make—out of the repair shop.

Go to the nearest Prest-O-Lite Service Station, and let its friendly experts explain how to avoid battery trouble. Their advice will prolong the life of your battery regardless of make. They will not tell you that you need a new battery until you do.

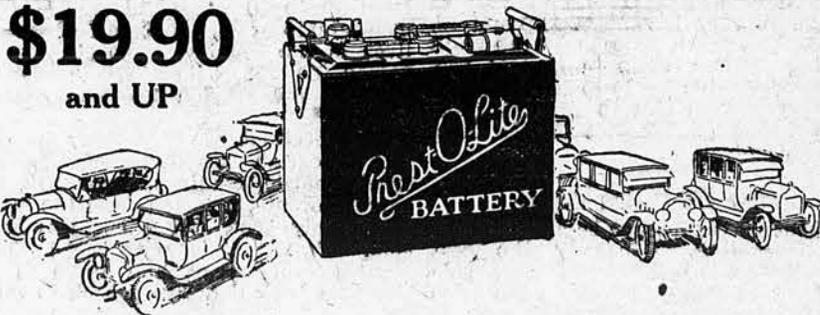
At the right time exchange your old battery for a new Prest-O-Lite at our low prices.

*Slightly higher prices prevail on the Pacific Coast and other distant points.

THE PREST-O-LITE COMPANY, Inc.
Carbide and Carbon Building, 30 East 42nd Street, New York
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Prest-O-Lite also makes a battery for every house lighting system manufactured. They are in every way Prest-O-Lite quality. Ask our nearest service station, or write for details.

\$19.90 and UP



Prest-O-Lite BATTERY

Four Charming Ferns Free

Four of the Very Best Varieties

This great collection includes a "Boston Fern," an "Ostrich Plume Fern," a "Teddy Junior Fern," and a "Lace Fern." No other house plant is more extensively grown than the graceful "Boston Fern," while in the "Ostrich Plume Fern" is found a particular variety which appeals to every one. The "Teddy Junior" is a Fern for every home. The fronds are broad and beautifully tapered from base to tip. The "Lace Fern" which is a graceful climber, has to a great extent taken the place of the once popular "Smilax" in all fine decorations.

SPECIAL FERN OFFER

This collection of four ferns has been selected because of their particular value. Each fern is guaranteed, and a collection of four will be sent FREE and POSTPAID to anyone who will send us 40c for an 18 month subscription to *Capper's Farmer*, or 65c for a 30 month subscription. Now is a good time for planting—send in your order at once.

CAPPER'S FARMER. Fern Dept. 70. TOPEKA, KANSAS



Our Kansas Farm Homes

Mrs. Ida Migliario
—EDITOR—

Farm Home News

BY MRS. DORA L. THOMPSON

Pioneer women knew little about manufactured dyes. They consulted Mother Nature and learned from her to use the walnut husks for brown, the sumac for red and to "set" with alum water. Pioneer men knew little about the various makes of shoe polish. Probably water-proofing oil was more in demand in the days when boots were difficult to draw on, and still more difficult to get off.

As shoes and overshoes appeared more attention was given to keeping the original luster. It was found that stove soot, such as collects on the under side of a stove lid, was a great aid in restoring the shine. Given an old blackboard eraser or a similar piece of wood with some sheep skin securely tacked thereon and a stove lid, a shoe shining equipment was had at home. They dampened the end of the dauber, rubbed on the soot, and brushed the shoes with the dry wool.

New Steam Kettle on Market

A new steam kettle is proving to be a useful piece of kitchen furnishing. It is called a "steam kettle that never boils dry." The name fits the article, since if instructions are followed, it never does boil dry. This failure to follow the aggravating ways of most kettles is due to a steam condenser in the lid. This condenser consists of two plates formed into a disk, rather funnel shaped, so the steam is directed down the sides.

The kettle, made thruout of aluminum, has a capacity of 6½ quarts. It contains racks on which two pans or insets are placed. Either one or both may be used. This makes possible the boiling or roasting of one article and the steaming of two others.

Fowls and other meat may be roasted by greasing the bottom of the kettle and cooking the meat in its own steam. A very low blaze is required, and not so much time as by the plain boiling method. Once in general use, we look for this kettle to replace many fireless cookers and to run the pressure cooker a brisk race for the farm woman's favor.

How We Fatten Capons

About 50 capons are being fed ready for marketing. Generally the best market time is just before Easter. This may not be true this year as the price at Christmas was higher than it is now. To fatten the birds, we feed ground corn soaked in buttermilk. There are too many calves being fed here to leave sufficient milk.

As a substitute for milk we have bought commercial buttermilk. This is a dry powder that comes in 100-pound sacks. If we buy a whole sack, the cost is 7½ cents a pound. By the pound, the charge is 10 cents a pound. It is supposed that 1 pound of the powdered buttermilk will make 10 gallons of liquid buttermilk.

There is another buttermilk product that is not suitable for fattening. It is a combination of mill feeds, grit, charcoal and buttermilk prepared especially for a dry mash for little chicks. Those who wish to crate fattened poultry before selling should get the pure buttermilk.

Cement Platform is Made

So much rain has fallen the first three weeks of March that field work has been delayed. As a result, we have had a chance to get some cement work done. A cover has been made for the small cistern which was connected with the large one and the porch so as to make a continuous platform. This leaves a space between the large cistern and the house which we intend to use as a flower bed. Geranium slips are being started in cans ready for setting out in the bed.

A short cement walk has been laid

from the porch to the back gate. It seems to be a difficult matter, in the country, to get the needed combination for cement work. Sand must be hauled from the river and cement purchased when needed. If kept for any length of time, it hardens and is unfit for use. Stone for the work is not lacking.

Often when the whole combination is at hand, the worker isn't, and so it goes. The ambitious farm woman who would have walks, platforms and porch floors of cement must watch her chance to get the materials hauled before needed.

To Soak or Not to Soak?

To soak or not to soak the clothes— which side of the question will you take? Or are you like many of us, first on one side of the fence and then on the other?

Either way may be right. It all depends on the temperature of the water used in washing. If hot, soaking gives best results. If cool, there is no reason for wetting the garments before washing them.

Soil falls on clothing, or is rubbed on, but it would not linger long if it was not held by something—two somethings, in fact. One is grease; the other is albuminous material, such as the skin and its excretions.

Soap dissolves fat and sets free the dirt it holds. For this reason, soap or soap flakes are always used in laundering.

Cool water dissolves the albuminous substances. Hot water sets them, making it almost impossible to loosen the dirt.

Unless luke-warm water is used for washing the clothes in the machine or by hand, they should be soaked. And if they are, more soap must be used for the water in the wet clothes weakens the soapy water in the machine.

Nell B. Nichols.

Duffs and Trues Entertain

The Effingham Community Club had what we call an indoor picnic recently. Following the supper which was served cafeteria style, two distinguished families, the Duffs and the Trues appeared. Great care had been taken in the selection and make up of the characters.

Our local dentist appeared as Tom Duff. He looked and acted the part to perfection. His wife had sewed narrow white tape onto his trousers to make the checks as they appear in the pictures of the Duffs. Everett True was our hardware merchant. Olivia and her friend Pansy and her husband and the Baileys, their neighbors, all did their part well. Each one brought out some stunt from the cartoons.

"An afternoon in Japan," was our next meeting. The women on the entertaining committee wore kimonos with wide sashes and bows of crepe paper in bright colors. They wore their hair in Japanese style with fancy fans and combs in the coiffure. Electric bulbs were encased in Japanese lanterns, and Chinese lilies were used in decorating. A Japanese drill and dance, and the serving of tea from Japanese cups were included in the program.

Mrs. C. M. Madden.
Atchison County.

Women's Service Corner

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

Astringents Check Perspiration

I have very moist hands. Will you tell me how to check the perspiration?—Mrs. R. N.

If the hands are constantly moist from perspiration, bathe them frequently in salt water. A solution of lemon juice or vinegar may be used. These act as an astringent and should not be used too frequently.

Problem in Etiquette

When I call on a girl friend what should I do with my hat?—S. S.

Do not take your hat in the living room. If no one offers to take it, leave it in the hall.

Don't Give Visiting Card

Should a girl give her visiting card to a man so that he will have her address?—B. C.

It is not proper for a girl to give her card to a man. If he cares to call, he will remember her address.

Sour Cream Cookies

I would like to have a recipe for sour cream cookies.—Mrs. M. B.

1 cup sour cream Salt
1 teaspoon soda Flour
1 cup sugar ½ teaspoon nutmeg

Mix ingredients with enough flour to roll. Roll thin and bake until well browned.

Laundering Problem

Please tell me how to wash a corset.—Mrs. E. B.

Make a strong solution of good soap-suds 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. Let it drip dry. Do not wring it and it will keep its shape.

About Aqua Ammonia

What is aqua ammonia and for what is it used?—Mrs. L. C. K.

Aqua ammonia is a solution of ammonia in water, sometimes called "spirits of hartshorn." Ammonia combines with acids and forms soluble salts. Therefore, it is useful in removing fruit stains and other acids from materials.

Spring Time is Bride Time

Springtime is ordained for the bride. And her friends are wondering how they can entertain for her. We have a pamphlet, "Showers and Wedding Anniversaries," which contains some delightful and new suggestions for showers. If you are among the fortunate persons who will entertain for a bride this spring, you will appreciate having this pamphlet.

The bride was not the only one thought of when our pamphlet was compiled. Anniversary parties for the man and woman who have spent one, 10, 25 and 50 years together have been planned, also.

Besides showers and wedding anniversaries, our pamphlet contains five plans for stork showers.

Send your order to the Shower and Anniversary Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan. The pamphlet is 15 cents.—Adv.

Mother's Strategy

When mother used to comb my hair
Each time I'd cry and whine,
And say, "Be careful, mother, ouch!"—
My hair is awfully fine
And tangles up so dreadfully
I'm always 'fraid she'll hurt, you see.

But mother's found a dandy way,
(You'll think it's rather queer)
For now she tells me fairy tales
Each time, and I can't hear
If I yell "ouch" or cry, you see,
So I am quiet as can be.

—Mrs. Velma West Sykes.

"Others" is Their Motto

ONE of the most active church organizations in Shawnee county is the Ruth Baird chapter of the World Wide Guild. It admits girls from 15 to 30 years old, and has a membership of 25, about half of which lives in the country. The chapter is named for one of its members who is training for foreign missionary service.

Two meetings are held every month. The program meeting consists of special music, readings, book reviews, current events, a lesson from the Mission Study book and a business session. Two missionary books are studied every year, and there is a standard book list. Every book in this list read by the girls counts one point toward a standard guild chapter.

Two public program meetings were held last year. The feature of the first was the guild initiation service, and that of the second was a debate between the guild debating team and a team of young men from another church organization.

The industrial meetings have been very successful. Layettes for needy families were the first task of the

year. Since then, the organization has been doing some definite work for various charitable organizations and mission centers. Two Christmas boxes packed with clothing and toys were sent to a mission school in Central America. Christmas baskets for needy families also are provided every year.

Social activities of the organization have not been neglected. Parties for all the young folks of the community are given each year. Spreads frequently are made a part of the meeting, and the annual spread held in the spring is one big social event.

Other things accomplished during last year are: Money sent to help build a church in China, money sent to a field worker to help her buy a typewriter and money given toward a new church building at home.

The girls have their own guild paper, their own yells written by one of the members and a guild song, the words of which were written by one girl and set to music by another.

"Others" is the motto of this organization, and the secret of its success is that every girl uses her own talents in the organization's work.



An Active Group of Shawnee County Guild Girls and Their Counselors, Mrs. David Foltz (Front Row) and Mrs. Grace Hannah (Back Row)

New Styles are Jaunty

Trimming Adds Daintiness to Children's Clothes

BY MRS. HELEN LEE CRAIG



1306—Stout Woman's Dress. Sizes 40, 42, 44, 46, 48 and 50 inches bust measure. Size 46 requires 4½ yards of 36-inch material.
 1305—Woman's and Misses' Dress. Sizes 16 years and 36, 38, 40, 42 and 44 inches bust measure. Size 36 requires 3 yards of 32-inch material for dress and 2 yards of 32-inch material for gimp.
 1302—Woman's House Dress. Sizes 36, 40 and 44 inches bust measure. Size 36 requires 3½ yards of 36-inch material with ¼ yard of 32-inch contrasting material.
 1130—Girls' Dress. Sizes 6, 8, 10, 12 and 14 years. Size 8 requires 2¾ yards of 36-inch material with ¼ yard of 36-inch contrasting material and 1½ yards of ruffling.
 1367—Woman's Dress. Sizes 36, 38, 40 and 42 inches bust measure. Size 36 requires 3¾ yards of 36-inch mater-

ial with 1¾ yards of 36-inch contrasting material.
 1287—Child's Dress with Bloomers. Sizes 2, 4, 6 and 8 years. Size 4 requires 2¼ yards of 36-inch material with 4¼ yards of binding.
 1302—Woman's and Misses' Cape. Sizes small, medium and large. Small size requires 2¾ yards of 34-material.
 1304—Woman's Dress. Sizes 36, 38, 40, 42, 44 and 46 inches bust measure. Size 36 requires 2½ yards of 36-inch material with 1¾ yards of 36-inch plaid material.
 9461—Child's Rompers. Sizes 1, 2 and 4 years. Size 4 requires 1¾ yards of 36-inch material with ¼ yard of 18-inch contrasting material.
 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 pattern desired.—Adv.

Repainting the Furniture?

If old paint must be removed this spring, use 1 pound of sal soda to 5 or 6 quarts of boiling water, or 1 pound of lye to 6 quarts of cold water. Apply with a mop as either solution will burn the hands and ruin anything it touches. Leave the solution on the paint for a short time, then remove with hot water and rubbing.

If a painted surface is rough but is to be repainted without removing the paint, first smooth with sandpaper and touch these uncovered spots with paint, letting them dry before painting the whole surface.

If woodwork or furniture is to be enameled it should have two coats of white house paint first, then one or two coats of the enamel. Enamel which has a slight cream or pinkish tinge is more attractive than a dead white enamel. Some housewives like to have their cupboards, shelves and the inside of their kitchen drawers enameled white. Shelves and drawers so treated are easily washed and require no paper. Home painting is not difficult to do. Agnes Volking.

Attention Replaces Scolding

How many times have you punished your child because he was tired or sick? I can hear the indignant denials of every mother who reads the above question. Yet think a moment. How many times soon after dinner have the little folks become quarrelsome, and how many times have you, perhaps a little tired and nervous yourself, spoken harshly and even punished them? You didn't, of course, realize that they were tired. But had you, instead of punishing, taken 10 or 15 minutes to rock the youngest one and persuade the others to draw their chairs around for a story, you would have been convinced that it was a little rest and

quiet that your quarrelsome youngsters needed. Doubtless the youngest one would have nestled down and become drowsy enough for his bed, while the others, rested and refreshed, would have begun a new round of happy play.

Then again a child may be sick—not seriously so, perhaps, for then proper care and consideration would be given him, but "fussily" so. Something has disagreed with him. His stomach is over-worked or full of undigested food, and his bowels are clogged with waste matter. In such condition how could one expect him to play happily and good-natured?

Not always, of course, is there a physical reason underlying naughtiness, but since that is the case many times, it behooves the wise parent before punishing to make sure that neither rest nor physic is more needed.

Mrs. Margaret A. Bartlett.

Hymn That Inspires Many

"Nearer My God to Thee," was written by Mrs. Sarah Flower Adams. She was born in Cambridge, England, February, 1805. Her father was editor of a weekly paper in Cambridge. Mrs. Adams was noted in her early life for her love of good literature, and in later years, for great zeal in her religious life. She contributed to the periodicals of the day, and her art criticisms were highly valued.

Under what circumstances Mrs. Adams caught the inspiration for the hymn is not known. It was first published in 1841 in a volume of sacred lyrics issued by a Mr. Fox of England. Mrs. Adams died eight years after its publication at the age of 44 years.

Perhaps no other hymn has been so great a comfort and inspiration to mankind as "Nearer My God to Thee." It is one of the hymns that never will die. Helen B. Chamberlin.

LEWIS' LYE
 The Supreme Soap Maker

The Universal Farm Cleanser

Dairymen
 Cattle Raisers
 Hog Raisers
 Poultry Raisers
 Motorists
 Garages
 Machine Shops
 Plumbers
 Painters
 Bottlers

For more than 60 years Lewis' Lye has made fine soaps and done the best work as a general cleanser in farm homes everywhere.

Every year it is being used, more and more—to take the burden of cleaning drudgery off the housewife—it is a money saver on your yearly supply of soap—it makes laundry work and dish washing easier—it keeps farm and dairy utensils clean and sweet. Cleans out water circulating systems in automobiles, tractors, trucks—removes grease from motors and farm implements.

The Truth about a Lye

This is the famous booklet which has made soap making easy and profitable—has brought relief from many household drudgeries—and helped to keep farm utensils clean and free from germs.

Over a million copies have already been distributed at a cost to us of many thousands of dollars. It is a valuable book—37 soap making recipes—40 miscellaneous uses—keep it. If you have not received yours—write for it at once. We will send it to you FREE.

PENNSYLVANIA SALT MFG. CO.
 Manufacturing Chemists
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Auto Owners WANTED!

To introduce the best automobile tires in the world. Made under our new and exclusive Internal Hydraulic Expansion Process that eliminates Blow-Out—Stone-Bruise—Rim-Cut and enables us to sell our tires under a

10,000 MILE GUARANTEE

We want an agent in every community to use and introduce these wonderful tires at our astonishingly low prices to all motor car owners.

Write for booklet fully describing this new process and explaining our amazing introductory offer to owner agents.

Hydro-United Tire Co.
 Dept. 128 Chicago, San Francisco, Pottstown, Pa.

25 cal. Regulation \$20 Blue Steel AUTOMATIC \$7.50

Powerful and accurate blue steel automatic with safety attachments; pocket size. Shoots 7 times. While they last at this low price.

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All Guns use Standard Ammunition

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If you need fence let us send you our 100 page Catalog. PRICES WAY DOWN on Farm, Poultry and Yard Fence Posts and Gates. We've saved thousands of farmers from \$10 to \$50 each. We can help you. Write today. ITS FREE.

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FARM FENCE

19¢ CENTS A ROD and up for a 36 inch Hog Fence; 28¢ a rod and up for 47 inch. WE PAY THE FREIGHT. Low prices Barbed Wire. Factory to User Direct. Sold on 30 days FREE TRIAL. Write for free catalog now. INTERLOCKING FENCE CO. Box 125 MORTON, ILLS.

When writing advertisers mention this paper

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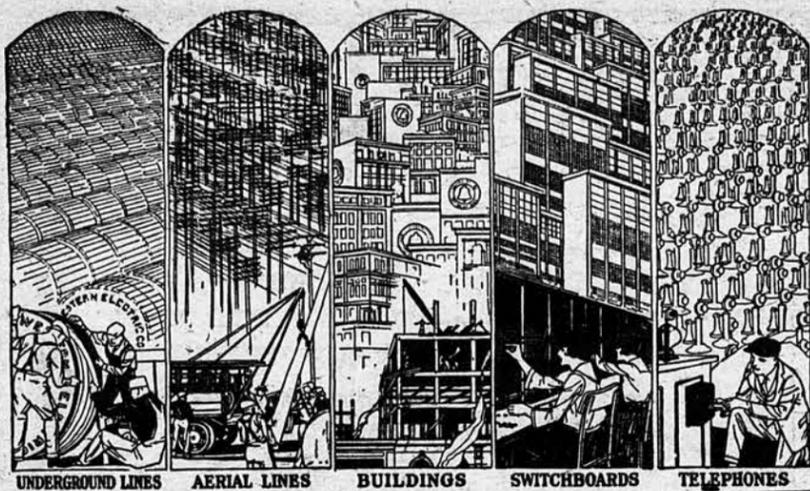
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Breaking Construction Records

Since 1920, faced with the greatest demand for service in telephone history, the Bell System has surpassed all previous records for the installation of new telephone equipment. In the last two years more than 1,000,000 additional stations have been added to the system by construction. This is equal to the entire number of telephones in Great Britain.

In 1921 alone, 450,000 new poles were placed—enough to make a telephone line from New York to Hong Kong. The aerial wire put into service in the same year, 835,000 miles in all, is enough to string 60 wires on such a telephone line.

1,875,000 miles of wire, enclosed in 1,500 miles of cable, were added to underground and submarine lines in 1921. New underground duct totaling 11,000,000 feet was constructed, this representing approximately 300 miles of subway. 69 new central office buildings and important additions were completed or in progress, and new switchboards with a capacity of many thousands of connections were installed.

This equipment added to the Bell System, great though it is in volume and value, represents but a small part of the vast property which enables the telephone on your desk to give the service to which you are accustomed. And to meet the increasing demands for new service, the work of construction goes on.



"BELL SYSTEM"
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
 AND ASSOCIATED COMPANIES
One Policy, One System, Universal Service, and all directed toward Better Service

RADIO SETS

Westinghouse Ariola, Sr., \$75.00
 Westinghouse Ariola, Jr., \$32.50

Complete set and directions for receiving grain and livestock markets and concerts in your own home, either in town or out in the country by RADIO telephone.

Send Check Today

Cold cash counts and first come first served. This is the market price, including extra wire and equipment. Everybody in the country wild about radio and all sets being bought up. IF YOU WANT A SET DON'T DELAY.

We are installing sets like these in our country grain elevators at Solomon, Hope and Lucas, Kansas, and if in that territory you are invited to listen in.

J. E. WEBER & CO. 924 BALTIMORE AVENUE
 KANSAS CITY, MISSOURI
 Stocks and Bonds—Cash Grain

MYERS HONOR-BILT
 FOR fifty years Myers Pumps have led the field. Myers Cog-Gear Hand Pump, Electric House Pump and Self-Oiling Bulldozer Power Pump are but three of this world famous line. All low in cost, simple, dependable. (10) Myers means highest-quality Pumps, Door Hangers, Hay Tools. See your dealer or write THE F. E. MYERS & BRO. CO. 521 Church St. Ashland, O.

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CLIMAX TILE COMPANY
 Our Hollow Tile Grain Elevators (round and square) are permanent. Lowest insurance. Cost very low. Our Silos are guaranteed. Prices reduced 50 per cent. We have Building Tile for all purposes. Estimates cheerfully furnished. Write for prices.

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The Genuine Bethany Falls Ground Limestone
 Guaranteed 90 per cent Calcium Carbonate. The best and therefore, the most economical agricultural limestone available in the middle Missouri Valley. Write for free booklet, "The Story of Lime." Price delivered to your station.

W. M. Spencer, Independence, Mo.
 When writing advertisers mention this paper

For Our Young Readers

Betty's Diary: All's Well That Ends Well

BY IRENE JUDY

DEAR DIARY: I have the best secret, and I am so glad you won't tell. It's my Christmas gift for mother—one of those pretty shawls that look so soft and clingy. I bought the yarn with some of my Thrift Club money. Miss Eleanor knit it for me in exchange for a filet yoke, which I crocheted this summer.

We girls of the Domestic Art class have been making gifts, too. I made a cretonne bag in which to keep soiled collars for father, a handy work bag and two dainty handkerchiefs. Just now we are making candies. It is the

My, what happy times we had—decorating the house with ropes of cedar and the bright autumn leaves that we pressed last fall, popping and stringing corn, making candles, tying up mysterious looking bundles and trimming the little tree which we brought from our woods on the bobsled.

Then came Christmas morning when Uncle Jack distributed the gifts. I don't know which pleased me most, the pretty lavaliere that he gave me or the beautiful little diamond ring which he slipped on Miss Burk's finger. Won't I just love calling her Aunt Madeline! Best of all was the surprise he and father had planned for mother—the deed to Wonder Acres. Just think of that dear place being our very own!

"How in the world did you ever do it, father?" I asked in the afternoon, finding a chance for the first time to talk to him.

Oh, how glad and proud I was when he put his arm around me, saying, "Little girl, you helped buy Wonder Acres. If you had not been so brave and cheerful this summer, when you thought you could not go to school, and so willing to work for your board and room when you had the opportunity, mother and I probably would have grown discouraged and wanted to leave the farm. The money you saved, by making your own way, and this year's fine crops helped a great deal. Then, too, I sold our house in the city. The rest is Uncle Jack's gift to mother. Now we will all work together raising bumper crops and lots of chickens, proving that our farm is a mine as rich in growing things as is Uncle Jack's in gold."

Such a lump of happiness came into my throat that I couldn't speak for a few minutes; then I just gave him a big hug and said, "God bless all of us and Wonder Acres!"—Betty Blue.



most fun and they simply melt in one's mouth! Of course the other scholars know what we are doing and they swarm around the door of the Domestic Science room like flies around a lasses barrel. By the time we divide with everyone who begs, "Please give us just one piece," our candy disappears like Simple Simon's snowballs.

This is also the week for exams. Every nook and window ledge of the school building holds a student busily engaged in cramming. I've reviewed until I feel like a combined complication of all the commas and consonants in Clippinger's English.

Just one more day until vacation! The week after Christmas: This has been a wonderful week. Such a deep snow fell that Uncle Jack had to come for Miss Burk and me in a bobsled, but that only made going home more fun.

About the Quiz Corner

All of the quiz corner contest letters are not in yet, so we'll have to wait until next week to announce the winners. This won't be an easy task, judging by the many replies already graded, 100 per cent.

From Our Letter Writers

I am 9 years old. I live on a 160-acre farm. I help my mamma raise chickens so we can have eggs to feed the city people. Frieda Kloepper, Everest, Kan.

The Best Place to Live

I live on a farm 13½ miles from Grinnell and I think the farm the best place to live. I have a pet cow. In the summer I raise chickens and have a garden of my own. I am 14 years old and in the first year in high school. The most interesting games we play are Dare-base, Hide-and-seek and Last-couple-out. We have a phonograph which we all enjoy very much. I have one brother and four sisters. I am the oldest of the family. I enjoy reading the letters from the young folks on our page. Anna Halbleich, Grinnell, Kan.

This Kitty Likes Music

I have a grey kitty. His name is Tom. He always goes out with us to milk. He catches a mouse 'most every night and sometimes he catches big rabbits, and even gophers. He likes for me to sing to him. He is all the pet I have. Clara Cusick, Caddoa, Colo.

Tiger, the Cat

I have a cat which I call Tiger. She is grey and brown with black stripes. She catches rats in the cow shed. While Papa is milking Tiger climbs upon his back. I have 26 little chickens and I also have a white calf. I have a share in a little red pony, too. I am 12 years old. Gladys Reece, Hazelton, Kan.

WHEN IS THE WORST WEATHER FOR RATS AND MICE?



ANSWER
 WHEN IT RAINS
 CATS AND DOGS.

If you fill in the missing spaces in the letters of this puzzle you will find when it is the worst weather for rats and mice. Send your answers to the Puzzle Editor, the Kansas Farmer and Mail and Breese, Topeka, Kan. There will be packages of postcards for the first 10 boys or girls answering correctly.

Solution March 18 puzzle: Missouri. The winners are Emmett Cochran, Mary Guthrie, Geneva Bergsten, Eva Sule, Hazel Powell, Bernice Wiley, Anna Courtois, Pauline Martin, John Crawford and Wace Morey.

The Boy We Like

The boy who never lies. Even white lies leave black spots on the character. —Boy's Life.

Health in the Family

BY DR. C. H. LERRIGO

Building Up the System is Not Always a Very Easy Matter

ONE of the most important letters to reach me lately is from a Kansas girl 20 years old who has been told that she has nervous dyspepsia and must "build up." Whether it is because of "nervous dyspepsia" or tuberculosis or some other complaint the process of building up meets with much the same difficulties. It sounds easy enough to tell the patient to eat plenty of nourishing food but the person who is ill does not always have taste or appetite for the food, in fact, there may be positive rebellion towards it. So "building up" is not a simple matter that can be handled in the regular run of the day's work. Probably the patient will have to give it his whole attention.

The very best way is to take it like the person who has incipient tuberculosis. Begin by going to bed. Let the bed be in the fresh air but be sure that enough warm covering or artificial heat is used to keep the body thoroughly comfortable. Don't attempt to force the diet at first. Just wait. A day or two of lying in the open air will bring an appetite. Then satisfy it by the most nourishing food possible, such as milk and eggs. There is no particular advantage in eating the eggs raw. They may be cooked moderately, but not to the point of indigestion. Whole milk is better than the skimmed article, but if the stomach does not digest rich milk it may be diluted or skimmed. Constipation may be overcome by eating apples and other fresh fruit, and all seasonable vegetables. It is not unusual for a patient to consume 6 eggs and 2 quarts of milk daily but there is no virtue in crowding the diet beyond the appetite. Eat only what the stomach can digest. A most important part of building up is to have mind and body at rest. Add to this the nourishing food and you can accomplish wonders.

Excessive Fat Development

I have a girl 13 years old that is very fleshy and I am writing for information as to proper dieting to enable her to get thinner. Her weight is 203 pounds and her heart is affected from her surplus flesh.

F. K. F.

This is not a simple case of obesity. This girl is ill and needs very careful attention or her heart will be seriously damaged. An exclusive milk diet will be very beneficial but she must be closely watched by a physician. In this case suitable medicine should be helpful.

Defective Arches

Will you please tell me what causes calluses on the ball of the foot and what might give relief? The entire ball of the foot pains to such an extent I can scarcely walk up any incline.

K. E. L.

I think this is probably due to defective arches. Perhaps you will have to wear arch supports for a time, but a skillful doctor can bandage the feet with adhesive plaster so as to give prompt relief. You should take exercises to strengthen the natural arches rather than depend upon artificial supports.

Treatment for Psoriasis

What is the remedy for a skin disease which is evidenced by red spots that become scaly? The epidermis, it seems, dies and scales off. There is no discomfort or irritation accompanying the disease, unless the spots are chafed by clothing and sometimes, (on my hands) by being in water too long. Is it eczema?

H. H.

If these scaling patches show a white, glistening base, as I suspect, the trouble is not eczema but psoriasis. This is a very stubborn disease. Fortunately it does not seem to affect the general health seriously. The only treatment that is effective is improvement of nutrition of the skin and the whole body. Fatty foods such as cream and butter are helpful. A daily bath helps to keep the skin in a healthy state.

How To Remove Moles

I have a number of moles on my face. Last year they seemed to be noticeably larger. What would you advise me to do? I would not worry if they didn't keep getting larger but I am only thirty-two, so I am afraid they will be terrible when I am old.

G. D.

You can have the moles removed by the electric needle without danger and very little pain. I recommend this by all means.

WIN \$1,000.00

OR AN

Oakland TOURING CAR

WHO ARE THEY?

- ① MAIL HER B DRESS CHART
- ② NOT THY DOOR LAD
- ③ NO BEE IN RUGEE
- ④ DAM NO LARD IN THE CAKE
- ⑤ VC GIN RING IS MUM
- ⑥ MAN GOT REAL MAD
- ⑦ O ARE NOT IN MOON
- ⑧ LOONS SAW A GRIN
- ⑨ I WILL SELL AS RUM
- ⑩ BENT MOST COPY



I KNOW NO 3

10 IS BETTY COMPSON

Can You Solve This Movie Puzzle?

On the Movie Screen above are the names of 10 Movie Stars rearranged. The operator played a joke on the audience, and you'll admit it was a good one.

TO SOLVE THE PUZZLE, rearrange the letters in the funny sentences on the screen so that they will spell each actor's or actress' name. For example: No. 10 is Betty Compson. If you can name all ten stars you can win the Oakland car or \$1,000.

Probably you know the names of the most popular stars, but just to refresh your mind we are mentioning below a few of the most famous players: Douglas Fairbanks, Betty Compson, Elsie Ferguson, Norma Talmadge, Antonio Moreno, Charlie Chaplin, William Russell, Gloria Swanson, Anita Stewart, Richard Barthelmess, Katherine MacDonald, Irene Castle, Dorothy Dalton, Harold Lloyd, Eugene O'Brien, Irving Cummings, Wallace Reid and Mary Pickford.

185 "Points" Wins First Prize

You will receive 10 "Points" toward the Oakland Touring Car or the \$1,000 for each name you arrange correctly, or 100 "Points" if you arrange all 10 names correctly. You can gain 60 "Points" more by qualifying your answer. This is done by proving you have introduced HOME FOLKS, an interesting and educational magazine for the Home, to five people. The final 25 "Points" will be awarded by three judges, not connected with this company, to the person making up the nearest correct list of words from the initials of the first and last name of each Movie Star. But DO NOT send in your list of words now. Send us your answer to the Puzzle first and we will write and tell you how to get up your word list.

Costs Nothing to Try—You Can Win

You will not be asked to subscribe to HOME FOLKS or spend a single penny of your money in order to win. We merely want your help in introducing Home Folks to five of your friends. Just write your answer to the Movie Puzzle on one side of a sheet of paper and PRINT your name and address in the upper right hand corner. The answer gaining 185 "Points" will win the Oakland or the \$1,000. There are 25 Big Prizes in all. In case of a tie, all tying contestants will receive the same prize. Do your best and you can win. Contest closes May 27, 1922. Answer the Puzzle NOW and send your answer to:

Home Folks Publishing Co. Dept. 54

Chamber of Commerce ST. PAUL, MINN.

Our Special 1922 Campaign Offer

Kansas Readers Only

The Topeka Daily Capital

Daily and Sunday—7 Issues a Week

\$3.50 From Now Until \$3.50

November 15, 1922

This is State Campaign Year and Kansans are always active and alert in politics. You want to know who are candidates and what they advocate before you vote in the August primary. You can then cast a more intelligent vote in the general election in November.

The Topeka Daily Capital keeps in close touch with every section of the State and is the Official State Paper of Kansas.

We will also keep you posted with National affairs from Washington, D. C.

WHY NOT be posted?

Mail Your Check Do It Now

Use This Coupon

Offer Not Good in City of Topeka

The Topeka Daily Capital, Topeka, Kansas

Enclosed find \$..... for which send me The Topeka Daily and Sunday Capital to November 15, 1922.

Name.....

Address.....

Insist on Advertised Goods When You Go to Your Dealer

Letters Fresh From the Field



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

How to Kill Cutworms

I worked on my father's farm last summer and as I went to the field I had to pass one of our neighbor's corn fields. Every day this corn would look as if it had been thinned and one day I mentioned it to my father. He said we would examine it the next time we went that way.

Upon investigation we found the stalks cut off close down to the ground and by looking closely you could see that the ground had been slightly disturbed and 2 or 3 inches below the ground we dug out a cutworm. This field was planted three times and the corn that was not destroyed never fully matured. The cutworm not only feeds upon corn but grass and garden crops.

There are several ways of controlling the cutworm and if my neighbor had known them he probably would have saved several hundred dollars. The best method of eradication is by the poisoned bait which is composed of 20 pounds of bran, 1 pound of Paris green or crude arsenic, 2 quarts of cheap sirup, 3 lemons, and 3 1/2 to 4 gallons of water. Let this bait set several hours to attain its greatest strength so as to kill practically all the worms, and scatter thinly late in evening. To prevent them practice fall plowing or pasturing the land with hogs so as to destroy the eggs and larvae.

Marysville, Kan. Roy Talbot.

Wearing Out the Land

The average Eastern man and swivel-chair agriculturist is very fond of gushing about the "development of our

resources." As a matter of cold, bitter truth, what is really going on is destruction of our resources. Only a few years ago the Illinois Agricultural Experiment Station issued a bulletin entitled "How to Restore the Worn-Out Lands of Illinois." This situation was fairly summed up in "The Breeders' Gazette," December 8, 1920, as follows:

"All cornbelt soils have been impoverished by years of grain-growing; some are being improved and maintained in a high state of fertility. Most soils, however, are so deficient in available plant food and bacterial action that they are fore-doomed, under existing systems of farming, to produce small yields of inferior quality. The majority of farmers are cropping depleted soils."

You can scarcely pick up a paper that does not contain a report or a warning about our disappearing timber tracts, coal mines, and oil wells. To this should be added a word of caution about the rapid depletion of the fertilizing elements in our soils. About nine of every 10 farmers are busily engaged in robbing their farms—a process known hereabouts as "selling their farms by the load"; that is, they are constantly selling stuff from the land, and as they never put anything back the result will be "worn out lands" in the near future.

Ballston Spa, N. Y. Frank Whalen.

Likes Clean Elections

As a citizen of Kansas, and a wage earner I belong to what is known as the common people. But as a citizen I feel that I have a right to criticize or commend as long as it is done honestly and is from the heart.

I certainly wish to congratulate Senator Capper's advocacy of clean elections and his stand in the Newberry case. It proves that he is for the people and that he stands out for principle of justice. Long may he live.

Sanford Johnson.

Herington, Kan.

Ever Buy Laughing Gas?

Refining Company Gives a Laugh With Every Purchase

BY FRANK A. MECKEL

Did you ever drive past a gasoline filling station and amuse yourself by reading some of the epigrams chalked outside on the slate? Perhaps, you have wondered who concocted all of these funny things and why he concocted them.

The boy and the slate is a nationwide institution of one of the largest refiners of oil and gasoline. The humorous sentences chalked on the slate are read all over the country by motorists and thousands of other people as well. They are the same all over the country, and they change every day. Folks in San Francisco read the same joke on the slate today that folks in New York read, and they are all coined by a man in Cleveland, Ohio, the home of the refining company.

That man is Charles L. Archibald, advertising manager of the company, and one of his duties is the origination of these sayings. He gets his ideas anywhere he finds them, on dance floors, drug stores, garages, restaurants, hotels, offices and on the streets. It was on a dance floor where he got his idea for the epigram which appeared on the slate some time ago, "Some love to dance, others dance to love" and another, "The future of the shimmy is shaky."

While watching an office girl powdering her nose one day, an idea came to Archibald so he sent out the epigram, "Be it ever so homely, there's no face like your own."

After attending the wedding of a friend one night he came home and wrote this one, "It isn't the first kiss that counts, it's the up-keep." In a restaurant one morning he conceived of this one, "A grapefruit is a lemon that had a chance and took it."

Some of his epigrams are funny, others are serious and they all contain a punch that makes them interesting all over the country. A garage man in a Western town recently received a letter from a tourist which said in

part, "I was passing thru your town yesterday and saw only a part of the epigram on the slate in front of your garage. I want to know what it was. Please write me all of it."

Another garage man in a Western town got "in bad" when he displayed the sign, "A bowlegged girl may be ever so pretty, but she's always in bad shape." The woman's club of the town got the police after the garage keeper, but when the police saw the sign, they just doubled up laughing.

Vaudeville actors write to Archibald every day asking for some of his epigrams to use as stage patter. His services in epigrams are very much in demand. Some of them advertise his product in a remarkable way, while others have nothing at all to do with the oil business. For instance, "Oily to bed and oily to rise is the fate of a man when an auto he buys" is evidently a significant epigram for the oil business, while "You can't loaf and have dough" is an example of one that is off the subject of oil completely.

Some of Archibald's epigrams are: "A rich man has a twin six while a poor man has six twins."

"The social swim is full of swells." "The public be jammed in the street cars."

"All dumb-bells are not silent." "Many are dead but they won't lie down."

"A green salesman sells more than a blue one."

"Some folks are wound up but they never go."

"The fellow who invented spaghetti used the noodle."

"It's a short road that has no detours."

They have all appeared on the boy's slate. Many of you have read them and have laughed with millions of other folks in every town in the country as you did so and no doubt have often said, "I wonder who gets up all that stuff?" Well, now you know.



Save your back!

Put a Columbia "Hot Shot" Ignition Battery under the front seat of your Ford, and use its current for sure-fire ignition while starting. Full ignition power instantly, regardless of weather. The Columbia "Hot Shot" No. 1461 fits under the front seat—put it there today.

Columbia Dry Batteries for all purposes are for sale by implement dealers; electricians; auto accessory shops; garages; hardware stores; general stores. Insist upon the genuine Columbia.

Columbia Dry Batteries work better and last longer

- for ignition on the Ford while starting
- for gas engines
- for tractors
- for bells and buzzers
- for thermostats
- for dry battery lighting outfits in closet, cellar, garage, barn, woodshed, etc.

The world's most famous dry battery. Used where group of individual cells is needed. Fahnestock Spring Clip Binding Posts at no extra charge

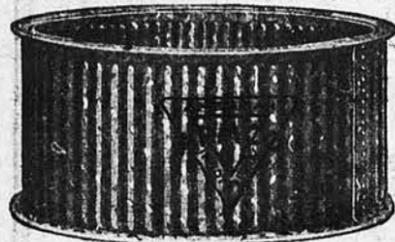


Columbia Dry Batteries

—they last longer

TANKS! Buy "Armco" Long Life Tanks TANKS!

This popular 5-barrel tank (4 feet across) is a world beater in both quality and price. Built of famous "Armco" Ingot Iron, it lasts 4 to 5 times as long as ordinary "steel" tank. Strong 20-gauge material, milled 2 1/2 per cent over-size and extra heavily galvanized. Corrugated so that it is 27 times as strong as plain tank. Seams packed and riveted; no solder to give way and cause leaks. You can't buy a sturdier tank. Remember our new low factory price of \$8.85 for the 5-bbl. size includes freight prepaid to your station. Order direct today or write for complete catalog of stock, wagon and oil tanks.



\$8.85
f. o. b. Your Station

TOPEKA TANK CO.,
400 E. 15th St., Topeka, Kansas

Write for Book Today



FARM WAGONS

High or low wheels—steel or wood—wide or narrow tires. Steel or wood wheels to fit any running gear. Wagon parts of all kinds. Write today for free catalog illustrated in colors.

ELECTRIC WHEEL CO., 30 Elm Street, Quincy, Ill.



CYCLONE FENCE



Make your home more pleasant and attractive with Cyclone Lawn Fence. Fabric furnished in beautiful designs, for erection on wood posts. Gates to match fence. Easy to erect, economical, and durable. Popular heights, 36, 42 and 48 inches.

Write Dept. N 400 for 1922 Catalog
Cyclone Fence Company
Waukegan, Ill.

SEE YOUR DEALER

PENDERGAST Fence Prices

Are Absolutely The Lowest

Yes Sir! You can save REAL money now on Pendergast guaranteed quality fence and at absolutely the lowest price—but you must hurry.

We Pay Freight

Delivered to your station. We ship promptly. Get our new reduced prices and folder showing styles. Write today to our nearest factory.

PENDERGAST FENCE CO. INC.

333 Main St. Stillwater, Minn. 234 Eaton St. Fort Madison, Ia. 435 Division St. Elkhart, Indiana



Dairying and Printers' Ink

Co-operative Advertising Campaign by Producers Boosts Milk Sales in Wichita in a Wonderful Way

CO-OPERATIVE advertising in daily newspapers is stimulating and building up the dairy business around Wichita, Kan. A campaign in which 14 dairymen are working together and dividing the expense has been running for several weeks and has resulted in an increased demand for milk.

"Drink More Milk" is the slogan back of the campaign but the dairymen did not stop with that bit of good advice to the public. Their copy contains a punch because it tells just why

babies and growing children constantly is emphasized. The campaign went well from the start. Many dairymen stated that a number of their customers had doubled their milk orders and others had increased the amount of milk they used.

The advertising campaign was launched following the organization of the Wichita Dairymen's League. In addition to increasing the demand for milk the Dairymen's League is seeking to give the public better service in delivery and an improved product. By

Building a Boy or Girl

HERE IS A MORE DIFFICULT AND DELICATE TASK THAN REARING A SKY-SCRAPER

FIRST comes the framework, the bony structure, which must be strong and of good materials.

Next comes sturdy muscles, full of the resilience that gives grace, strength, ease of movement. Then firm, clean, solid flesh, thru which rich, pure, red blood should course, furnishing splendid vitality and health. You judge your sky-scraper by the materials from which it is made. Flimsy wood may give the appearance of stone, but storm and fire will quickly destroy it and all your labor is lost.

MILK



YOU may rear your boy on improper diet, but the risk is great—too great. If some element in the diet is absent, sooner or later your child will suffer for the lack in his food. Do not let the realization of this come home to you when it is too late.

Milk forms the perfect, balanced food that gives your boys and girls every food element for growth and also supplies the energy for daily study and play.

Give your boy or girl at least one quart of milk a day. If you do this you are building bones and flesh, making rich blood, providing energy to run the intricate, living, breathing machine.

MILK GIVES YOU MORE FOOD FOR LESS-MONEY INCREASE YOUR ORDER TODAY

more milk should be consumed, points out its superiority as a food and emphasizes its value in strengthening and aiding in the development of growing children.

To start the advertising campaign the dairymen brought out that many Wichita families use only a quart of milk a day for drinking and cooking purposes altho physicians urge a quart a day for a growing child and at least a pint a day for an adult for drinking alone.

One advertisement used was headed: "Milk—The Body Builder of Infancy—The Mainstay of Maturity."

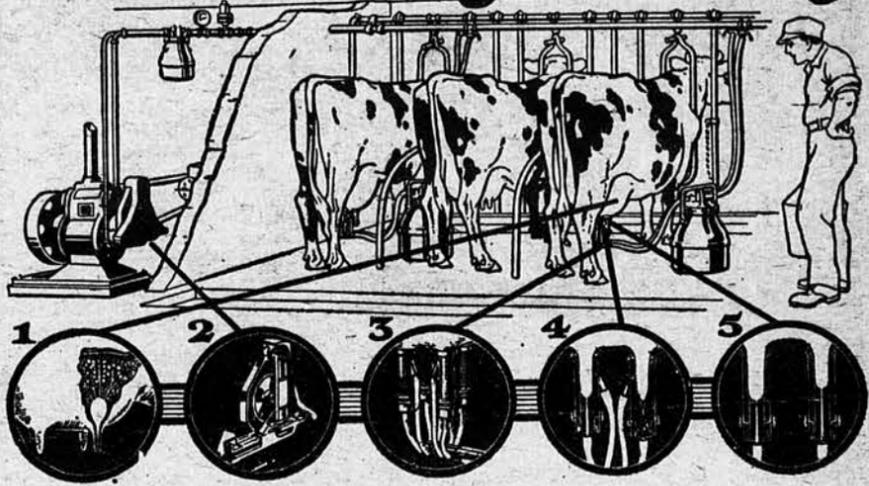
The value of milk as a food for

co-operation and the exchange of ideas the dairymen hope to establish a higher standard for the industry, increase production, improve the product and give the consumers more for their money.

Members of the league are the DeCoursey Cream Company, Linwood Dairy, Sayers' Dairy, Suhm's Dairy, Lone Pine Dairy, Jones & March, Swinehart's Dairy, Craven's Dairy, Custer's Dairy, Bock's Dairy, Campbell's Crescent Dairy, Van Orden's Dairy, Higgins & Farris Dairy and Gosney's Dairy.

R. L. Custer is permanent chairman of the league, A. T. Sayers, vice chairman and J. W. Higgins, secretary.

The Better Way of Milking



(1) It Works in Harmony With the Cows

A cow's udder is extremely delicate and sensitive, and responds best to certain methods of milking—and it is due to the fact that the De Laval Milker works in harmony with the cow, in observance of the principles of milk secretion, that better results are obtained with it than with any other way of milking.

(2) Uniform Pulsation Action

Cows like and respond best to uniformity of pulsations or squeezes. Pulsation speed of the De Laval Milker is governed by a master control which is geared to the pump, and is as regular and uniform in its action as the pendulum of a clock. Every milker unit runs at exactly the same speed as the master control and cannot be changed at the whim of the operator. The De Laval is the only milker which has this feature.

(3) Pulsator Close to Udder

Vigorous and stimulating action, which cows like so well, is secured with the De Laval because the pulsator is located close to the udder. Pulsations reach the teat-cups in the shortest possible time and produce vigorous action and abrupt periods of release and massage so stimulating and soothing to the cows. The pulsator has only one moving part, is non-adjustable, re-

quires no oiling, and will run for years without attention. No other milker has these features.

(4) Alternating Action

The alternating action of the De Laval causes milk to be drawn from two teats, while the other two teats are given a massage and brief rest period. In this manner an even and continuous flow of milk is drawn from the udder—another reason why the De Laval is so successful and milks faster and better than any other way.

(5) Self-Adjusting Teat-Cups

De Laval Teat-cups fit all sizes of teats. No metal touches the teat, and the rubber liner fits snugly about the teat, permitting the vacuum to be applied only to the point of the teat and not to the sides. This, together with other exclusive advantages, accounts for the pleasing and gentle action of the De Laval Milker, and is one of the many reasons why the cows like it so well.

There are thousands of satisfied De Laval Users, many of whom state that they would get rid of their cows if they couldn't have a De Laval. Others say they wouldn't be without it for twice the price it cost, while practically all agree it produces more and cleaner milk, saves time and makes dairying more pleasant and profitable. Write for full information.

The De Laval Separator Co.
New York Chicago San Francisco
165 Broadway 29 E. Madison St. 61 Beale St.

Sooner or later you will use a De Laval Milker and Cream Separator

\$24.95 Upward **American CREAM SEPARATOR**

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

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W. S. Dickey Clay Mfg. Co.
Established 1885
Kansas City Missouri

Fees on Mortgages in Alabama

ALABAMA'S Supreme Court has sustained a law of that state exempting mortgages from taxation and charging a fee for recording of 15 cents on \$100. It has a bearing on both Federal Land Banks and Joint Stock Land Banks, which had refused to pay the fee on the ground that their mortgages are tax exempt.

The court holds, consistently with former decisions, that a fee is not a tax, and requires the banks to pay. There can be little question that a fee charged for the performance of a service by the state is not taxation and has nothing to do with taxation. It might perhaps be otherwise if the state required mortgages to be recorded, but there is no compulsion upon mortgagees to record their contracts. The state provides this convenience for them if they care to make use of it and for the service makes a charge. At even 15 cents on \$100 the charge is far from excessive, if the value of the service is considered. The recording of a mortgage is a protection of great value to the mortgagee, the state regarding it as notice to all others.

While this decision is likely to be appealed it is difficult to see how the federal courts can find any fault with it. States certainly possess the power to make a charge for privileges and services that they provide for the convenience and protection of the public, and even if land banks and joint stock banks were considered federal agencies, yet the federal government has no right to use a service set up by a state and refuse to pay the charge uniformly made for the service. The Alabama fee is not high enough to put the joint stock or land banks out of business, tho so far as it goes it places them on the same footing as private investors. They already enjoy a favored position by reason of tax exemption.

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Consult your veterinarian or druggist. Write for free booklet on blackleg, No. 351.

Animal Industry Department of
Parke, Davis & Company
DETROIT, MICH.

White Diarrhea

Remarkable Experience of Mrs. C. M. Bradshaw in Preventing White Diarrhea

The following letter will no doubt be of utmost interest to poultry raisers who have had serious losses from White Diarrhea. We will let Mrs. Bradshaw tell of her experience in her own words:

"Gentlemen: I see reports of so many losing their little chicks with White Diarrhea, so thought I would tell my experience. I used to lose a great many from this cause, tried many remedies and was about discouraged. As a last resort I sent to the Walker Remedy Co., Dept. 47, Waterloo, Iowa, for their Walko White Diarrhea Remedy. I used two 50c packages, raised 300 White Wyandottes and never lost one or had one sick after giving the medicine and my chickens are larger and healthier than ever before. I have found this company thoroughly reliable and always get the remedy by return mail.—Mrs. C. M. Bradshaw, Beaconsfield, Iowa."

Cause of White Diarrhea

White Diarrhea is caused by the Bacillus Bacterium Pullorum. This germ is transmitted to the baby chick through the yolk of the newly hatched egg. Readers are warned to beware of White Diarrhea. Don't wait until it kills half your chicks. Take the "stitch in time that saves nine." Remember, there is scarcely a hatch without some infected chicks. Don't let these few infect your entire flock. Prevent it. Give Walko in all drinking water for the first two weeks and you won't lose one chick where you lost hundreds before. These letters prove it:

Never Lost a Single Chick

Mrs. L. L. Tam, Burnetts Creek, Ind., writes: "I have lost my share of chicks from White Diarrhea. Finally I sent for two packages of Walko. I raised over 500 chicks and I never lost a single chick from White Diarrhea. Walko not only prevents White Diarrhea, but it gives the chicks strength and vigor; they develop quicker and feather earlier."

Never Lost One After First Dose

Mrs. Ethel Rhoades, Shefandoah, Iowa, writes: "My first incubator chicks, when but a few days old, began to die by the dozen with White Diarrhea. I tried different remedies and was about discouraged with the chicken business. Finally, I sent to the Walker Remedy Co., Waterloo, Iowa, for a box of their Walko White Diarrhea Remedy. It's just the only thing for this terrible disease. We raised 700 thrifty, healthy chicks and never lost a single chick after the first dose."

You Run No Risk

We will send Walko White Diarrhea Remedy entirely at our risk—postage prepaid—so you can see for yourself what a wonder-working remedy it is for White Diarrhea in baby chicks. So you can prove—as thousands have proven—that it will stop your losses and double, treble, even quadruple your profits. Send 50c for package of Walko—give it in all drinking water for the first two weeks and watch results. You'll find you won't lose one chick where you lost hundreds before. It's a positive fact. We guarantee it. The Leavitt & Johnson National Bank, the oldest and strongest bank in Waterloo, Iowa, stands back of this guarantee. You run no risk. If you don't find it the greatest little chick saver you ever used, your money will be instantly refunded.

WALKER REMEDY CO., Dept. 47, Waterloo, Iowa.

Send me the 50c regular size (or \$1 economical large size) package of Walko White Diarrhea Remedy to try at your risk. Send it on your positive guarantee to instantly refund my money if not satisfied in every way. I am enclosing 50c (or \$1.00). (P. O. money order, check or currency acceptable.)

Name

Town

State

Mark (X) in square indicating size package wanted. Large package contains nearly three times as much as small. No war tax.

Wheat Gets Another Crimp

Small Exports and Weak Demand Depress Prices

BY JOHN W. SAMUELS

MARKET conditions during the last week have been more or less nervous and erratic. Alternating strength and weakness in the wheat market developed as reports were received of favorable and unfavorable crop reports and as unfavorable news came in concerning irregular foreign markets and the varying volume of demand. Prices of wheat at the close of the market showed net weekly gains of 1/4 to 1 1/2 cents.

Kansas City still has more wheat than is now found at any other point. Its stocks of wheat total 8,867,000 bushels and this amount is unusually large for this time of the year. Export demand for wheat during the week for the most part has been dull and foreign countries made practically such small purchases that they were negligible.

New Crop Shows Improvement

Conditions of the new wheat crop have improved considerably on account of the recent rains and it is thought that the change since last December will amount to at least 4 or 5 per cent. The Government report for December showed a condition of 76 per cent. This is four to five points under the 10-year average for April. On this basis the forecast for the yield of the new crop will range from 550 to 580 million bushels for the United States. The acreage abandoned this year it is thought will not exceed 10 per cent.

Corn like wheat during the week showed a somewhat nervous market and while futures fluctuated thru a range of 2 to 2 1/2 cents the net change for the week was small. Exports were fairly liberal and showed a total of 3,661,000 bushels as compared with 3,682,000 bushels last week and 1 1/4 million bushels a year ago.

Kansas City Grain Quotations

The following quotations are given at Kansas City on grain futures: May wheat, \$1.18 3/4; July wheat, \$1.09 1/2; September wheat, \$1.03 3/4; May corn, 51 3/4c; July corn, 55 1/2c; September corn, 58 1/4c; May oats, 32 3/4c; July oats, 34 3/4c.

Kansas City cash grain prices also showed declines this week. Hard and dark hard wheat were about 2 cents lower while Red wheat showed declines of 1 cent to 2 cents a bushel.

The following quotations are given at Kansas City:

No. 1 dark hard wheat, \$1.35 to \$1.48; No. 2 dark hard, \$1.34 to \$1.48; No. 3 dark hard, \$1.33 to \$1.47; No. 4 dark hard, \$1.30 to \$1.45; No. 1 hard wheat, \$1.21 to \$1.42; No. 2 hard, \$1.20 to \$1.41; No. 3 hard, \$1.18 to \$1.39; No. 4 hard, \$1.15 to \$1.38; No. 5 hard, \$1 to \$1.15; No. 1 Red wheat, \$1.28 to \$1.31; No. 2 Red, \$1.25 to \$1.37; No. 3 Red, \$1.18 to \$1.21; No. 4 Red, \$1.13 to \$1.16; No. 2 mixed, \$1.22; No. 3 mixed, \$1.20; No. 4 mixed, \$1.19.

Corn this week was in just fair demand, and prices were unchanged to 1 cent lower. The following quotations are given at Kansas City:

No. 2 White corn 51 1/2c to 52c; No. 3 White, 51 1/2c; No. 4 White, 51c; No. 2 Yellow corn, 52 1/2c to 53c; No. 3 Yellow, 52 1/2c; No. 4 Yellow, 52c; No. 2 mixed corn, 51 to 51 1/4c; No. 3 mixed, 51 1/2c; No. 4 mixed, 51c; No. 5 mixed, 50 1/2c.

Prices of other grains are quoted as follows:

No. 2 White oats, 36 1/2 to 37 1/2c; No. 3 White, 35 to 35 1/2c; No. 4 White, 34 to 35c; No. 2 mixed oats, 35c; No. 3 mixed, 32 to 34c; No. 2 Red oats, 35 to 36 1/2c; No. 3 Red, 32 to 35 1/2c; No. 4 Red, 30 to 33c; No. 1 White kafir, \$1.26; No. 2 White, \$1.26; No. 3 White, \$1.25; No. 4 White, \$1.24; No. 1 milo, \$1.42; No. 2 milo, \$1.37 to \$1.41; No. 3 milo, \$1.36 to \$1.40; No. 4 milo, \$1.35 to \$1.37; No. 2 rye, 88 1/4c; No. 3 barley, 54 to 56c; No. 4 barley, 52 to 52 1/2c.

Weak Demand for Millfeeds

The demand for millfeeds at Kansas City this week has been somewhat limited and demand has been light. The following quotations are reported at Kansas City: Bran, \$22 to \$22.50 a ton; brown shorts, \$25 to \$25.50; gray shorts, \$26 to \$26.50; linseed meal, \$57.50; cottonseed meal and nut cake, \$52.50; cold pressed cottonseed cake, \$46; tannage, \$70; No. 1 alfalfa meal, \$18 to \$21; No. 2 alfalfa meal, \$15 to

\$16.50; brown alfalfa meal, \$13.50 to \$14; molasses alfalfa feed, \$16 to \$20.

The following prices are reported in Kansas City for seeds: Alfalfa, \$11.50 to \$16 a hundredweight; timothy, \$4.75 to \$5.50; clover, \$17 to \$21; bluegrass, \$30 to \$50; German millet, \$1.10 to \$1.40; Siberian millet, \$1.15 to \$1.25; cane, \$1 to \$1.35; Sudan grass, \$2.85 to \$3.25; flaxseed, \$2.05 to \$2.07 a bushel.

Hay prices now show considerable strength and there is good demand. The following prices are quoted in Kansas City:

Choice to fancy alfalfa, \$26 to \$30 a ton; No. 1 alfalfa, \$22 to \$23.50; No. 2 alfalfa, \$15 to \$18; No. 3 alfalfa, \$12 to \$14.50; No. 1 prairie hay, \$11 to \$12.50; No. 2 prairie, \$9 to \$10.50; No. 3 prairie, \$6.50 to \$8.50; packing hay, \$5 to \$6; No. 1 timothy hay, \$15.50 to \$16.50; standard timothy, \$14.50 to \$15; No. 2 timothy, \$12.50 to \$14; No. 3 timothy, \$9.50 to \$12; light mixed clover, \$15.50 to \$16; No. 1 clover, \$13 to \$15; No. 2 clover, \$9.50 to \$12.50; straw, \$7 to \$8 a ton.

Students Judging Contest

The Fourth Annual Grain Judging Contest, one of the greatest events of the school year at Kansas State Agricultural College, will take place Saturday, April 15.

Hundreds of Aggie students will vie with one another for honors and numerous large cash prizes, and subscriptions to America's leading farm papers offered by grain houses, publishers and prominent farmers of the Missouri Valley. Exceptionally keen competition will be offered by the millers attending the Elevator Men's Short Course which will be in progress at that time. A \$10 cash prize for highest score made on identification of fertilizers will be a special feature of this year's contest. It is put on under the auspices of the Klod and Kernel Klub—a student organization working toward the advancement of agricultural interests. It is managed this year by Samuel Piekard, a junior student in the agronomy department.

Southwest Colorado Stock Show

One of the coming events of interest to Colorado stockmen is the Southwest Stock Show which is to be held at Lamar, Colo., on April 14 and 15. Frank Reynolds, secretary of the dairy cattle section, announces many valuable cash prizes for purebred cows, purebred bulls, purebred herds and also for grade herds.

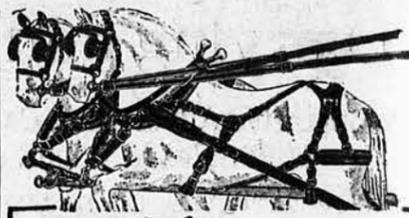
In the beef cattle section in which Hayes Williams is superintendent, a number of cash prizes will be given in the Hereford and Shorthorn divisions, and also in the feeder division.

In the swine section prizes will be offered for best exhibits of Poland Chinas, Duroc Jerseys, and Hampshires.

Equally attractive prizes are also offered in the horse, cattle and sheep sections. Further information may be obtained from Alyn Cole, the secretary at Lamar, Colo.

Invest Safely and Profitably

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



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 209 So. 11th St., Lincoln, Neb.

Capper Poultry Club

Everyone is Working Now—The Pep Race Has Begun

BY RACHEL ANN GARRETT
Club Manager

IT IS said that in order to win success, we must be as strong on the finish as we are on the start. If the close of the pep contest finds county clubs and club members as enthusiastic as they are now, the race will be a good one. Several counties held meetings in March, and now, with the county leaders elected, "The Fight is On."

There was the usual last minute rush for bargains just before enrollment closed. Osage county had been sleeping or was absent minded or something of the sort, for in all the months of organization, not one application had been received. Then, one day, toward the last, at the eleventh hour and fifty-ninth minute, to be exact, Mrs. Morton Smith discovered the fact that there was no Poultry Club in Osage county. Did she lament the fact, and go on her way? No, indeed. She made good use of her telephone and Uncle Sam's mail service, and the result was applications and recommendations one after another. Today we have a lively club in Osage county—a club that is a winner, and means to carry home the trophy cup.

County Leaders for 1922

Practically all of the county leaders have been elected, and the few remaining ones will have been elected by the time this story appears in print. Of course, you'll wish to know "who's who" this year in the various county clubs, so I'm listing the leaders here. If you're not acquainted with your county leader, write to her, or go to see her. She is a very important factor in your county club, but without your help she is powerless to accomplish a thing. If you have good ideas for club success, tell her. She'll be glad to use them, I know. Here is the list:

- Mable Weaver..... Atchison
- Ruby Jesse..... Brown
- Mildred Hargett..... Butler
- Clare Jamison..... Cloud
- Elsie Wheeler..... Coffey
- Thelma E. Kent..... Cowley
- Ethel Parsons..... Crawford
- Nina Will..... Finney
- Boris Davis..... Ford
- Ruth Jones..... Harper
- Mabel Brown..... Jackson
- Venice Kitterman..... Kearny
- Elsie Morrell..... Linn
- Bertha Bechtel..... Lyon
- Faisy Hartman..... McPherson
- Annie Laurie Edwards..... Morris
- Helen Elizabeth Dale..... Reno
- Edna Murphy..... Republic
- Esther Evans..... Rooks
- Viola Angell..... Smith
- Willa Swanson..... Wallace

Have you received your letter explaining the points by which the pep contest will be judged this year? It should be in your hands by this time. It is very important that every member receive a list of these points, and if you have failed to receive this letter, please let me know at once.

We'll Hold a "Bargain Day"

I have meant to tell you for some time that I am holding a special sale, a bargain day, if you please. There is still a supply of stationery left over from last year, and of course I wish to dispose of it. Therefore I am selling it at half price—two sheets for 1 cent. Shall I send you some? I'll be glad to do so. I have the following kinds: Envelopes—Langshan, Leghorn, Rhode Island, Plymouth Rock, Orpington. Let-

Keep Your Grit

Hang on! Cling on! No matter what they say.
Push on! Sing on! Things will come your way.
Sitting down and whining never helps a bit;
Best way to get there is by keeping up your grit.
Don't give up hoping when the ship goes down;
Grab a spar or something—just refuse to drown.
Don't think you're dying just because you're hit;
Smile in the face of danger and hang to your grit.

terheads—Leghorn, Orpington, Rhode Island, Wyandotte, Langshan and Plymouth Rocks.

Mrs. Horton Offers Prize

Breeders are especially good to club girls, I think, for I am constantly receiving new offers. Just the other day I had a most interesting letter from Mrs. C. T. Horton of Linn county. I shall not print all of Mrs. Horton's letter, but there is a part of it that will interest the girl who is entering an unusual breed of chickens this year. Mrs. Horton says:

I have noticed each year that there are always several breeds that are not represented by special prize offers. During the years that Hazel has been a member, there has never been a breeder's prize offered which would benefit the girl entering Light Brahmas. This is true of other breeds, too. So I have decided to offer a prize to the girl with a breed, where no breeder's prize is offered, which takes the most ribbons at fairs this fall. I believe in encouraging girls to show their chickens. The prize will be a \$5 cockerel of the winning breed, if it is a breed that I can procure, one that I can see. If not, it will be just the cash.

Girls who are entering unusual breeds will more than appreciate Mrs. Horton's kind and thoughtful offer, I'm sure. It should be an incentive to harder work, and I feel quite sure that it will be.

How About Pictures?

Do you know what we need to make our club page more interesting? Pictures, pictures, and then some more pictures. Club girls, get those kodaks out, dust them off and put them in working order, and send me some snap shots. I'll surely appreciate them.

Railroad Sells Prosperity

(Continued from Page 7)

proved itself an absolute success. In addition to its promotion of the cow, the sow and the hen, the company under the direction of F. P. Cruice, manager of the agricultural and industrial development department, created late last year, will devote much attention to marketing.

The road proposes to collect information about where and when farm products will be ready for sale and where and when there will be demand for such products. This information will be widely distributed among farmers and will assist them in advantageously disposing of their crops by keeping them from shipping to glutted markets. In this connection the railway will encourage the organization of farmers so that they more effectively may use the information supplied. It is much interested in developing local shipping associations, which can handle production in carloads, thus getting the benefit of lower freight rates and better service. Mr. Cruice believes in farmers working together in marketing their livestock and crops.

"The Atchison, Topeka and Santa Fe," said Mr. Cruice, "will carry on a campaign the year around in co-operation with Government and state authorities, with the view of increasing the livestock output, not only because it generally is a profitable feature of the farming business, but also for the purpose of building up the soil.

"The road wishes to keep the farmer from Vermont who moves into Kansas from trying to farm according to the Vermont system. He must learn the Kansas way. As a business proposition the railroad wants the newcomer to be an asset to the community. He will be an asset if he succeeds; if he fails he becomes a liability. In any farm country the railroad and the community prosper or fail together."

A new piano with two keyboards, one an octave above the other, has been invented by Emanuel Moor, of England. The keys on the double board are close enough for the fingers of one hand to play notes on both simultaneously.

Twenty-seven per cent of the freshmen at Princeton are paying part, or all, of their expenses thru college.

How to Reduce Losses —Increase Egg Output

THE billion dollar American poultry industry loses many thousands yearly from breakage of soft-shelled eggs.

Make More Hard-Shelled Eggs

You can increase egg output and reduce breakage by feeding Pilot Brand Oyster Shell-Flake, analyzing 98% carbonate of lime. Keep it in every pen the year round.

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Pilot Brand is cleaned, ground and graded. It contains no clam shell or other impurities. Pilot Brand is packed in new, 12-oz. burlap bags. If your dealer does not carry Pilot Brand write us today, giving his name, and we will see that you are supplied.

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Blackleg
by using
Blackleg Filtrate
(Germ-Free Vaccine)
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Brooks Buttermilk Chick Starter contains the lactic acid and vitamins, that helps to prevent white diarrhoea and bowel trouble, and makes chicks grow twice as fast as grain feeds. It is the finest starting and growing buttermilk food made, and we can prove it. It contains pure dried buttermilk, Special meat scraps, cereal meals, etc., and does not contain a single ounce of weed seeds or screenings of any kind. Starts 'em right, makes 'em grow twice as fast, and should be fed the first 8 weeks.
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Special during sale only—164 styles of Fences and Gates at less than wire mill prices. Satisfaction or money refunded. Write today—your name on a postcard will bring FREE Book and full particulars of this big special sale. **OTTAWA MFG. CO.**
1014 Union Ave., Ottawa, Kans.

Rains Insure Good Crops

New Wheat May Yield 580 Million Bushels

BY JOHN W. WILKINSON

CROP conditions during the last week have shown marked improvement thruout the entire Southwest and many grain men insist that the wheat crop now shows a condition of 80 to 85 per cent as compared with the December estimate of 76 per cent. It is also said that the acreage abandoned will be much less than seemed likely a month ago. Some authorities insist that the amount will not exceed 8 to 10 per cent. However, a forecast of the probable yield of the new crop at this time for the Southwest or the Nation as a whole would probably be unreliable so far as final results are concerned. The crop yet must run the gauntlet with such pests as the green bug, chinch bug, and Hessian fly as well as with possible drouths, or unseasonably wet weather at harvest time. However, it is generally believed that this year's crop will be from 8 to 10 million bushels under last year's crop which showed a final total of 587 million bushels.

Plenty of Moisture Now

Altho the recent rains and snows greatly benefited the new wheat crop in Western Kansas, Oklahoma and Northern Texas the improvement in many sections of the regions mentioned has not resulted in as much recovery as was desired or expected. Green bugs are reported in many parts of Central Oklahoma and Texas and two counties in Kansas thus far have reported trouble with this pest. The stands in many sections of Western Kansas are rather thin and unpromising. The same thing is true of much of the Western third of Nebraska.

The general improvement in crop and soil conditions is causing farmers to feel more optimistic and they are planning to carry on their farm operations on a much larger scale than was thought possible a month ago. Increased acreages in corn and sorghums are expected in many localities to take the place of abandoned acreages in wheat and also to take the place of oats in sections where unfavorable weather prevented the planting of a normal acreage of oats.

U. S. Grain Growers' Sales Agency

Farm crops and other farm products undoubtedly can be marketed to better advantage this year than ever before on account of the many marketing agencies now being perfected by various farm organizations of the country. The American Wheat Growers' Association and the U. S. Grain Growers will be two powerful organizations seeking to bring about better marketing conditions for wheat. The selling agency of the latter organization will be known as the United States Grain Growers' Sales Company. This selling agency is preparing to go into the handling of grain in the largest markets within 90 days, as announced by C. H. Gustafson, president of the organization as well as of the United States Grain Growers, Inc., the sales company being an auxiliary of the parent company.

The national farm organizations are also demanding tariff protection on farm products that undoubtedly will help to stabilize prices.

State Crop Conditions

The farm outlook in Kansas now is regarded as good and the prospect for a successful crop year is excellent. In the weekly crop report of the Kansas State Board of Agriculture for the week ending April 1, J. C. Mohler, secretary of the board, says:

"General rains fell over Eastern Kansas on Monday, Tuesday, Wednesday and Thursday and the soil in that section is thoroly soaked, creeks and rivers being reported as having more water in them than for many years. The rainfall was especially heavy thru east central counties where from 3 to 5 inches was received. Very little rain was reported from other parts of the state, with only light showers thru central counties. However, the week has been cloudy and scarcely any drying weather. A light frost on Friday night covered east central counties but was not heavy enough to cause particular damage.

"Spring work is still held back in the counties of Eastern Kansas and very little plowing can be accomplished until more dry weather comes. In Central Kansas, the ground is generally in good condition and many fields of oats and barley have been sown. Oats sowing is so late in Eastern Kansas that many farmers have given up the seeding of this crop this year and will

hold the ground for corn and sorghums. Oats and barley are being sown pretty generally in the southwestern part of the state and the soil there is reported as in excellent condition.

"Wheat continues to improve with best showings in the eastern part of the state. Thru central and southwestern counties the crop has advanced to a point where many fields are showing up poor stands especially where sown late and where the seed did not sprout last year. This condition is especially true in Rooks, Rush and Ellis and adjacent counties and the outcome is still considered as problematical.

"Irish potato growers of the Kaw Valley are waiting for the ground to dry out sufficiently to start planting, but in the southeastern and south central counties, conditions are better and about 30 per cent of the crop is already in the ground. Pastures and alfalfa are starting up nicely and fruit trees are in excellent condition."

Special County Reports

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

Allen—We are having too much rain for farm operations. A few farmers have their oats sown but there will not be a normal acreage. Wheat is excellent. Pastures will soon be large enough to pasture. Potato planting and gardening are going to be late. Farmers, generally, are taking more interest in poultry and pigs. Potatoes are worth \$1.50; eggs, 18c and corn is 50c.—T. E. Whitlow, April 8.

Atchison—The last several weeks have been rainy with a few rather cool days. Wheat is in excellent condition. Grass is starting. Farmers are plowing between rainy spells. Some clover is being sown.

Very few farmers have planted potatoes. The prospects for a good fruit crop are good at present. Hay and feed are plentiful. Milkfeeds are high. Eggs are worth 19c; hens, 18c.—Alfred Cole, April 8.

Barton—Wheat is excellent. There is not more than a 10 per cent failure. Oats sowing is nearly completed. Pastures are starting and there is some wheat pasture. Cattle are in excellent condition. Sows are farrowing and most of the pigs are being saved. There is an unusual amount of interest in dairying here. Eggs are worth 17c and cream is 28c.—Elmer J. Bird, April 8.

Brown—Not many oats have been sown. Wheat is doing well and pastures are starting. The fruit is all right yet. Very little farm work has been done. Wheat is worth \$1.10; corn, 44c; cream, 30c and eggs are 18c; hogs, \$8.50.—A. C. Dannenberg, April 8.

Butler—Oats sowing has been delayed again as we received another rain last week and it is too wet to get in the fields. Wheat is growing satisfactorily. There will be a large acreage of corn and sorghum feeds put out this spring.—Mrs. Charles Geer, April 8.

Chautauqua—Wheat has improved wonderfully and oats are making a good stand since the recent rains. Farmers are plowing for corn. Moisture is plentiful. All kinds of livestock are in excellent condition. Fruit trees are nearly in full bloom. Butterfat is worth 28c; bran, \$1.50; flour, \$2.20 and shorts are \$1.60; eggs, 15c.—A. A. Nance, April 8.

Cherokee—We had April weather in March. Farmers are sowing oats and planting potatoes and gardening between showers. Wheat is excellent and grass is starting nicely. Fruit buds are growing and peaches are nearly in bloom. Eggs are worth 18c.—L. Smyre, April 8.

Cowley—We are having fine spring weather. Farmers have their oats all sown. They are not sowing as many as usual this spring. Corn ground is being prepared. Wheat is in satisfactory condition. More potatoes are being planted than usual. All kinds of livestock are in good condition and some are still on wheat pasture. Hogs are worth from \$8.50 to \$9; fat cattle from \$3.50 to \$5.50; hens, 18c; eggs, 17c and corn is 50c; wheat, \$1.10.—L. Thurber, April 8.

Elk—With the warm weather and plenty of moisture we have been having in March everything indicates an early season for the ground and wheat is starting up nicely and is good all over the county. There is

no indication of any damage from insects and there are no signs of aphids in alfalfa. Farmers are not so zealous with their spring farm work on account of the setback last year. Nearly all of the wheat has been marketed. There is enough corn for local demand.—D. W. Lockhart, April 8.

Ellsworth—Many fields of wheat are a thin stand and others are uneven. A few fields are excellent in both stand and growth. Farmers are sowing oats, planting potatoes and making early gardens. The acreage of oats will be below normal.—W. L. Reed, April 8.

Franklin—Plenty of rain has fallen in the past three weeks and wheat is in thrifty condition. Prospects are much better than at this time in 1921. Oats sowing has been delayed and but few have their oats in at this date and will be five or six days before the fields can be worked. Grass is starting nicely. Many pigs are dying.—E. D. Gillette, April 8.

Harvey—We have been having so much rain that it is impossible to sow oats consequently the crop will be late. Wheat is excellent. All kinds of livestock are in satisfactory condition. Butter is worth 30c; onion sets, 15c a quart and eggs are 18c; seed potatoes, \$1.75.—H. W. Prouty, April 8.

Haskell—Wheat fields are green and thrifty. Some fields have a good stand while others are thin. Farmers are planting potatoes and sowing oats and barley. Some farms are changing owners. All kinds of livestock are in from poor to good condition. Wheat is worth \$1.35; butterfat, 28c and eggs are 16c; seed potatoes, \$2.25.—H. E. Tegarden, April 8.

Jewell—We have had a little moisture during the past 10 days but it is very dry yet. Farmers are sowing a large acreage of oats. Some wheat is sprouted but is not thru the ground yet so do not know whether it will be enough for a crop. All kinds of livestock are in excellent condition. Rough feed is getting scarce but there will be enough until there is pasture. Wheat is worth \$1.20; corn, 45c; cream, 28c and oats are 30c; eggs, 15c; seed potatoes, \$1.75.—U. S. Godding, April 8.

Linn—Moisture is plentiful, in fact, it is too wet for farmers to get into the fields. Not many oats have been sown. Wheat and grass are becoming green. No sales have been held recently. Blue Mound will have a sale every Saturday beginning April 8 of implements and merchandise. Roads are very bad. Help is plentiful. Wheat is worth \$1.15; flour, \$2; butter, 25c; corn, 60c and potatoes are \$1.45; cows, 45c; hogs, \$10; eggs, 22c.—J. W. Cline-Smith, April 8.

Lyon—Moisture is plentiful and wheat is excellent. Alfalfa, tame grass and prairie are growing nicely. Farmers are preparing the ground for corn and alfalfa. Feed is plentiful and all kinds of livestock are in excellent condition. Wheat is worth 20c; corn, 60c.—E. R. Griffith, April 8.

Osborne—On March 18 we received 1 1/2 inches of rain which broke the eight months' drouth. Some of the wheat fields are green while others look bare. A large acreage of barley will be sown. Many young chickens are being raised this spring.—W. F. Arnold, April 8.

Phillips—We did not receive any moisture from September 18 to March 18 when it rained nearly 2 inches and turned to snow that drifted some but it was very wet. The telephone lines were all out for nearly a week. There is a considerable amount of sickness, mostly "flu" and several deaths have been reported. The roads are in very bad condition. No farming has been done yet. Before the rain it was so dry and now it is too wet.—J. M. Jensen, April 8.

Republic—This part of the county has received plenty of rain and snow during the last month. Some of the wheat is showing up nicely while the late sown fields do not look very encouraging. Farmers are having trouble in getting their oats planted on account of rains. Wheat is worth \$1.20; corn, 40c; butterfat, 33c and eggs are 18c.—E. L. Shepard, April 8.

Riley—Farmers are preparing the ground for oats. The fields have been very wet until recently. Most of the wheat is coming out remarkably well except late planting which is thin. The public sale season is over and renters have moved. A lot of incubators are ready with their hatching. Many spring pigs. Some wheat is being marketed. Wheat is worth from \$1.15 to \$1.20; corn, 50c; flour, \$2; butter, 18c and eggs are 20c.—P. O. Hawkinson, April 8.

Rooks—Farmers are sowing oats, planting potatoes and gardening. About the usual acreage of oats is being planted. Oats are worth 45c; seed potatoes, \$1.90; cattle, 40c; hogs from 6c to 8c and wheat is \$1.20; bran, \$1.20.—C. O. Thomas, April 8.

Scott—We received a snow March 13. Wheat is beginning to grow. Farmers are sowing wheat, oats and barley this week. The ground is in excellent condition for farming. Young pigs and colts are scarce. Most of the calves will be late. Feed is holding out well and all kinds of livestock are in excellent condition. We have received more moisture since the first of March than during the whole winter previously.—J. M. Helfrick, April 8.

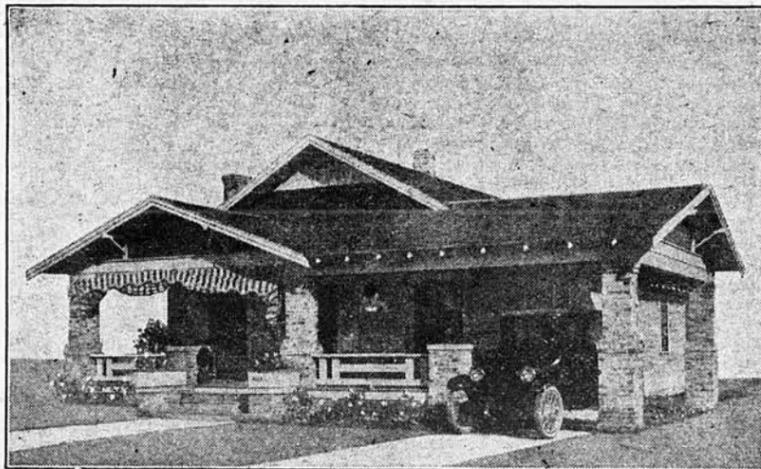
Sherman—A very wet snow fell on March 18 and 19 which drifted badly and averaged from 5 inches to a foot-deep. It has melted and the soil has the first good wetting since last fall. We believe about a fourth of the wheat stand died during the dry, winter months, and the plants surviving are rather weak, but most of the fields will be left alone until the wheat's recovery is further proved. Livestock and grain prices are more satisfactory but the surplus was sold while prices were at a loss. It is thru cooperation we expect a future profit.—J. B. Moore, April 8.

Stafford—We received a good rain March 25 which will be excellent for the wheat as the ground had formed a hard crust. There will be some loss from water standing too long on wheat fields. All kinds of livestock are in good condition. Fewer sales than usual at this time of year are being held. Horses and mules of good quality bring fair prices. Wheat is worth \$1.25; corn, 50c.—H. A. Kachelman, April 8.

Wabaunsee—We are having an abundance of moisture. Wheat is excellent. No oats or potatoes have been sown as the ground has been too wet. Pastures are becoming green and there is plenty of stock water now. Seed oats are worth 55c.—G. W. Hartner, April 8.

Wyandotte—We have plenty of moisture and wheat and pastures are excellent. All kinds of livestock are in excellent condition. Potato planting and oats sowing are progressing very slowly as the ground is too wet to work. No sales are being held and not much grain is being sold. Indications are that there will be a good fruit crop. Peaches are nearly ready to bloom.—A. C. Espenlaub, April 8.

A Real Nifty Home for the Farm



WE ENDEAVOR to show in this section, homes of the kind that make their owners proud of their ownership; the kind that appears to radiate hospitality from their outside appearance and to embody coziness and convenience within.

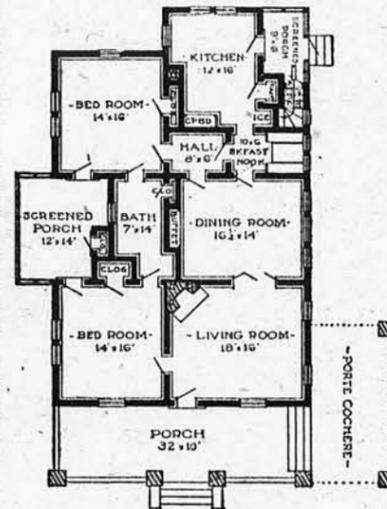
The wide front porch is an outdoor lounging and sitting room for more than half of the year. It adds much to the comfort of the home.

The spaciousness of the living room, dining room and bed rooms needs no comment. Triple French doors between living room and dining room provide privacy or open hospitality at will. The location of the breakfast room is such that informal guests may be served there without the necessity of requiring them to pass into or thru the kitchen. This saves much work for the housekeeper. The abundance of closets and pantries will be appreciated by every farm woman.

The arrangement of a screened porch so as to be accessible from either bed room is a feature of merit in this design. It can be made to serve either room as a sleeping porch or by the use of a curtain partition it may serve both as such.

We shall be glad to supply you, without cost, a list of approximate quantities of the various materials necessary to construct any house designed by this department. With such a list you can get a fairly accurate estimate of your cost from your local contractor and material dealers.

Plans and specifications of this design No. 1.106 will be sent on receipt of \$15 by the Home Service Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.



After 30 Days Free Trial \$7.50



No Money Down! Catalog tells all—write. Caution! U.S. Bulletin 201 shows that vibration of the bowl causes cream to be lost.

FREE TRIAL Cut out this ad and mail it to us, with your name and address (no money); and we will send you our FAMOUS KAMNAK RAZOR by return mail, postpaid.

STEWART SELF FEEDERS for threshers. Latest, most improved and efficient. Write for circulars and prices.

Cattlemen's Round-Up at Hays

BY JOHN W. WILKINSON

For several years a number of cattle feeding tests have been made at the Fort Hays Experiment Station of the Kansas State Agricultural College at Hays, Kan.

The report on these feeding tests for the last year will be given in full at the Cattlemen's Round-Up Day at Fort Hays, Kan., on April 29.

"A brief summary of the work that will be reported at this year's meeting will be as follows:

"A—Age of breeding and type of bull for range use.

"We are using two lots of heifers, one of which has been bred to drop calves when 2 years old, the other to drop their first calves when 3 years old.

"B—Dry feed versus silage for growing and wintering steers.

"Two lots of steers that were dropped in the spring of 1920 are being used. Lot I was fed on dry roughage during the winter of 1920, Lot II on silage; both were grazed together during the summer of 1921.

ual records are being kept on these steers.

"C—The relative value of cane with the heads on and off fed from the shock and from the silo.

"Four lots of 10 cows each are being used in this test. Each lot is receiving a pound of cottonseed cake a head daily; one lot cane silage heads on; one lot cane silage heads off; one lot cane from the shock; one lot with cane from the shock heads off.

"D—Wintering stock cows.

"Five lots of 10 cows are being fed as follows: Lot I straw; Lot II straw and cottonseed cake; Lot III straw and silage; Lot IV silage alone; Lot V silage and cake.

"We are also carrying four lots of sheep in order to determine if possible the better methods of handling sheep under Western Kansas conditions."

It Pays to Advertise

One of the oldest farm paper advertisers is this year celebrating its fiftieth anniversary. Fifty years ago the house of Montgomery Ward and Company was created in two small rooms in Chicago.

It is interesting to note that they have used farm paper advertising continuously since that date, in increasing measure, and that their business has developed and prospered until now they are one of the foremost institutions of the country.

Advertising, the dissemination of honest information regarding good products and a dependable institution pays. The tremendous growth of this institution testifies amply to this fact.

To Measure Hay in the Mow

A simple method of determining the amount of settled hay in a mow is to multiply the width, length and height in yards and divide by 15. For hay not so well packed the same method applies except that the number of yards should be divided by some number from 15 to 18, according to how well the hay is packed.

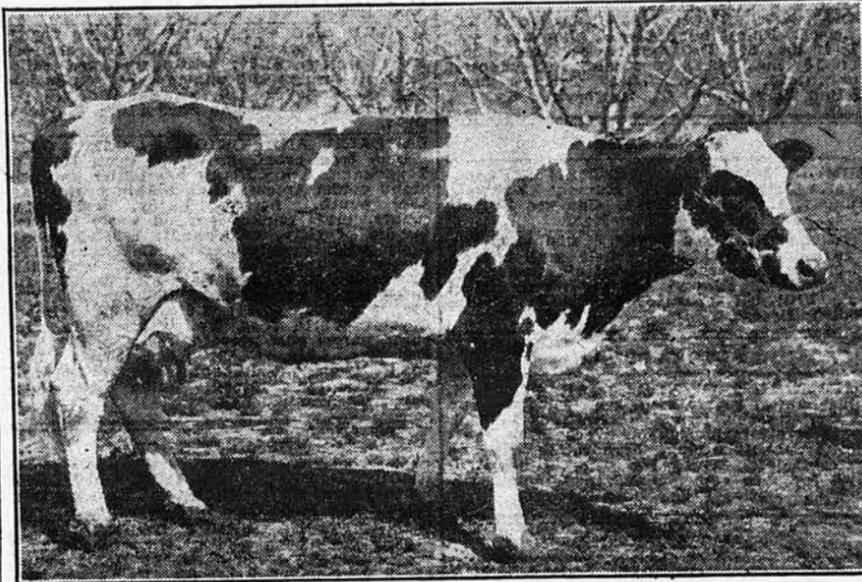
Kansas Holstein Wins Silver Cup

BY R. B. BECKER

THE silver loving cup offered annually by the Kansas State Dairy Association to the highest butterfat producer in the state has been won for the third successive year by a Holstein cow. Lady Volga Colanthus 2nd 279537, a mature cow owned by George Young & Sons at Manhattan, with a production of 28,112.3 pounds of milk and 951.43 pounds of butterfat, will hold the cup for the year 1922.

In 1920 she stood second in the state, losing by 7 pounds of fat to the junior 3-year-old cow, Lillian Korndyke Sarcastic, who made 23,335.2 pounds of milk and 780.103 pounds of fat.

Lady Volga Colanthus is one of three full sisters who hold the world's record as being the only three full sisters of any breed to have produced over 23,000 pounds of milk and 700 pounds of butterfat. She is also the dam of a state record milk producer, her daughter Lady Lockhart Colanthus making 23,769.3 pounds of milk and 761.11 pounds of fat as a senior 3-year-old.



VIGOROUS COWS; HEALTHY CALVES

Calkins No Longer Fears the Calving Period

Every cow-owner knows the strain of calving on a cow's system. Kow-Kare is so widely used by dairymen before and after calf-birth to strengthen the genital organs and avoid disorders, that we receive yearly thousands of letters from grateful users.

"I have a fine Jersey cow. When two years old she dropped twins; they came dead. She didn't clean and four days after I tried to take the afterbirth but could not. I got an experienced man and he tried and failed, and then I began giving her Kow-Kare and in about fourteen days it came away all right and she has not seen a sick day since."

Kow-Kare is equally sure as a remedy for Barrenness, Abortion, Scouring, Bunches, Milk Fever, Loss of Appetite, etc. All of these ailments result from sluggish genital or digestive organs. It is these organs that Kow-Kare is quick to strengthen and build up.

At a cost of only a penny a day, Kow-Kare is used in many of the best dairies to offset the severe strain of winter confinement and rough or concentrated feeds. This aid to digestion and assimilation keeps milk production at top notch and avoids breakdowns.

Kow-Kare will help you to bigger dairy profits; try it. General stores, feed dealers and druggists sell it at the new reduced prices—65c and \$1.25

DAIRY ASSOCIATION CO., INC., Lyndonville, Vt.

Write today for this valuable book on diseases of cows.



FREE BOOK

FREE Full verbatim report of the famous JEWETT-PICKELL GRAIN MARKETING DEBATE (At Lexington, Neb.) Send for name and address today to Dept. 1111 W. Jackson Blvd., Chicago

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Earn money for the small payments. Parents often advance first payment to help buy a RANGER 44 styles, colors and sizes. Factory to Retailer prices. Delivered FREE, express prepaid, for 30 DAYS TRIAL. Terms to suit—cash or easy payments. Lamps, wheels, and equipment at half retail prices. SEND NO MONEY. Write today for big, Free Ranger Catalog and marvelous prices. Mead Cycle Company Dept. 6177 Chicago

\$11.00 Use This Mixer—Pay Later

Going to do any concreting on your farm this spring? Then write today for this new payment offer. ELMCO CONCRETE MIXER The famous batch mixer that fills from one side and dumps from the other. Capacity about 3 cubic feet per mix. Write today for special terms, and lowest prices ever offered on this handiest of farm mixers. E. F. ELMBERG COMPANY 5134 Elm St. Parkersburg, Iowa

Get Those Gophers

Sure death to pocket gophers, ground squirrels, prairie dogs. Easiest to use. Save alfalfa and other crops. Widely used. Results guaranteed. 1,000 tablets \$2. GOPHER TABLET CO., Box 16, Lincoln Neb.

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Rate: 10 cents a word, each insertion, the rate is 8 cents a word. Count as No display type or illustrations admitted. Remittances must accompany orders. Real estate and livestock advertising have separate departments and on orders for less than four insertions; four or more consecutive insertions a word each abbreviation, initial or number in advertisement and signature. Minimum charge, ten words.

TABLE OF RATES

Words	One time	Four times	Words	One time	Four times
10	\$1.00	\$3.20	26	\$2.60	\$8.32
11	1.10	3.52	27	2.70	8.64
12	1.20	3.84	28	2.80	8.96
13	1.30	4.16	29	2.90	9.28
14	1.40	4.48	30	3.00	9.60
15	1.50	4.80	31	3.10	9.92
16	1.60	5.12	32	3.20	10.24
17	1.70	5.44	33	3.30	10.56
18	1.80	5.76	34	3.40	10.88
19	1.90	6.08	35	3.50	11.20
20	2.00	6.40	36	3.60	11.52
21	2.10	6.72	37	3.70	11.84
22	2.20	7.04	38	3.80	12.16
23	2.30	7.36	39	3.90	12.48
24	2.40	7.68	40	4.00	12.80
25	2.50	8.00			

RELIABLE ADVERTISING

We believe that every advertisement in this department is reliable and exercise the utmost care in accepting classified advertising. However, as practically everything advertised in this department has no fixed market value, and opinions as to worth vary, we cannot guarantee satisfaction. We cannot guarantee eggs to reach the buyer unbroken or to hatch, or that fowls or baby chicks will reach the destination alive. We will use our offices in attempting to adjust honest disputes between buyers and sellers, but will not attempt to settle minor disputes or bickerings in which the parties have vilified each other before appealing to us.

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SALES AGENTS WANTED IN EVERY county to give all or spare time. Positions worth \$750 and \$1,500 yearly. We train the inexperienced. Novelty Cutlery Company, 408 Bar St., Canton, Ohio.

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COLLECTIONS, ACCOUNTS, NOTES, claims collected everywhere on commission; no collection, no pay. Allen Mercantile Service, 252 Lathrop Bldg., Kansas City, Mo.

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

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FOR SALE—WHY WORRY WITH THE uncertainty of the farm. A good clean stock of general merchandise, invoice about \$4,500. Doing a strictly cash business in a good small town, good community. Low rent. No trades. 809 Lincoln St., Topeka, Kan. Phone Black 2356.

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

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EARN \$25 WEEKLY, SPARE TIME, WRITING for newspapers, magazines. Exp. unnced. Details free. Press Syndicate, 547, St. Louis, Mo.

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FINLAY ENGINEERING COLLEGE, KANSAS City, Mo. Mechanical, electrical, armature winding, auto elec. 6 weeks to 2 years. Write for catalog and courses by mail.

FOR THE TABLE

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

HIGHEST GRADE EXTRACTED HONEY, 60 pounds, \$6.50; 120 pounds, \$12; here, Drexel & Sons, Beekeepers, Crawford, Colo.

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

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ANCONA EGGS, WINTER LAYERS, \$5 100. Kate Shriver, R. 3, Clyde, Kan.

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EGGS FROM GIES' OFFICIAL RECORD strain Anconas, now \$6 a hundred. Mrs. Helen Lill, Mt. Hope, Kan.

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BABY CHICKS—BUFF AND WHITE LEGHorns, Barred Rocks, Regal-Dorcas White Wyandottes, Buff Orpingtons. Lowest prices, postpaid, live delivery. Clay Center Hatchery, Clay Center, Kan.

BABY CHICKS—ALL VARIETIES. BIG husky fellows from pure bred selected flocks. 100% alive delivery guaranteed. Shipped anywhere. Circular free. Caldwell Hatcheries, 4569-C Greer, St. Louis.

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BABY CHICKS

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PURE BRED WHITE LANGSHANS UNTIL June. Eggs, \$5. Chicks, 15 cents. Hens, \$2. Chas. Nelson, Hiawatha, Kan.

PURE BRED WHITE LANGSHAN EGGS, chicks, hens. Great layers. Baby cockerels. Reasonable. Sarah Greisel, Altoona, Kan.

BLACK LANGSHAN STANDARD BRED since 1902. Eggs, 15, \$1.75; 100, \$6.50. Chicks, 20 cents. Mrs. O. L. Summers, Beloit, Kan.

PURE BRED WHITE LANGSHAN EGGS from scored tested stock, \$1.75 15 postpaid; \$3 100. Chicks, 25c. Mrs. Edgar Lewis, Mullinville, Kan.

Langshan—Eggs

WHITE LANGSHAN EGGS, \$5 PER 100. Wm. Wischmeier, Mayetta, Kan.

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WHITE LANGSHAN EGGS, \$5 PER 100. Also Belgian Hares. Tell Corke, Quinter, Kan.

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EGGS FROM LARGE TYPE HEAVY LAYING Black Langshans, \$6 100; \$3.50 50. Webb Warner, Douglass, Kan.

PURE BRED WHITE LANGSHANS, EXCELLENT layers. Eggs, 15, \$1.50; 100, \$6; prepaid. H. L. Cudney, Hopewell, Kan.

DIGNAN'S QUALITY BUFF S. C. LEGHorns, year round layers. Prize winning flock, even buff. Eggs postpaid, pre-war price, 115, \$5. Mrs. J. L. Dignan, Kelly, Kan.

LEGHORNS

ROSE COMB BROWN LEGHORNS, EGGS, 5c. Chicks, 13c. Belle Larabee, Haddam, Kan.

ROSE COMB BROWN LEGHORN CHICKS, 13c. Selected eggs, 5c. Mrs. Chas. Line, Haddam, Kan.

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HAINES' HUSTLER STRAIN BUFF LEGHORNS. Book of Bufts free. Best pen matings, 15, \$5. Range eggs, 120, \$10. Pearl Haines, Rosalia, Kan.

IMPORTED ENGLISH BARRON SINGLE Comb White Leghorns. Trap-nest bred-to-record 300 egg. Eggs, chicks, guaranteed. Geo. Patterson, Richland, Kan.

OUR NEW RECORD, PRINCESS BETTY 2nd, 303 eggs. Trap-nest, Barron Leghorn hatching eggs and chicks for sale. Martin Egg Farm, Hiawatha, Kan.

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ROSE COMB BROWN LEGHORNS, 10 years in breeding stock for eggs, winter and summer with splendid result. Eggs, \$5 per 100. Baby chicks, 20c each. W. Giroux, Concordia, Kan.

LEGHORNS

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Leghorn—Eggs

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SINGLE COMB BROWN LEGHORN EGGS, \$5 100. Eunice Cade, Lambert, Okla.

SINGLE COMB BUFF LEGHORN EGGS, 108, \$5. Mary Moyer, Oak Hill, Kan.

SINGLE COMB BUFF LEGHORN EGGS, \$4.50 108. John A. Reed, Lyons, Kan.

ROSE COMB BROWN LEGHORN EGGS, 108, \$5. Elizabeth Evans, Wilsey, Kan.

ROSE COMB WHITE LEGHORN EGGS, \$4.50 100. Uriah Slabach, Conway, Kan.

WILSON'S S. C. BUFF LEGHORN EGGS, \$5 hundred. Elmer Brubaker, Ontario, Kan.

SINGLE COMB BROWN LEGHORN EGGS, \$5 100. Mrs. Alfred Sharral, Marlon, Kan.

SINGLE COMB WHITE LEGHORN EGGS, \$5 100 prepaid. Bessie Odell, Fredonia, Kan.

SINGLE COMB BROWN LEGHORN EGGS, \$5 per 100. Wilbert Lainhart, Albany, Mo.

S. C. WHITE LEGHORNS, EGGS, 100, \$4, or \$1 per setting. M. Burton, Haddam, Kan.

S. C. BUFF LEGHORN EGGS, FLOCK culled. \$5 per 100. Fred Stevens, Alton, Kan.

SINGLE COMB WHITE LEGHORN EGGS, \$5 100. Mrs. Arthur Lemert, Cedar Vale, Kan.

SINGLE COMB WHITE LEGHORN EGGS, 15, \$1; 100, \$4. Mrs. C. A. Odle, Stockton, Kan.

PRIZE WINNING SINGLE COMB BROWN Leghorn eggs, 4c each. Chas. Dorr, Osage City, Kan.

SINGLE COMB BUFF LEGHORNS, SILVER cup winners, \$5 100. Geo. Dorr, Osage City, Kan.

BUFF LEGHORN EGGS, \$4.50 100. LARGE famous layers. Mrs. Maude Franklin, Melvern, Kan.

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EGGS—SINGLE COMB WHITE LEGHORNS, bred to lay. T. R. Wolfe, R. 2, Conway Springs, Kan.

PURE BRED S. C. BUFF LEGHORNS. Quality. Eggs, 100, \$4. Mrs. Will Fletcher, Bucklin, Kan.

WHITE ROSE COMB LEGHORN EGGS, Elephant strain, \$4 100. Mrs. Phil Gfeller, Chapman, Kan.

PURE ROSE COMB BROWN LEGHORN eggs, 4 1/2c each. Prepaid. Eva Duvall, Concordia, Kan.

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SINGLE COMB WHITE LEGHORN EGGS, Six dollars hundred. Katharine Hylton, Osawatimie, Kan.

SINGLE COMB BUFF LEGHORN EGGS, \$4.50-100. Heavy laying strain. Ernest A. Reed, Lyons, Kan.

WHITE LEGHORN TANCRED MALES. Eggs \$4.50-100 prepaid. Andrew Peterson, Waterville, Kansas.

PURE BRED ROSE COMB BUFF LEGhorn eggs, \$6 per 100. R. F. Johnson, Route 1, Dunlap, Kan.

PURE BRED ROSE COMB WHITE LEGhorn eggs, \$4.25 102. Prepaid. Mrs. C. Nesselroad, Attica, Kan.

PURE BARRON STRAIN SINGLE COMB White Leghorn eggs, \$6 100. Peter J. Palen, Glen Elder, Kan.

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Leghorn—Eggs

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BARRON'S STRAIN WHITE LEGHORN eggs, \$5.50 hundred prepaid. Ancestry to 304. Bernice Brown, Gaylord, Kan.

PURE BRED S. C. WHITE LEGHORN eggs. Wycoff strain. Farm range, \$6 per 100. R. S. Spiker, Emporia, Kan.

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FRANZ' WINTERLAY SINGLE COMB White Leghorn eggs, \$5 hundred. Mrs. Bert Ireland, R. 4, Smith Center, Kan.

PURE BRED S. C. WHITE LEGHORN eggs for setting. If you want the best write me. F. J. Mileham, Newton, Kan.

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PURE SINGLE COMB DARK BROWN LEGHORN of quality. Eggs \$4.50 hundred. Postpaid. Mrs. Harry Augustus, Waterville, Kan.

SINGLE COMB BUFF LEGHORN EGGS, \$6 100. Pure Buff, especially heavy layers. Mrs. S. C. Whitcraft, Route 3, Holton, Kan.

PURE BRED SINGLE COMB ENGLISH White Leghorn eggs, Tom Barron strain, \$5 per 100. Cora Kufus, South Haven, Kan.

BARRON'S ENGLISH SINGLE COMB White Leghorns from 300 egg line. Eggs, \$5.50 100 postpaid. Mrs. Anton Triska, Hanover, Kan.

BARRON'S ENGLISH WHITE LEGHORNS. Large, healthy, fine layers. Eggs, \$5 100. Satisfaction guaranteed. Claude Post, Mound City, Kan.

SINGLE COMB DARK BROWN LEGHORNS. Bred from best laying strains. Eggs, \$6 hundred prepaid. Mrs. D. A. Pryor, Fredonia, Kan.

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EIGHT YEARS BREEDING SINGLE COMB White Leghorns. Purity, health guaranteed. Six dollars hundred. Prepaid. John Walters, Fall River, Kan.

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HOGANIZED BARRON STATE FAIR WINNING Single Comb White Leghorn eggs, five dollars hundred. Postpaid. Lois Scherman, R. 7, Topeka, Kan.

SINGLE COMBED LIGHT BROWN LEGHORNS (Highland strain), great egg machines. Eggs 15-\$2.00, 100-\$6. Delivered. Clarence Moore, Scott City, Kan.

SINGLE COMB WHITE LEGHORNS. Young's 282 strain. Eggs, \$1.50 per 15; \$7 100. Special exhibition trapped nest, \$5. Vera Davis, Winfield, Kan.

BARRON STRAIN S. C. W. LEGHORNS. Extra good winter layers. No pullet eggs. Free range, \$4.50 per hundred, postpaid. Mrs. W. C. Wilcoxon, Ford, Kan.

SINGLE COMB DARK BROWN LEGHORNS. Russell strain. Hoganized prize winners. Special pen eggs, \$5 100. Chicks, 15c. Mrs. W. B. Knowles, Mayfield, Kan.

SINGLE COMB WHITE LEGHORNS. Flock headed by cockerels 275-300 Ferris strain. 15 eggs, \$1.50. Hundred, \$5. Chicks, 15 cents. Carl Erhart, Independence, Kan.

SINGLE COMB WHITE LEGHORN EGGS. First pen headed by first and special prize cock. \$1.50 per 15. Second pen, \$1 per 15; \$5 per 100. A. R. Fuqua, Caney, Kan.

GENUINE BARRON SINGLE COMB WHITE Leghorns from imported stock. Eggs prepaid and fertility guaranteed. \$5.50 per 100. Catalog. Mrs. Clyde Meyers, Fredonia, Kan.

BARRON SINGLE COMB WHITE LEGHORNS. Selected winter layers headed by large cockerels of excellent ancestry. Eggs, \$5 100. Prepaid. H. C. Flory, Lone Star, Kan.

HOGANIZED SINGLE COMB WHITE LEGHORN eggs. Sired three generations by Kansas State Agricultural College pedigreed cocks. \$1 15; \$5 100. J. E. Millard, 418 Forest, Topeka.

EGGS—BARRON'S STRAIN SINGLE COMB White Leghorns. 272-314 egg line. Attractive prices. Fertility guaranteed. Prepaid. Circular free. W. E. Phillippi, Route 2, Sabetha, Kan.

S. C. BUFF LEGHORN HATCHING EGGS. Certified. State College poultry expert said, "I have not seen a better flock in the state." \$6.50 100. Postpaid. Mrs. C. H. Dear, Mayfield, Kan.

HILLCREST SINGLE COMB WHITE LEGHORNS. Won over hundred premiums and silver cup. Good layers. Eggs 5c each. Bred variety exclusively for fifteen years. Mrs. Harry Melgren, Osage City, Kan.

BARRON'S BEST ENGLISH WHITE LEGHORN eggs. Bred for winter production. Flock average last year 187 eggs. First, \$2.50 for setting; second, \$8 per 100. Range, \$6 postpaid. Mating list free. Joseph Carpenter, Garnett, Kan.

MY ROSE COMB KANSAS DARK BROWN beauties won 18 ribbons and sweepstakes in the Mediterranean class, first pen at Emporia, December, 1921. Range eggs, \$1.25 setting; \$6 100. A few from pens, \$3 setting. Mrs. Ada Cowan, Americus, Kan.

COMPARE OUR BLOOD. OUR PRICES. Original stock 1919 from world champions 288 eggs, world champion (304 eggs) hen's grandsons headed flock last year. Only high producing hens selected by state judge. Kept this year with high testing 325 cockerels heading flock. Eggs, \$6 100. Pure Tom Barron Single Comb White Leghorns. Perry Dietrich, Miltonvale, Kan.

Leghorn—Eggs

FERRIS-YESTERLAID SINGLE COMB White Leghorns. Bred for size. Winter eggs. Flock headed by Ferris 265-300 egg strain direct. Free range. Fertility guaranteed. \$5.50 110. Postpaid. Mrs. L. B. Takemire, 2517 Lincoln St., Topeka, Kan.

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MINORCAS

BLACK MINORCA CHICKS, THE KIND that lay and pay. Catalog free. Claude Hamilton, Garnett, Kan.

Minorca—Eggs

SINGLE COMB BLACK MINORCA EGGS, \$6 100. Henry Schumaker, Clifton, Kan.

S. C. BLACK MINORCA EGGS, \$6 100. Pleasant Hill Poultry Farm, Arlington, Kan.

SINGLE COMB BLACK MINORCA EGGS, \$1 setting, \$5 100. O. L. Browning, Uniontown, Kan.

PURE GIANT STRAIN SINGLE COMB Black Minorca eggs, \$6 100. Martha Greenwood, Clifton, Kan.

ORPINGTONS

COOKS PURE BRED S. C. BUFF ORPINGTONS. Eggs, \$2 per 15; \$4 per 50. Baby chicks, hen hatched, 25c. Mrs. John Hough, Wetmore, Kan.

Orpington—Eggs

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S. C. BUFF ORPINGTON EGGS, 100, \$5 or \$1 per setting. M. Burton, Haddam, Kan.

FINE BUFF ORPINGTON EGGS, 15, \$1.50; 100, \$6. Postpaid. J. Thompson, Logan, Kan.

PURE BRED S. C. BUFF ORPINGTON eggs, \$4.50 100. Mrs. S. Hutcheson, Oak Hill, Kan.

BUFF ORPINGTON EGGS, \$5 100, GOOD layers. Mrs. Harry Priddy, R. "C," Liberal, Kan.

CRYSTAL WHITE ORPINGTON EGGS, Kellerstrass, \$5 100. Gordon North, White City, Kan.

BUFF ORPINGTON EGGS, 5-CENTS EACH. Baby chicks, 12 cents each. J. R. Slentz, Chase, Kan.

ROSE COMB BUFF ORPINGTON FARM range eggs, 15, \$1; 100, \$5. Mamie Howell, Colony, Kan.

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WHITE ORPINGTON EGGS FROM HEAVY winter layers. 100, \$5. Mrs. Isabelle Sanford, Parkerville, Kan.

PURE BRED WHITE ORPINGTON EGGS. Kellerstrass strain, \$5 per 100. Louis Metzger, Haddam, Kan.

BUFF ORPINGTON EGGS, \$1 15; \$6 100. Prepaid. Baby chicks, 14 cents. Ralph Chapman, Hackney, Kan.

PURE BRED BUFF ORPINGTON EGGS, \$1.50 15; \$6 100. Baby chicks, 20 cents. Mabel Harris, Bavaria, Kan.

SINGLE COMB BUFF ORPINGTON EGGS, \$5 per hundred. Owen's strain. Mrs. May Hight, White City, Kan.

BUFF ORPINGTON EGGS. GOOD TYPE. \$1.50 15; \$8 100. Fern Laird, 1217 N. Washington, Wellington, Kan.

BUFF ORPINGTONS, BUFF WYANDOTTES, Sicilian Buttercups, 15 eggs, \$1.50. William Turner, Fredonia, Kansas.

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BUFF ORPINGTON EGGS. BEAUTIFUL flock, carefully culled, fine layers, 30, \$2; 100, \$5.25 prepaid. Mrs. Elsie Welter, Flush, Kan.

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BUFF ORPINGTONS EXCLUSIVELY. Closely culled. Carefully bred for twelve years. Good layers. Prize winners. Eggs \$7 100; 15, \$1.25. Olive Carter, Mankato, Kan.

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IMPERIAL RINGLET BARRELED PLYMOUTH Rock eggs and chicks for sale, from breeding yards headed by largest males in Kansas. Weight 9/16 to 14 each. Eggs, 15, \$2; 100, \$10. Chicks, 50, \$12.50; 100, \$20. Satisfaction guaranteed. A. L. Hook, North Willow Poultry Ranch, Coffeyville, Kan.

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WHITE ROCK EGGS, 4 CENTS. CHICKS, 12 1/2 cents. Mrs. John Hoornbeek, Winfield, Kan.

CHOICE RINGLET BARRELED ROCK EGGS, \$6 hundred. Mrs. W. E. Schmitendorf, Lyndon, Kan.

BARRELED ROCKS—EGGS, \$1.50 15; \$6 100. Chicks, \$15 100. Mrs. Geo. Bergmann, Vermillion, Kan.

BARRELED ROCKS, "RINGLETS," 84 PREMIUMS, 35 firsts. Eggs, 15, \$3; 30, \$5. Mattie A. Gillespie, Clay Center, Kan.

FOR SALE—WHITE ROCK EGGS, FISHEL and La Gear strain, \$1.50 per 15; \$6 per 100. P. W. Shaffer, Route 5, Salina, Kan.

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Plymouth Rock—Eggs

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PURE BUFF ROCK EGGS, \$4.50 100. MRS. Hedgespeth, Wiley, Kan.

BUFF ROCK EGGS, 30-\$2.25; 100-\$6. Mrs. Guy Nelson, Circleville, Kan.

BUFF ROCK EGGS, \$6 PER HUNDRED. Fred Johnson, Walton, Kansas.

PARKS BARRELED ROCKS. EGGS, 100, \$5. Rena DeBusk, Macksville, Kan.

BARRELED ROCK EGGS, \$6 PER 100. MRS. Annie Galbraith, White City, Kan.

RINGLET BARRELED ROCK EGGS, \$6 HUNDRED. Mrs. Lynn Bailey, Lyndon, Kan.

WHITE ROCK EGGS, \$6 100 PREPAID. Mrs. Theodore Steffen, Broughton, Kan.

RINGLET STRAIN DARK BARRELED ROCKS. Eggs, 15, \$1. Mrs. Gill, Piedmont, Kan.

BARRELED PLYMOUTH ROCK EGGS, \$4 100. W. E. Richardson, Box 128, Barnard, Kan.

PURE BARRELED ROCK EGGS, \$1 15; \$5 100. Mrs. R. N. Wilcox, Sylvan Grove, Kan.

PURE BRED WHITE ROCK EGGS, 100, \$5; 15, \$1. Mrs. Elwin Dales, Eureka, Kan.

WHITE ROCK EGGS, 100, \$4.75; 50, \$2.50. Jenkins Poultry Farm, R. 3, Jewell, Kan.

100 BUFF ROCK EGGS, \$6; 50, \$3.50. Mrs. Maggie E. Stevens, Humboldt, Kan.

PURE BRED WHITE ROCK EGGS, \$1.50 15; \$6 100. Oscar Hanson, Carlton, Kan.

BUFF ROCKS. PRIZE STRAIN. 100 EGGS, \$6; 15, \$1.25. Mrs. Robt. Hall, Neodesha, Kan.

BUFF ROCK EGGS. RANGE FLOCK, 50, \$3; 100, \$5. Peter K. Davies, Osage City, Kan.

FISHEL WHITE ROCK EGGS, \$5 100; \$9 200. Mrs. James McCreath, White City, Kan.

WHITE ROCK EGGS, 200 EGG STRAIN, \$1 15; \$4 100. C. L. Loewen, Hillsboro, Kan.

BARRELED ROCK EGGS, 15 FOR \$1.50 OR 100 for \$5 prepaid. Lewis Stewart, Colby, Kan.

PRIZE WINNING BARRELED ROCK EGGS, \$1 15; \$5 100. Mrs. Sam Drybread, Elk City, Kan.

WHITE ROCK EGGS FOR SALE, \$5 PER hundred. Mrs. R. M. Lemons, R. 3, Topeka, Kan.

PARK'S BARRELED ROCKS. BRED TO LAY 32 years. Ask for egg prices. R. B. Snell, Colby, Kan.

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THOMPSON STRAIN BARRELED ROCK eggs for hatching. Mrs. L. N. Buckner, Wiley, Kan.

PURE BRED BARRELED ROCK EGGS, 30-\$1.85; 100-\$5.00. Catharine Beightel, Holton, Kansas.

FISHEL STRAIN WHITE ROCKS, 15, \$1.50; 100, \$7. Penned 15, \$2.50. Carl Keesling, Neodesha, Kan.

BUFF ROCK EGGS, \$1.50 15; \$7 100. BRED for exhibition and egg production. Emery Small, Wilson, Kan.

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BARRELED ROCK EGGS, PARK'S 200 EGG strain, \$5 30; \$8 100 delivered. Gem Poultry Farm, Haven, Kan.

BUFF ROCKS, PRIZE WINNERS. EGGS, 15, \$2; second pen, \$1.50; range, \$5 100. Hugh Shultz, Eureka, Kan.

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PURE BARRELED ROCK EGGS, VIGOROUS range flock, 100, \$6; 50, \$3.50. Prepaid. Mrs. T. E. Anderson, Kincaid, Kan.

WHITE ROCK EGGS, LAYING STRAIN. \$1 per 15; \$6 per 100. Safe delivery guaranteed. Frank Ross, R. 1, Hays, Kan.

Plymouth Rock—Eggs

BARRELED ROCK EGGS FROM WINNERS at State and National shows. For particulars write Hiram Patton, Hutchinson, Kan.

RINGLET BARRELED ROCKS, THOMPSON strain. Eggs from fine selected hens, \$1.25 setting; 3 settings, \$3.25; \$5 100. Mrs. F. R. Wycoff, Wiley, Kan.

BARRELED ROCKS, STANDARD BRED. Selected eggs, 100, \$6. First yard, 15, \$2; second, 15, \$3. Mrs. J. B. Jones, Abilene, Kan.

NUGGET STRAIN BUFF ROCKS. FINE layers. Eggs, \$1.50 15; \$5 60; \$7.50 100 postpaid. Mrs. E. B. Powell, Higginsville, Mo.

HEAVY LAYING STRAIN OF BARRELED Rocks, 18 years select breeding. Eggs, \$1.25 per 15; \$6 per 100. Mrs. Helen Romary, Olivet, Kan.

PURE BRED BARRELED ROCKS. BRADLEY strain, large bone, fine barring. Eggs, 15, \$1; 50, \$3; 100, \$5; prepaid. Mrs. O. R. Shields, Clifton, Kan.

RINGLET BARRELED ROCKS. CHOICE culled birds. Cockerel mated pen, 15, \$2; 30, \$3. Farnr flock, 100, \$5. Mrs. A. M. Sharp, Galesburg, Kan.

WHITE ROCKS. TWENTY-ONE YEARS selective breeding. 100 eggs, \$6.00; 50, \$3.50; 15-\$1.25, prepaid. Bracken Fogie, Williamsburg, Kan.

PURE BARRELED ROCKS—BRADLEY. Weigher layer strain. Eggs, \$6.50 100; \$3.50 50; \$1.50 15. Hens, \$2. Mrs. S. Van Scoyoc, Oak Hill, Kan.

RINGLET BARRELED ROCK EGGS, RANGE \$6.00-100. Pen 1, \$2.50 per 15 postpaid. Culled for high production. Homer Perry, Clyde, Kansas, R. 4.

WHITE ROCK LINE BRED HEAVY LAYERS, winners at Kansas State show. Eggs, \$2.50 15 prepaid. Fertility guaranteed. Albert Heit, Parsons, Kan.

BARRELED ROCKS, WINNERS BRED TO LAY. Thompson strain. 15, \$1.50; 100, \$5. Special pens either mating, \$5 15. Wm. C. Mueller, R. 4, Hanover, Kan.

WHITE ROCKS, BEST ALL PURPOSE fowls. Eggs from heavy laying, trap-nested stock, \$2 per 15; \$5 per 45; postpaid. Thomas Owen, R. 7, Topeka.

BARRELED ROCKS—PURE BRED PRIZE winners and egg producers. Eggs, prepaid, \$1.25 per 15; \$3 per 50; \$5.50 per 100. Mrs. James Dilley, Beattie, Kan.

WHITE PLYMOUTH ROCKS, HEAVY LAYERS. Show birds at farmer's prices. Specialized 15 years. Eggs, \$1 per 15; \$5 per 100. H. L. White, Independence, Kan.

HICKS BARRELED AND WHITE ROCKS won 50 premiums at Oklahoma and Kansas State Shows in December-January. Eggs, \$3-\$5. Write for mating list. Henry Hicks, Cambridge, Kan.

PURE BUFF ROCKS, BRED FROM CHICAGO, Milwaukee and Topeka winners. Fine Buff, good winter layers, hens weight to 8 1/2 lbs. Eggs, 15, \$1.75; 50, \$4; 100, \$7. Mrs. C. N. Mason, Uniontown, Kan.

BUFF ROCKS BRED FROM CHICAGO AND Kansas City first prize winners, fine, large, even colored, heavy laying stock. Eggs per setting, \$2.50, \$10 per hundred. Catalog free. C. R. Baker, Abilene, Kan.

BUFF ROCKS—FIFTH HIGHEST PULLET to date against all breeds among 384 at Arkansas National Egg Laying Contest, Heart of America first prize winners. Eggs, \$2.50 per 15 or \$10 per 100. Dinsmore Alter, Lawrence, Kan.

RHODE ISLANDS

EGGS FROM LARGE DARK RED ROSE Comb pure bred Rhode Island Reds. Five dollars hundred prepaid by insured parcels post. Mary Shields, Route 1, Barnes, Kan.

HARRISON'S EXHIBITION EGG STRAINS. Single and Rose Comb Reds. Breeding stock, eggs for hatching. Baby chicks, Get Red Breeders' Bulletin. Harrison Red Farms, College View, Neb.

RHODE ISLAND REDS, BOTH COMBS. Won more points than any breeder of Reds. Heart of America show. Rose Comb cockerels for sale. Free mating list. Marshall Plainview Yards, LaCygne, Kan.

Rhode Island—Eggs

ROSE COMB RED EGGS, LARGE STOCK, Jerry West, Colony, Kan.

SINGLE COMB REDS, 100 EGGS, \$5.00. Gertrude Haynes, Grantville, Kan.

DARK R. C. RED EGGS, \$1 15, \$2.75 50. Mrs. Winnie Smith, Murphy, Okla.

QUALITY SINGLE COMB REDS. EGGS, \$3 for 15. J. R. Harner, Penalosa, Kan.

ROSE COMB RED EGGS, \$2 15; \$9 100 prepaid. Easterly & Easterly, Winfield, Kan.

LARGE DARK PEDIGREED ROSE COMB Red eggs. Setting, \$1. M. Jackson, Goodland, Kan.

LARGE BONED DARK SINGLE COMB Reds. Eggs, \$6 100. Lelah Works, Humboldt, Kan.

QUALITY S.

Rhode Island—Eggs

ROSE COMB RED EGGS, \$5 100. THOMAS Spachek, Plisen, Kan.
BEAN'S PURE, EVEN, DARK ROSE COMB R. I. Red. Certified. \$1.25 15; \$3 50; \$5 100. Mrs. Lillie Wayde, Burlington, Kan.
WINNERS, LEHORNS, R. C. REDS. White Langshans, Runner ducks. Eggs, 15, \$1.50; 50, \$3.50. Thomas Ohlson, White, Kan.
LARGE DARK RED SINGLE COMB EGGS, 15, \$1.50; 100, \$7. 250 egg strains. Pedigreed males. Mrs. Frank Smith, R. 2, Lawrence, Kan.
SATISFACTION—SINGLE COMBED RHODE Island Reds. Pens running with range. Eggs, \$4, \$5 100. J. A. Bockenstette, Sabetha, Kan.
SINGLE COMB RHODE ISLAND EGGS. Healthy, mature, deep rich reds. Hoga-nized. \$8 100 prepaid. Cockerels. Mrs. Geo. Long, St. John, Kan.
PURE BARRED ROCKS—BRADLEY-Weigher layer strain. Eggs, \$6.50 100; \$3.50 50; \$1.50 15. Hens, \$2. Mrs. S. Van Scoyoc, Oak Hill, Kan.
PURE DARK ROSE COMB REDS. OB-long body, good laying strain. Eggs from choice pens, \$3, \$2.50 per 15. Utility, \$1.50. G. H. Meier, Alma, Kan.
MEIER'S SINGLE COMB REDS. FIRST prize winners at Chicago and Kansas City. Extra quality eggs. \$5 per 50, \$10 per 100. H. A. Meier, Abilene, Kan.
ROSE COMB RED EGGS, THE RED TO the skin kind. Bred for extra egg type, size, color. 15, \$1.50; 50, \$4; 100, \$7.50 postpaid. T. E. Brouillette, Miltonvale, Kan.
SINGLE COMB RHODE ISLAND RED eggs. Extra good color. Heavy laying strain. Pen, \$2.50 15. Range, \$1.25 15; \$7 100 prepaid. H. F. Enz, Fredonia, Kan.
SINGLE COMB REDS BRED FROM CHI-cago and Kansas City first prize winners, fine, large, dark, heavy laying stock. Eggs, \$2.50 per setting, \$10 per hundred. Catalog free. C. R. Baker, Abilene, Kan.
ROSE COMB RHODE ISLAND RED EGGS from range flock that has size, color and laying qualities. Setting, \$1.50; fifty, \$4; hundred, \$7 postpaid. Fertility and safe arrival guaranteed. A. J. Turinsky, Barnes, Kan.

Rhode Island White—Eggs

MY RHODE ISLAND WHITES ARE GREAT show and laying champions. Circulars free. M. A. Bohy, Albia, Iowa.
ROSE COMB WHITE EGGS, 15, \$1.50; 100, \$7. Chicks, \$15 100. State fair winners. Arthur Goenner, Zenda, Kan.
ROSE COMB RHODE ISLAND WHITE EGGS, \$5 100. S. C. White Minorcas, \$7 100. Mrs. Peter A. Johnson, Halstead, Kan.
R. COMB WHITES. EGGS, \$1.50 15. EX-celsior strain, wonderful layers, prize stock. Harper, 526 East First, Hutchinson, Kan.
EXCELSIOR ROSE COMB WHITES, EX-celsior layers, from prize stock. 100 eggs, \$8; 50, \$4.50; 15, \$2. E. Biddleman, Kinsley, Kan.
PURE ROSE COMB RHODE ISLAND Whites. Strong range flock. Excellent layers. Eggs, hundred, five dollars; fifteen, one dollar; postpaid. Mrs. E. E. Peek, Wellington, Kan.

WYANDOTTES

SILVER WYANDOTTE EGGS FROM GOOD layers, \$1.50 15; \$5 100. Cockerels, \$2.50. Angus Kay, Clifton, Kan.
PURE BRED WHITE WYANDOTTE EGGS, \$6.50 hundred. Chicks 15c. Prepaid. Guar-anteed live delivery. James Christiansen, Tanton, Kan.
WHITE WYANDOTTES, MARTIN AND Keeler strains direct. Record layers. Closely culled. 500 eggs, \$30; 200, \$12.50; 100, \$7.50; \$3.50 30. \$2.75; 15, \$1.50. Orders filled promptly. Baby chicks April and May delivery prepaid. Safe delivery and satisfaction guaranteed. Garland Johnson, Mound, Kan.

Wyandotte—Eggs

SILVER LACED WYANDOTTE EGGS. Roy Cameron, Wiley, Kan.
PURE WHITE WYANDOTTE EGGS, \$5 100. C. E. Evans, Rqute 1, Marion, Kan.
WHITE WYANDOTTE EGGS, \$6 PER 100. Mrs. Everett Booher, Fredonia, Kan.
PARTRIDGE AND WHITE WYANDOTTE eggs, \$5 hundred. Wm. Hebbard, Milan, Kan.
ROSE COMB WHITE WYANDOTTE EGGS, \$4 per 100. Mrs. Geo. Rankin, Gardner, Kan.
WHITE WYANDOTTE EGGS, 15, \$1.25; 30, \$2; 50, \$3. Prepaid. Angie Archer, Grenola, Kan.
BRED TO LAY WHITE WYANDOTTE eggs, \$1.25 setting; \$4 100. J. Lilly, West-phalia, Kan.
WHITE WYANDOTTE EGGS FROM CHOICE stock, \$1 16; \$5 105. Mrs. Will Beightel, Holton, Kan.
WHITE WYANDOTTE EGGS, PURE BRED, 15, \$1; 100, \$5.50. Sadie Springer, Man-hattan, Kan.
BUFF WYANDOTTE EGGS, \$5 PER 100. Baby chicks, 14c. Jenkins Poultry Farm, R. 3, Jewett, Kan.
CHOICE SILVER WYANDOTTE EGGS, fifteen, \$1.50; hundred, \$7. Mrs. Philip Schuppert, Arrington, Kan.
SILVER WYANDOTTE EGGS, SETTING, 75c; 100, \$4. Well marked, good layers. Bird Milner, Freeman, Mo.
SILVER WYANDOTTES, THE BEST WIN-ners at National Club show, egg list free. Chas. Martin, Fredonia, Kan.
WHITE WYANDOTTE, KEELER STRAIN, record layers. Eggs, \$6 100. Pen, 15, \$2. Anna Melchar, Caldwell, Kan.
WHITE WYANDOTTE EGGS FOR HATCH-ing. Record layers. Catalogue free. Mrs. A. J. Higgins, Effingham, Kan.
SILVER WYANDOTTE EGGS FROM LAY-ing strain, \$1.50 setting; \$7.50 hundred. Henry L. Brunner, Newton, Kan.
WHITE WYANDOTTE EGGS, CAREFULLY selected from record layers. Setting, \$1.25; 100, \$6. Jas. Townsadin, Ames, Kan.
WHITE WYANDOTTES, CAREFULLY SE-lected winter layers. Eggs, \$3.50 50; \$6 100. Emma Savage, Miltonvale, Kan.
CHOICE WHITE WYANDOTTE EGGS, Martin stock. \$1 per 15; 100, \$6. Pen eggs, \$2. W. G. Young, Liberal, Kan.

Wyandotte—Eggs

WHITE WYANDOTTE EGGS, MARTIN-Keelers direct. Prize pens, 15, \$3. Flock, 100, \$7. H. O. Collins, Fontana, Kan.
WHITE WYANDOTTE EGGS, \$4.50 PER 100. Extra laying strain. Range stock. Mrs. W. L. Bunning, White City, Kan.
CHOICE ROSE COMB SILVER LACE Wyandotte eggs, \$6 100; \$3 60; \$1.25 set-ting. Mrs. Girard, Route 2, Madison, Kan.
STANDARD GOLDEN WYANDOTTE EGGS. Two range flocks, \$6.50 and \$8.50 per 100; \$1.50 and \$2.15. Greenwood Farm, Parsons, Kan.
WHITE WYANDOTTE EGGS AT 10 CENTS each, birds scored 92 to 95 by Judge Mod-lin. Good layers. Frank Henderson, Solo-mon, Kan.
WHITE WYANDOTTES, BARRON'S LAY-ing strain. Setting, \$2; 50 eggs, \$5; 100, \$9; all prepaid. Guarantee 60% hatch. H. A. Dressler, Lebo, Kan.
PARTRIDGE WYANDOTTE, MAHOGANY strain, also Golden Wyandotte, all prize winning eggs. 15, \$1.50; 100, \$8. E. Mont-gomery, Independence, Kan.
REGAL STRAIN DIRECT, WHITE WYAN-dotte eggs from heavy laying prize win-ning stock, \$1.25 15; \$6 100; prepaid. Mrs. Benj. Carney, Marion, Kan.
TRAPNESTED WHITE WYANDOTTE EX-celsior winter layers. Fishel's strain di-rect. Fifteen eggs, one dollar fifty postpaid. J. W. Rucker, Hartland, Kan.
PURE BRED WHITE WYANDOTTE EGGS for hatching from very high laying strain. Prize winning pen, \$3.50 fifteen. Farm flock, \$1.25 fifteen; \$7 hundred. John Col-lister, Manhattan, Kan.
WHITE WYANDOTTE EGGS, 15 DEL., \$1.50; 100, \$5. Hens scored for high egg production by state judge. Mated to Regal Dorcas cockerels direct. Low prices on pen eggs. Chas. Kaiser, Miltonvale, Kan.

Sussex—Eggs

SPECKLED SUSSEX EGGS, \$2 SETTING. J. J. Pauls, Hillsboro, Kan.

TURKEYS

MAMMOTH BRONZE TOMS, 30-48 POUNDS, \$25, \$35. Laura Ullom, Lamar, Colo.
"GOLDBANK" MAMMOTH BRONZE TOMS, \$15. Mrs. Iver Christenson, Jamestown, Kan.
PURE BRED GOLDEN BRONZE TOMS, 32 pounds, \$15. Mrs. Fred Walter, Wal-lace, Neb.
TWO MAMMOTH BRONZE COCKERELS, 22 and 29 pounds. Sire state first prize 1920. \$10, \$12. Mrs. James Aitken, Severy, Kan.
PRIZE WINNING GIANT BRONZE TUR-keys. Eggs, \$1 each; 10, \$9. Beautiful Ringlet Barred Rocks, 75c setting. White Pekin ducks, \$1.25 setting. Ed Lockwood, Kinsley, Kan.

Turkey—Eggs

WHITE HOLLAND EGGS, \$5 DOZEN. F. A. Enke, Green, Kan.
MAMMOTH BRONZE TURKEY EGGS, \$5.50 11 postpaid. Perl Elliott, Glade, Kan.
PURE BOURBON RED TURKEY EGGS, \$5 dozen. Mrs. T. A. Hawkins, Garden City, Kan.
WHITE HOLLAND EGGS, \$4 PER 11. Cheaper in larger lots, April 15 to May 1 delivery. Florence Binard, Burlington, Colo.
GIANT BRONZE TURKEY EGGS FROM large select stock, \$1 each. Booking orders. Trio to sell. Vira Bailey, Kinsley, Kan.
GIANT BRONZE TURKEY EGGS, BEST of breeding. \$1 each. First prize tom at Wichita State Poultry Show at head of flock. Booking orders. Ben Ely, Kinsley, Kan.

SEVERAL VARIETIES

TOULOUSE GEESE, LIGHT BRAHMA eggs. Walter Seimears, Howard, Kan.
1949 COCKERELS, HATCHING EGGS, 49 varieties. Free book. Aye Bros., Box 5, Blair, Neb.
SINGLE COMB WHITE LEHORNS AND Rose Comb Reds. Eggs 15 \$1.25; 100, \$6. Prepaid. Geo. Stullken, Bazine, Kan.
BLUE ANDALUSIAN EGGS, \$1.50 15; \$8 100. Bourbon Red toms, \$9. Turkey eggs, 40c each. Order from this ad. Jennie Kopf, Beverly, Kan.
ALL VARIETIES OF BETTER BRED poultry produced by specialists. For money saving prices on chicks or eggs write, stating breed desired, to Milton Smith, Secretary, Rooks County Poultry Association, Plainville, Kan.
EGGS FROM CHOICE BLUE ANDALU-sians. Excellent layers. Winners wher-ever exhibited. Also from Irish grey breasted red blue Marines, Red Cuban, Pit Games, pure stock. \$2 15; \$8 100. Prepaid, insured. Henry Green, Wellington, Kan.

Several Varieties—Eggs

BUFF DUCK EGGS, \$2 PER 12. BARRED Rock eggs, \$4 per 100. Mearl Wolfkill, Garden City, Kan.

POULTRY WANTED

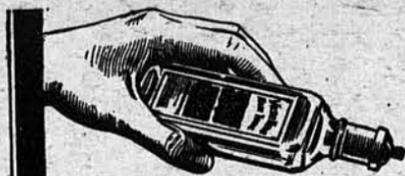
PREMIUM PRICES PAID FOR SELECT market eggs and poultry. Get our quotations now. Premium Poultry Products Company, Topeka.

POULTRY SUPPLIES

CURE AND PREVENT ROUP AND BLACK-head. Roup, \$1. Blackhead, \$1. Both, \$1.50. Ridgeway Ranch, Exeter, California.

Lamb's Quarter for Hogs

Lamb's quarter, which J. R. Camp-bell, an Eastern Oklahoma farmer, fought as a weed early last season, has proved to be valuable hog pasture, according to John L. Schad, farm dem-onstration agent. So, Campbell is seed-ing 4 acres of land to the crop. In addition, he has three other varieties of pasture for this year's hog range.



A PURE petroleum prod-uct. Keeps the hair soft and smooth. The natural remedy for falling hair, dry scalp and dandruff.

Trial size sent for 10c, or free booklet, "Care of the Scalp and Hair", upon request.

CHESEBROUGH MFG. CO. (Consolidated) 30 State Street New York

Vaseline HAIR TONIC

MEN WANTED

\$35.00 to \$100.00 per week. Part or full time. Country or city work. For country work auto or team required. Begin at once or later, as desired, but arrangements must be made now. Write at once for particulars. Koch V. T. Co., Box K, Winona, Minn.

\$3 Cash Buys Typewriter

Balance Only \$5 Monthly Save 35 to 60% on all Standard makes—Underwood, Royal, Rem-ington, etc. Every machine thor-oughly rebuilt and guaranteed. Try 5 days at our expense before you buy. WRITE at once for Free De-scriptive Circular and Special Low Price. WYNN TYPEWRITER EXCHANGE, 41 Rollance Building Kansas City, Mo.



There's Music in the Air—Hear It Daily by Radio

There are voices in the air to bring news to all who will listen. At present there are more than a dozen broadcasting Radio Stations in the U. S. sending out over the country every day and every night—not in code or in dots or dashes, but by human voices—complete programs of music, lectures, pipe organ recitals, market reports, weather fore-casts, stock quotations and sporting news. All this entertainment and information is speeding by on waves of radio. It makes no difference where you live, on the farm or in town, you can have the pleasure of listening in on all with this complete Radio Receiving Outfit which is one of the most powerful of its kind. By placing this Set in your own home it will bring to your ears every pleasure of human life in which we are all interested. Imagine your-self sitting down to one of these machines in your own home with the whole family gathered around listening to a speech, concert or vaudeville entertainment which is going on hundreds of miles from your home and is being sent out by Radio broadcasting Stations for the benefit of those who have a Radio Receiving Set. It is wonderful.

Anyone Can Operate This Radio Set

This Radio Set is as simple to operate as a phonograph or a player-piano—with it you can keep in touch with the outside world, and the delightful thing about it is, that you do not have to be an expert or an amateur Radio Operator to listen in on the waves of radio which are speeding thru the air. This Radio Set is strong enough to receive messages from any point in the U. S. And when it is set up in your home it will be a source of pleasure and a center of attraction for the whole family. There are no wires to be torn down; the line is never busy. There is nothing to disturb you and it talks plain English just like the telephone. Every one can understand. Any one can operate it. It is always ready for use. Radio Set Given Away Free.

Here's Your Opportunity—Send No Money—Mail Coupon Today

Form with fields for Name, P. O., State, and St. and No., and a section for Capper Radio Club, 905 Capper Bldg., Topeka, Kan.

HIDES Tanned for Leather

Don't give your hides away. Summer hides make splendid leather. We'll tan them into harness leather for you or send you immediately harness leather in exchange. This makes your hides worth 10c to 20c a pound to you and at same time gives you genuine oak tanned harness leather—the same as in your best harnesses—at less than half the regular price. Send today for FREE BOOKLET on how we tan harness leather for you, giving prices and showing the big saving we make you. Do it now.

OMAHA TANNING CO. 4513 S. 27th St. Omaha, Neb.

Big Engine Sale advertisement with prices for 2 H.P., 3 1/2 H.P., 4 H.P., and 5 H.P. engines.

9000 White Oak Posts

Cut from young White Oak Timber 7' long facing 6" small end. F. O. B. Merritt, Illinois. (C.B. & Q.R.R.) If interested, for price write Joseph E. Winterbotham, 11 S. LaSalle St., Chicago.

6 DANDY MAGAZINES \$1

Woman's World, Household, Mother's Magazine, Gentlewoman, Capper's Farmer, Good Stories. All For \$1.00. ORDER CLUB No. 50. A DOLLAR BILL WILL DO. We Stand the Risk. Send all Orders Direct to CAPPER'S FARMER, TOPEKA, KAN.

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

What's New in Livestock

BY OUR FIELDMEN AND REPORTERS

THE sale of the Percheron horses owned by the estate of Henry Basinger was held at Missler, Kan., March 23. Altho prices did not range high the demand for stallions was greater than the supply. The Percherons sold were all bred by the late Henry Basinger and prices ranged from \$136 for a coming 2-year old filly to \$325 for a 5-year old stallion.

Fight on T. B. is Winning

The total number of cattle now under supervision in the tuberculosis-eradication work being carried on by the United States Department of Agriculture in co-operation with the states has passed the 2 million mark, the total for February being 2,027,000. During that month 200,334 cattle were tested, bringing the total of cattle once tested up to 1,181,516, and the total of those in fully accredited herds to 292,716. There are now 361,826 cattle on the waiting list. On March 1, more than 12,000 farmers and breeders had accredited herds.

Villager Magnet is Dead

Fred Abildgaard, Winfield, Kan., had the recent misfortune to lose his Scotch Shorthorn herd bull, Villager Magnet. This was not only a big loss to Mr. Abildgaard but to the Shorthorn business of Kansas and the Southwest as this bull was one of the very best breeding bulls of the breed in the territory mentioned. Villager Magnet was a white 7-year old bull sired by Village Fancy out of a Casandria dam.

Hazlett Heads American Royal

R. H. Hazlett of Eldorado, Kan., was elected president of the American Royal Livestock Exposition Company at a meeting in Kansas City recently. Mr. Hazlett formerly was president of the American Hereford Cattle Breeders' Association. Other officers of the American Royal elected were F. W. Harding, Chicago, first vice-president and W. H. Weeks, Kansas City, second vice-president.

Club Heifer Produces \$1,000 Bull

Three years ago a purebred Hereford calf club was started in Johnson county, Kan. Twenty-nine registered Hereford heifers were purchased from John E. Painter of Colorado. These were graded, classified and delivered on May 17, 1919 to the boys and girls at actual cost plus the freight and

other expense which amounted to an average of \$300 a head. Every club member was provided with a pedigree of his heifer together with a booklet of instructions for feeding and management of the heifer.

At the recent Round-up sale at Kansas City in which more than 500 registered Herefords sold at auction, one curly coated, heavy boned yearling bull attracted much attention. Prospective buyers were always around it and when it was led into the ring the bidding was keen between Texas, Missouri, Colorado, Kentucky and South American buyers. Finally it sold for \$1,025 for export to South America. This splendid young bull, Bright Visage 983955, was out of Miss Mansell 103d 737473 which was one of the heifers in the Johnson County Calf Club owned by Margaret M. Hemphill of Olathe, Kan.

Reno County Dairy Show

The Reno County Dairy Show will be held May 4 and 5 at the State Fairgrounds, Hutchinson, Kan., under the auspices of the Reno County Cow Testing Association. It is expected to be the biggest exclusive dairy show ever held in the state. It will be much bigger and better than last year as the Association is a stronger organization and is backed by the Hutchinson Chamber of Commerce and the County Bankers Association.

The Dairy Show will be one of the biggest events of the year for Reno county and the city of Hutchinson, and the biggest event for the dairymen. In the Dairy Show last year there were more than 100 dairy cattle of the four dairy breeds on exhibition. Loving cups were given for the best aged cow of every breed. These cups must be won two years out of three in order to be kept permanently. The winners of the cups last year were: Fred E. McMurry, Holstein; Gossard Breeding Estate, Ayrshire; George Newlin, Guernsey; and George Vincent, Jersey.

The judging contest will be held for the high school students of the county again this year. There will be seven teams entered and in addition to the cup that will be given the winning team, there will be individual prizes consisting of gold watch, medals, fountain pens, silver and gold pencils.

On the evening of May 4 there will be given a free banquet by the Hutchinson Chamber of Commerce for the dairymen and visitors. Everybody is invited. Don't forget the date and place. May 4 and 5 at the State Fairgrounds in Hutchinson.

Low Producers and High Producers

In the Oswego Cow Testing Association 55.2 per cent of the cows produced more than 250 pounds of butterfat, the average being 326.5 per cent. Figuring butterfat at 35 cents a pound fat and skimmilk at 20 cents a hundred-weight their product would be worth \$130.60. The average cost of feeding these cows was \$55.72. Deducting this from the value of the product there remains \$74.88 as returns above cost of feed.

About 44.8 per cent of the cows produced less than 250 pounds of butterfat, the average being 202.4 pounds, valued at \$80.96. The cost of feeding these cows was \$33.15, and the returns above feed cost (which is often called profit but strictly speaking it is far from that because it does not take into account investment, insurance, labor, manure and calves) is \$33.15.

The significance in these figures is that it only costs \$7.91 more to feed those averaging 326.5 pounds of butterfat than it did to feed those averaging 202.4 pounds of butterfat, while the return above cost of feed is \$41.73. In other words the profits were more than doubled while the feed bill was only slightly increased.

Five hundred and six candidates recently took examinations in 32 states in the Union for Rhodes scholarships to Oxford University, in England. It is the largest number of candidates for a single year since the scholarships were established. There will be 32 students appointed to enter the university in October, 1922.

Last Duroc Sale of the Season

Rule and Woodlief Sell 58 Durocs

Ottawa, Kansas, Saturday, April 22

8 bred spring gilts, 30 fall gilts, 20 fall boars. Most of the spring gilts are bred to or sired by Wonder Sensation by Major Sensation, 1919 world's junior champion, and Great Wonder's Pathfinder. Some are bred to a son of Uneeda Orion Sensation, 1921 Nebraska grand champion and world's junior champion. Fall gilts and boars farrowed in September. Same breeding as bred gilts.

SPECIAL—Some gilts are out of dams by Climax Sensation by Great Sensation, some out of a daughter of Pathfinder, some by a sire out of littermate of Pathfinder, and some fall boars are by Pathmaster out of a daughter of Pathfinder. Everything immuned. Your last opportunity this spring to buy good, well bred Durocs at auction. Write for catalog. Please mention Kansas Farmer and Mail and Breeze.

Rule & Woodlief, Ottawa, Kan.

Send mail bids to J. T. Hunter, Auct., H. L. Burgess, Fieldman, J. T. Hunter.

DUROC JERSEY HOGS

Royal Herd Farm Durocs

Victory Sensation 3rd gilts bred to Sensation Boy for April farrow. Cracking fall boars and gilts by this same champion sire. Write or better still come and see these Durocs.

B. R. ANDERSON, McPHERSON, KANSAS

Shepherd Calls a Halt

No bred sows and gilts for sale at this time. Offering fall boars by Shepherd's Orion Sensation and Pathfinder Jr. Good ones. Write us.

G. M. SHEPHERD, LYONS, KANSAS

Valley Spring Durocs

Sensations, Pathfinder, Orions. Boars all ages. Sows and gilts bred to outstanding boars. Immunized, pedigree furnished, guaranteed breeders. Year's time if desired.

E. J. Bliss, Bloomington, Kan., Osborne Co.

Duroc Boars \$20.00 to \$25.00

150 to 200 lbs. Well bred good bone and length. Order from this advertisement direct and I will ship you a good pig.

J. E. WELLS, HOLTON, KAN.

Durocs \$20 to \$30

Boars ready for service. Fall pigs, either sex, not related, by Hurdler Pathfinder and Valley Wonder Sensation. E. C. MUNSELL, RUSSELL, KANSAS.

Stadt's O. K. Strain of Durocs

Fall boars by Wonder's Giant I Am. Our motto, "Size with Quality." J. F. STAAT & Sons, Ottawa, Kan.

Fall Boars and Gilts by Jack's Great Orion

Booking orders for spring pigs by Orion the Great, Sid Replogie, Cottonwood Falls, Kan.

WEANLING DUROCS FOR SALE

By Major Sensation Col., Grand Master and other good sires. At prices any farmer can afford to pay.

Overstake Bros., Atlanta, Kansas

TRIED SOWS, FALL YEARLINGS, SPRING GILTS

bred to Orion's Model, a real breeding boar, for April and May farrow. Satisfaction guaranteed. S. D. Shaw, Williamsburg, Kan.

SEPT. BOARS BY GREAT PATHFINDER

1920 Kansas grand champion, and Long Pathfinder by Pathfinder Chief 2nd. Out of good dams. Priced reasonably. E. G. Hoover, Wichita, Kan.

EARLY FALL BOARS, IMMUNED

Orion, Pathfinder, Col. breeding. Priced right.

L. A. Poe, Hunnewell, Kansas

POLAND CHINA HOGS

Deming Ranch POLANDS

Two-year-old sows bred to Latchnite for April farrow. Choice September, October and November pigs, either sex. A few Latchnite litters among October and November pigs. If you want a Latchnite pig get your order in early.

H. O. Sheldon, Supt. Swine Dept., Oswego, Kan.

BigType Immuned Polands

Serviceable males, \$25; bred gilts, \$30; and Sept. pigs, \$15. GEO. J. SCHOENHOFER, Walnut, Kan.

Poland China Gilts For Sale

age 7 months, weight 240 lbs. All immuned. Price \$30.00. E. H. W. HARTMAN, Valley Center, Kan.

Poland Baby Pigs For Sale

at weaning time. Price \$25; pair, \$45; trio, \$65; not related. Mrs. A. J. Swingle, Leonardville, Kan.

GOOD, GROWTHY POLAND CHINA BOARS

by Valley Jumbo of fall farrowing, from big litters. Price \$20 and \$25, satisfaction guaranteed. E. M. Wayde, Burlington, Kansas.

TWO BIG TYPE POLAND CHINA

Sept. males, extra good; also sow pigs, immuned, eligible. W. V. Gill, Piedmont, Kansas.

SPOTTED POLAND CHINA HOGS

Spotted Poland Chinas
Stock of all ages. The best blood lines.

A. S. Alexander, Burlington, Kansas.

Spotted Polands, Both Sexes

Big type and English. C. W. Welsenbaum, Altamont, Kan.

Spotted-Poland China Pigs, Either Sex

Best bloodlines. Hubert Sherman, Geneva, Kan.

Classy Sept. Boars \$20.00

Immuned, guaranteed. John Greenleaf, Mound City, Kan.

SPOTTED POLAND CHINAS

15 gilts bred for April farrow, the best of blood lines. Jas. A. Thompson, Holt, Mo.

BROWN SWISS CATTLE

Brown Swiss Bull Calves
and yearlings from good stock. Prices from \$25.00 to \$75.00 each.

W. H. LINVILLE, WINONA, KANSAS

HORSES AND JACK STOCK

35 Head of Registered Jacks

as good as grows, by Grand Champions at Southern State shows, 2 to 7 yrs. old, 15 to 16 hands high, 9 to 10 inch bone used in our stables last season, can show colts. Few Belgian and Percheron Stallions. This stock must be sold in next 60 days. We have what we advertise. Can ship over Santa Fe, Mo. Pac. and Frisco.

J. P. MALONE, LYONS, KANSAS
M. H. MALONE, CHASE, KANSAS

Ten Percheron Stallions

All registered. Priced from \$200 to \$500. Some broke to harness. Blacks and greys. No better breeding or individuals. Included in this offering are the 3d and 4th prize winners in the aged stallion class at the last Kansas National, Wichita, Kan. Briggs or Emmett Creek Sta. on the A. V. I. R. between Wichita, Hutchinson and Newton, Kan.

A. H. Taylor & Son, Sedgwick, Kansas

35 Mammoth Jacks

Big heavy bone, black jacks, 15 and 16 1/2 hands, weight up to 1200 pounds, 3 to 5 years old. Guaranteed. We have colts to show you. High class Percheron mares and fillies and young stallions.

Al E. Smith, Lawrence, Kan.

6 Percheron, Ton Breeding Stallions

7 reg. jacks (own raising). Colts and mules to show, very choice stock with size and weight, desirable ages, dark colors.

GEO. SCHWAB, CLAY CENTER, NEB.

Jacks and Jennets For Sale

Closing out my high quality registered animals. Price on individuals low or I will make a very low price on the whole bunch.

ELWIN W. DALES, EUREKA, KANSAS

One Reg. Jack, 6 Years Old

for sale or trade, good size and good breeder. Would trade for young Percheron stallion or good team. L. T. VanDeventer, Waukomis, Okla.

GREAT SHOW AND BREEDING JACKS

Priced right. Hineman's Jack Farm, Dighton, Kan.

FINE LARGE BLACK STANDARD BRED

and two fine large black saddle bred stallions, \$400 each, cash only. H. G. Shore, with August Clothing Co., Topeka, Kansas.

FOR SALE OR TRADE

The best bred purebred Percheron stallion in the state. Geo. Rowan, Moscow, Kansas.

HAMPSHIRE HOGS

Walter Shaw's Hampshires
200 HEAD: REGISTERED, immuned, tried bred sows and gilts, serviceable boars.

WICHITA, KANSAS, RT. 8,
Telephone 3918, Derby, Kan.

WHITEWAY HAMPSHIRE ON APPROVAL

Choice fall boars and gilts. Big hardy fellows sired by the champion. Immunized pairs and trios not related. F. B. WEMPE, FRANKFORT, KANSAS.

SUMMIT HOME

Choice fall gilts and boars ready for service, prize winning strain. Immunized and shipped on approval. S. W. Shineman, Frankfort, Kan.

RED POLLED CATTLE

Fort Larned Ranch

12 coming two Red Polled Bulls which must be sold immediately. Write for prices.

E. E. FRIZELL & SONS, Frizell, Kan.

10 RED POLLED BULLS

Priced \$75 to \$100. First check gets choice. Guaranteed breeders. Will price few cows and heifers reasonable. R. C. Brownlee, Holden, Mo.

Four Red Poll Bulls

serviceable age and nine females, priced to close out. The tops of 55 head, best of breeding, with size and quality.

T. G. MCKINLEY, ALTA VISTA, KANSAS

Choice Red Polled Bulls and Females

All ages. From our accredited herd. Shipped on approval. Schwab & Son, Clay Center, Neb.

Pleasant View Stock Farm

Registered Red Polled cattle. For sale, a few choice young bulls, cows and heifers.

Halloran & Gambrell, Ottawa, Kansas

FOSTER'S RED POLLED CATTLE

A few choice young bulls.

C. E. Foster, Route 4, Eldorado, Kan.

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

The Livestock Service of the Capper Farm Press

Is founded on the Kansas Farmer and Mail and Breeze, the Nebraska Farm Journal, the Missouri Ruralist and the Oklahoma Farmer, each of which leads in prestige and circulation among the farmers, breeders and ranchmen of its particular territory, and is the most effective and economical medium for advertising in the region it covers.

Orders for starting or stopping advertisements with any certain issue of this paper should reach this office eight days before the date of that issue. Advertisers, prospective advertisers or parties wishing to buy breeding animals, can obtain any required information about such livestock or about advertising, or get in touch with the manager of any desired territory by writing the director of livestock service, as per address at the bottom.

Following are the territory and office managers:

- W. J. Cody, Topeka, Kansas, Office.
- John W. Johnson, Northern Kansas.
- J. T. Hunter, Southern Kansas.
- Stuart T. Morse, Oklahoma.
- Jesse R. Johnson, Southern Nebraska.
- R. A. McCartney, Northern Nebraska.
- O. Wayne Devine and Chas. L. Carter, Missouri.

T. W. Morse, Director of Livestock Service
Kansas Farmer and Mail and Breeze
Topeka, Kansas

LIVESTOCK AUCTIONEERS AND SALE MANAGERS.

BOYD NEWCOM, Auctioneer
217 Beacon Bldg., Wichita, Kan.

Jas. T. McCulloch, Clay Center, Kan.
My reputation is built upon the service you receive. Write, phone or wire.

Vernon Noble, Auctioneer
Manhattan, Kan. Livestock and Real Estate.

HOMER BOLES, RANDOLPH, KANSAS
Purebred stock sales, land sales and big farm sales. Write or phone as above.

Dr. L. E. Shay, Atchison, Kan., Dispersing His Federal Accredited Herd of Purebred Holstein-Friesians Atchison, Kan., Saturday, April 15

Dr. Shay has rented his farm and is dispersing his entire herd because he must give all of his time to his other business. 24 pure bred, six excellent high grade cows in milk. 15 cows in milk and nine that will freshen this spring or early summer. Here is your herd bull opportunity. King Aaggie Pontiac Oak, a wonderful individual and a sire that has attracted attention all over the state. A string of seven splendid daughters of this great sire from a few weeks old to yearlings. The Dr. L. E. Shay herd was founded a few years ago with selections from the best herds in the country. The decision to close it out at auction was arrived at only a few days ago and you are buying choice cattle at auction in their everyday clothes. There is sure to be bargains here. For the catalog address,

Dr. L. E. Shay, Atchison, Kansas
Auctioneers: Jas. T. McCulloch, Clay Center, Kan., and others.
J. W. Johnson, Fieldman, Mail and Breeze.

Holstein-Friesian Ass'n of Kansas

Has a membership of 500 breeders who own over 7,000 purebred Holsteins. June 8-9-10—National Association Sale, Convention Hall, Kansas City, Mo. Walter Smith, Pres., Topeka. W. H. Mott, Sec'y-Treas., Herington, Kan. This section is reserved for members of this association. For rates and other information address, Copper Farm Press, Topeka, Kan.

WAKARUSA FARM HOLSTEINS
Nicely marked registered Holstein bull calves, some from A. R. O. dams. Price \$35 to \$50. Also three bulls ready for service. Write for description and photo. Reynolds & Sons, Box 52, Lawrence, Kan.

Corydale Farm Herd Holsteins
Bulls old enough for service, from A. R. O. dams at hard time prices. Write for information.
L. F. CORY & SON, BELLEVILLE, KAN.

BULLS Sired
by Sir Ledy Gilsta, his dam 3 times 32 lb. dam and from good dams.
J. P. MAST, SCRANTON, KANSAS

FOR SALE VERY REASONABLE
12 cows, 5 two yr. old heifers, 4 yearling heifers, 4 heifer calves 1 to 6 months old. Herd bull, nearest two dams milk 23,000 lbs. Butter 1070 lbs. Other bulls ready for service. R. E. STUEWE, Alma, Kan.

BRAEBURN HOLSTEINS
Service bulls are 'out.' If you want to save money, buy a calf that won't cost much to move, and raise him yourself. From six months down.
H. B. COWLES, 608 Kansas Ave., TOPEKA, KAN.

REGISTERED HOLSTEINS
Bulls 2 months to 16 months old. Price \$25.00 to \$60.00. Sired by a 30 pound bull, dams heavy milkers. State age of bull wanted when writing.
V. E. CARLSON, FORMOSO, KANSAS

HOLSTEIN CATTLE

SHUNGAVALLEY HOLSTEINS
Your last chance for a Konigen bull. Only two left any age. These bulls have not been offered before. Dam just finished a 305 da. record with 680 lbs. butter and 14,000 lbs. milk as a Sr. 2 yr. old. State record for class. Bull a very fine individual just past 10 mos. of age. The other calf is a corker, 5 mos. of age with good records. Write for particulars.
IRA ROMIG & SONS, TOPEKA, KAN.

Turkey Creek Farm Holsteins
For Sale—Columbine Pontiac Ormsby Changeling, Born July 18, 1921. Evenly marked. Sire, Sir Pietertje Ormsby Fobes. Dam, a daughter of a 44 lb. bull. Price, \$100. TURKEY CREEK FARM, Chas. C. Wilson, Manager, COLORADO SPRINGS, COLO.

Purebred Holstein Bulls
Yearling grandsons of King Segis Pontiac, nicely marked, smooth, large framed, and from heavy milking cows, also some 6 to 8 months old. Government inspected and priced to sell quickly. VALLEY VIEW STOCK FARM, J. A. Reed, Lyons, Kan., Route 2.

HOLSTEIN & GUERNSEY CALVES, 7 weeks old, 31-32nds pure, \$25 ea. shipped C.O.D. Reg. Holstein bull calves \$45. Edgewood Farms, Whitewater, Wis.

TWO HOLSTEIN SERVICE BULLS
Sires dam 38.93. Dam 28 and 21 lbs. butter.
G. Regier & Sons, Whitewater, Kansas

POLLED HEREFORD CATTLE

POLLED HEREFORDS FOR SALE
Bulls 8 to 30 months old, also herd bull Pinto 37th 677746-12986. Cows bred or calf at foot 4 to 6 years old. Fine bred heifers, all of these cattle are good in flesh, heavy boned, well marked, real low priced. Also black and white spotted Shetland mare pony.
J. H. GOESTZEN, R. 3, HILLSBORO, KAN.

20 Reg. Polled Hereford Bulls
and 20 one and two-year-old heifers for sale. If you need a herd bull don't fail to see this herd.
R. H. LANGHOFER, HERINGTON, KAN.

When writing advertisers mention this paper

SOME CHOICE BRED HEIFERS
Bred to our junior sire, a son of King Segis Pontiac Count. Bull calves from this sire at attractive prices. Ask for photos and breeding.
W. H. MOTT, HERINGTON, KANSAS

BULLS ALL SOLD
Nothing to offer at present, but watch this space. We're still in business at the same old place.
T. M. EWING, INDEPENDENCE, KANSAS

YOUNG BULL
nearly ready for service by a 30 pound sire and out of a 20 pound two year old dam. A bargain if you write soon for photo and price.
W. E. ZOLL, RT. 6, LEAVENWORTH, KANSAS

KING PONTIAC MUTUAL SEGIS
Bulls, calves to long yearlings. Priced right. Raised everything offered for sale. Tuberculin tested herd. Herd sire, King Pontiac Mutual Segis by the great King Segis Pontiac, Cleland & Williams, Hiattville, Kan.

SONS AND GRANDSONS
of Vanderkamp Segis Pontiac for sale. Vanderkamp Segis Pontiac is Kansas' leading sire of production. Buy bulls priced right from an accredited herd.
COLLINS FARM COMPANY, SABBETHA, KAN.

YOUR NEIGHBOR BREEDER
If he breeds Holsteins he needs the association's help. See it he joins. Send his name and check for \$5 to
SECRETARY W. H. MOTT, HERINGTON, KAN.

JERSEY CATTLE

HILLCROFT FARMS JERSEYS
Imported and Register of Merit Jerseys. Choice bull calves for sale. Also registered Durocs.
M. L. GOLLADAY, PROP., HOLDEN, MO.

High Class Registered Jersey Cows
Exceptional values, young cows 2 to 8 yrs. Some have large register of merit records. Others on test now. Many state Fair winners. Also some good young bulls 3 to 18 mos. old. Inspection invited.
R. A. GILLILAND, DENISON, KANSAS

YEARLING JERSEY BULL
For Sale: Just one, exceptionally fine, sired by R. A. Gilliland's Herd Bull out of Register of Merit dam whose blood we bought of John Deere in 1880.
SIDNEY S. LINSKOTT, HOLTON, KANSAS

Scantlin Jersey Farm, Savonburg, Ks.
Financial Kings, Raleigh and Noble of Oakland breeding.
SYLVIA JERSEY RANCH, SYLVIA, KAN. Herd Federal accredited. Heifers and young cows. Also bull calves from Reg. of Merit dams.

FEDERAL ACCREDITED JERSEY BULLS
Serviceable age. R. M. dams, prize winning sires.
A. H. Knoepfel, Colony, Kansas.

REGISTERED JERSEY BULLS
February to two-year-olds. Priced to sell.
O. W. Fishburn, Haven, Kansas

ANOTHER BULL OF SERVICEABLE AGE
Sired by Bosnian's Golden Boy.
W. R. Linton, Denison, Kansas

CHESTER WHITE HOGS
Chester White Bred Gilts
and young boars. Verg Curtis, Larned, Kan.

40 O. I. C. PIGS
large smooth type. Harry Haynes, Grantville, Kan.

BRED SOWS AND FALL BOARS
Bred sows for April and May farrow by Alfalfa Model, bred to Wiemers' Choice, grandson of Junior champion, Nebraska State Fair 1918. Fall boars by Alfalfa Model and Chief Justice 2nd, August and September farrow. Immuned. Will ship on approval.
Alpha Wiemers, Diller, Nebraska

FALL BOARS, WEIGHT 200 POUNDS
Sired by prize winners, \$35 and up. Shipped on approval. Henry Wiemers, Diller, Neb.

Public Sales of Livestock

Shorthorn Cattle
Apr. 20—Northeast Kansas Shorthorn Breeders' Asso. Sale at Hiawatha, Kan. D. L. Dawdy, sale manager, Arrington, Kan.
April 21—W. H. Graner, Lancaster, Kan.
Apr. 27—H. W. Estes, Sitka, Kan.
May 5—Park E. Salter, Wichita, Kansas.
May 3—Ruben Harshberger, Humboldt, Neb.
May 10—Northwest Kansas Shorthorn breeders' association at Concordia, Kan., E. A. Cory sale manager, Concordia, Kan.
May 16—T. A. Ballantyne, Herington, Kan.
May 18—Atchison county breeders at the K. G. Gistad farm, Lancaster, Kan. Harry Gistad, Lancaster, and A. W. Sholz, Huron, Kan., sale mgrs.

Holstein Cattle
Apr. 15—Dr. L. E. Shay, Dispersion, Atchison, Kan.
June 8-9-10—National Holstein-Friesian Asso. sale, Convention Hall, Kansas City, Mo. W. H. Mott, Sale Mgr., Herington, Kan.

Hereford Cattle
April 25—Northern Kansas Hereford Breeders' association, Blue Rapids, Kan. J. A. Howell, Marietta, Kan., sale manager.
May 6—Southeast Kansas-Northeast Oklahoma Hereford Breeders' association, Independence, Kan. W. H. Morton, Sale Mgr., Altoona, Kan.
May 4—Johnson County Hereford Breeders' Association, R. L. Whitsett, Holden, Mo., Sec'y.

Polled Shorthorn Cattle
May 2—J. C. Banbury & Sons, Pratt, Kan.

Poland China Hogs
April 12—J. J. Hartman, Elmo, Kan.
Apr. 26—Fred Laptad, Lawrence, Kan.

Spotted Poland China Hogs
Apr. 11—Henry Field Seed Co., Shenandoah, Iowa.

Duroc Jersey Hogs
Apr. 22—H. T. Rule, Ottawa, Kan.
Apr. 26—Fred Laptad, Lawrence, Kan.
May 4—Shawnee County Duroc Jersey Breeders' association. Sale at fair grounds. O. H. Doerschlag, Topeka, Sale Mgr.
Oct. 25—W. T. McBride, Parker, Kan.
Aug. 21—Homer T. Rule, Ottawa, Kan.
Oct. 23—H. W. Flook & Son, Stanley, Kan.

Field Notes

BY J. W. JOHNSON

W. H. Linville, Winona, Kan., Wallace county, breeds Brown Swiss dairy cattle and offers for sale bull calves and yearlings at attractive prices. They are either registered or eligible to registry and from good strains of this popular dairy breed. Write at once for descriptions and prices. Address, W. H. Linville, Winona, Kan.—Advertisement.

Chas. Morrison & Son of Phillipsburg, Kan., owners of one of the good herds of Red Polled cattle, report a good demand for Red Polled breeding stock. Their offering at this time consists of a few choice heifers and some extra good young bulls. They are making prices that will interest beginners. Look up their advertisement in this issue and write them for prices and breeding.—Advertisement.

T. J. Dawe & Co.'s Poland Chinas
T. J. Dawe & Co., Troy, Kan., is one of the oldest Poland China breeding establishments in the state, having been established over 40 years ago. "Jim" Dawe, a partner with his father in the business, is in active charge. Last winter he bought a number of top sows in the leading sales and he is having good luck in saving the pigs this spring. They also breed Shorthorn cattle and are well known exhibitors at leading shows.—Advertisement.

T. A. Ballantyne's Shorthorn Sale
T. A. Ballantyne, Herington, Kan., is dispersing the well known Abbottsford herd of Shorthorns which has been one of the well known Shorthorn herds in Kansas for over 30 years. For years it was D. Ballantyne & Sons and a few years ago the father retired from the business and since that time it has been owned by "Tom" Ballantyne, who has kept it up to its former high standard. Now for the best of business reasons it is to be dispersed. There will be over 40 lots and every animal the kind that will strengthen most any herd. The sale will be advertised in the Mail and Breeze soon and will be held at Herington, Kan.—Advertisement.

Shawnee County Duroc Breeders' Sale
May 4 has been selected as the date for the Shawnee County Duroc Jersey Breeders' association sale which will be held at the fair grounds, Topeka, Kan. Forty head have been hand picked for this sale. About five will be bred sows and the rest will be open gilts and boars of last fall farrow. About 10 Shawnee county herds will be represented and it is going to be a good offering. O. H. Doerschlag, Topeka, Kan., is sale manager and you can write him for the sale catalog any time. It is going to be a good place to buy a boar or some gilts if you want something good at a fair price. The sale will be advertised in the Mail and Breeze.—Advertisement.

J. J. Hartman & Son Poland China Sale
J. J. Hartman & Son, Elmo, Kan., will sell 40 Poland China boars and gilts of last September and October farrow in what is to be his annual spring sale at the farm 14 miles south of Abilene, next Wednesday, April 12. There are 20 picked boars and 20 picked gilts. All are immunized and of strictly big type. There is nothing better in blood lines and you will get pedigrees promptly with each boar or gilt. They are the same breeding as the boars and gilts that sold in his last fall sale at the Agricultural college for such a good average. Come to Abilene and stop at the National hotel and they will tell you about the free livery to the farm and return.—Advertisement.

Col. George Berry
Several of the best known livestock auctioneers came into prominence over the fieldman route and George Berry's announcement that after over 15 years successful handling of livestock advertising on leading farm papers he is going to devote all of his time to livestock auctioneering looks like a winner. But few fieldmen have had a more extensive acquaintance among the breeders

of Kansas, Nebraska, Missouri and Oklahoma than George Berry. His thorough knowledge of livestock made him a welcome visitor at every farm where purebred stock was handled. Kansas breeders in particular will be glad to learn that Mr. Berry is to continue in the livestock game. He will continue to live in Topeka, Kan.—Advertisement.

Dan O. Cain, Auctioneer

Dan O. Cain, Beattie, Kan., Marshall county, is a young livestock auctioneer that backs up his argument for purebred livestock by breeding purebred Shorthorns and big type Poland Chinas and Spotted Poland Chinas and this winter he was a good buyer in the Miller & Manning Spotted Poland China sale and a number of others. One of the other things he did this winter to help along with the purebred livestock business was the organization of a Capper pig club for Marshall county with 10 members. He is a real livestock booster and has the promise of Miller & Manning that they will sell a draft of Spotted Poland Chinas at Marysville this fall. All he asks is an opportunity to prove his ability to make good on your next sale. Write him about helping on your next sale.—Advertisement.

Atchison County Shorthorn Breeders' Sale
Atchison county Shorthorn breeders are selling in their first combination sale 41 cattle, 22 cows, either with calves at foot or that will have calves soon after the sale. There will be 11 open heifers and eight bulls. It is a sale made up of selections from the good herds of Atchison county. August Sholz, Huron, and Harry Gistad, Lancaster, are the sale managers. The sale will be held at the K. G. Gistad farm one mile north of Lancaster. K. G. Gistad will be remembered as the Shorthorn breeder that had the grand champion car load of steers at the American Royal in 1913. Last year he had the champion car of steers and they sold for \$11.25. The breeders in the vicinity of Lancaster are the principal consignors to the sale and it is to be a yearly event. The sale will be advertised in the Mail and Breeze soon.—Advertisement.

W. H. Graner's Shorthorn Sale

W. H. Graner, Atchison, Kan., and well known as a breeder of Shorthorn cattle at Lancaster, Kan., which is only about 10 miles from Atchison, will sell his annual sale of surplus Shorthorns from his Atchison county farms at an auction sale at the farm one mile north of Lancaster, Friday, April 21. The offering will be made up largely of young heifers and young bulls and they will be sold in their every day dress just as they came from the farms. They will prove a useful lot of cattle and you are buying from a Shorthorn breeder who was raised in Atchison county and whose word is as good as his bond and you are sure of a square deal. This is the 22nd sale Mr. Graner has held in Atchison county. It is the day following the Northeast Kansas Shorthorn Breeders' association sale at Hiawatha and you can come from Hiawatha that evening direct to Atchison. Write for catalog and any information you want about the sale. Address W. H. Graner, Lancaster, Kan.—Advertisement.

Northern Kansas Hereford Breeders' Sale
One of the very oldest purebred stock breeders associations is the northern Kansas Hereford Breeders' association. It was first known as the Marshall County Hereford Breeders' association and for years that section of the state was looked upon as the Herefordshire of Kansas at least. Later the organization was reorganized and took in all of northern Kansas. For years the association has held spring and fall association sales. This spring they are holding in the association sale pavilion at Blue Rapids an association calf sale. In this sale 54 calves will be sold, nothing over 16 months old, and they are selections from 14 herds of this association. Some of the best bulls in the west and wonderful breeding cows are to be found in this list of 14 herds from which these calves have been selected. Col. Jesse Howell, the association sale manager, has put in most of the winter getting consignments for this sale that will prove a credit to the herd represented and to the association. You are invited to write for the sale catalog which is all ready to mail as soon as you write for it. Address Col. J. A. Howell, Marietta, Kan.—Advertisement.

Northwest Kansas Shorthorn Breeders' Sale
The Northwest Kansas Shorthorn Breeders' association sale at Concordia, Kan., May 10, is the annual spring sale and the annual meeting as well. A banquet is being arranged for and speakers are being invited who are sure to be entertaining. The banquet is the evening before the sale and the annual meeting will be held at 10 o'clock the morning of the sale. R. B. Donham, the secretary-treasurer of the association, says every friend of the association should see to it that every breeder of Shorthorns in northwest Kansas who is not already a member should join on this occasion. The membership fee is two dollars for one year. The business men of Concordia are going to do their best to make this annual meeting and banquet the best ever. You are invited if you are interested in Shorthorns. It will be very likely the best offering ever made by the association at Concordia. You can ask for the catalog now. E. A. Cory, sale manager, Concordia, Kan., will be pleased to send it to you. The advertising for the sale will start in the Mail and Breeze shortly. See that your neighbor breeder becomes a member at this meeting. It's May 10 at Concordia, Kan.—Advertisement.

Northeast Kansas Shorthorn Sale
The Northeast Kansas Shorthorn Breeders' association annual sale at Hiawatha

BRINGS BUYERS AND INQUIRIES

We had a fair sale. The top sows did not sell at their real value but suppose that conditions were against us. The Mail & Breeze certainly brings buyers and inquiries as I asked several strangers where they saw the ad. and it was always in Mail & Breeze. Wishing you all kinds of success, I remain, Glenn Kescher, Washington, Kan., Breeder of Duroc Hogs. Jan. 23, 1922.

Northeast Kansas Shorthorn Breeders' Ass'n Sale

The 1922 spring sale offering of this association will justify every claim made for it.

32 Head Cataloged 32

Scotch and Scotch Tops.

16 Females; 16 Bulls

In the Scott & Dickinson sale barn,

Hiawatha, Kan., April 20

The females are a high class lot all of good ages. All of breeding age have calves at foot or are bred to calve soon to high class Scotch herd bulls. The bulls are of serviceable ages and some excellent herd bull material is to be found among them.

These well known breeders are the consignors:

- John McCoy & Son, Sabetha
- Davis Bros, Falls City, Nebr.
- T. J. Sands & Sons, Robinson
- N. B. Hansen, Willis
- J. F. Lukert & Son, Robinson
- M. C. Vansell & Son, Muscotah
- Harry Jones, Hiawatha.

For the sale catalog, address

D. L. DAWDY,
Sale Manager
Arrington, Kansas

Auctioneers:

Jas. T. McCulloch,
Scott & Dickinson.

J. W. Johnson, Fieldman,
Mail & Breeze

Announcing W. H. Graner's Annual Shorthorn Sale

at the farm one mile north of Lancaster, Kan., April 21

This is my 22nd sale in Atchison county and three sales of surplus Shorthorns from my farms will be held each spring. A good place to buy calf clubs as most of the offering is nice young heifers. A nice lot of young bulls, some of them good enough for service. For the catalog address

W. H. Graner, Lancaster, Kan.

Jas. T. McCulloch, Auctioneer.

Thrifty Registered Yearling Shorthorn Heifers for sale, reds and roans, sired by Secret King 505254, pure Scotch 2240 lb. bull. They will make large cows. \$55 each.

W. H. BECKER & SON, MERIDEN, KAN.

Kan. will be held in the Scott & Dickinson sale pavilion at that place, Thursday, April 20. The last fall sale was passed up with the idea of holding a good spring sale this spring. Each year the sale manager, D. L. Dawdy asks for better cattle than was furnished by the consignors the sale before and there have been made no exceptions in this sale. The offering is not a large one (32 head) but it is a good one. There are 16 bulls and among them will be found outstanding good herd bull material and every one is a good individual and of real breeding. The females are all desirable and of good ages. All of breeding age have calves at foot or will soon have calves. Some of the best known breeders in the West are members of this association and are consignors to this sale and will continue to be. It is a matter of getting buyers acquainted with the herds of northeast Kansas and in these association sales will be found splendid opportunities to buy real foundation cattle. If you are interested write D. L. Dawdy, sale manager, Arrington, Kan., and send him any other breeders' names that want to buy.—Advertisement.

Dr. L. E. Shay's Holstein Sale

Dr. L. E. Shay's purebred Holstein Dispersion at Atchison, Kan., next Saturday, April 15, is sure to be full of bargains. The decision to close the herd out was only arrived at a few weeks ago when he rented his farm. The cattle are in the very best breeding and dairy condition, but nothing will be fitted for the sale. They will sell just as they have been kept on Doctor Shay's farm. In good healthy condition. The fact that the herd is federal accredited is a big item and shows the careful and painstaking attention the herd has received in all of the essential matters. One of the big opportunities to buy a real herd bull is right here in this sale. King Aaggie Pontiac Oak, a big bull weighing now over a ton and a splendid individual and bred right up to the minute and sold fully guaranteed to be a sure breeder and already with a reputation as a breeder will be sold in this sale regardless of what he brings. Doctor Shay says he is going to sell just for what he brings. Of course he has hopes that some breeder will be on hand to buy him at a fair price. The sale is full of good things and they are going to be real bargains in this sale and don't fail to be there. It is your big opportunity to get the best of breeding and individual merit at your own price. There will be six high grade cows in milk sold that are as good as can be found anywhere. They were retained because they were good and now you can buy them, nearly all just fresh a short time. The sale is next Saturday in the sale barn in Atchison. Inquire at Doctor Shay's office.—Advertisement.

BY J. T. HUNTER

E. E. Frizell & Sons of Frizell, Kan., are advertising twelve coming two-year-old Red Polled bulls for sale. Anyone wanting a good Red Polled bull should write them for prices and breeding. They are pricing these bulls to sell quick.—Advertisement.

The Deming Ranch, Oswego, Kan., is advertising Poland China sows bred to Latchnite for April farrow. They are also offering a fine lot of September, October and November pigs. Some of the October and November litters are by Latchnite. Look up their advertisement in this issue and if on the market for Poland Chinas write them.—Advertisement.

H. W. Estes Shorthorn Sale

H. W. Estes, Sitka, Kan., will sell 55 Scotch and Scotch topped Shorthorns at his farm Thursday, April 27. Sitka is in Comanche county. This offering comes from a herd that Mr. Estes has been building for more than 11 years and is now one of the best in the Southwest. Nearly every animal in the sale has been produced on Mr. Estes' farm. There will be 20 bulls and 35 cows and heifers. Fifteen cows and heifers will have calves at side and 15 others will be in calf. A number of the females come from milking strains and are themselves extra good milkers. Some of the bulls are straight Scotch and will make excellent buys for parties wanting herd headers. Victoria's Dale by Baron Avondale out of Victoria's Choice 4th has headed the herd for some time but sells now because too many females are related to him. This bull stood second in class at 1920 Kansas National. Most of the offering has been bred to or sired by Victoria's Dale, Butterfly Royalist, Henry Goods, White Goods Model and Baron Pride. Cattle business is now sufficiently advanced on an upswing to justify starting new herds or increasing those now established. These purebred Shorthorns offered by Mr. Estes should be given careful consideration by parties wanting some good Shorthorns. Read the display advertisement in this issue of Kansas Farmer and Mail and Breeze. Write today for a catalog. Please mention this paper. Send mail bids to J. T. Hunter.—Advertisement.

Last Auction Sale of Durocs

Homer Rule and Harold Woodlief of Ottawa, Kan., will sell 58 registered immuned Durocs at Ottawa sale pavilion Saturday, April 22. Great Wonder's Pathfinder by Great Wonder was for some time the senior herd sire of the Rule & Woodlief herd. At his passing or a little before that time a new sire was put at the head, Wonder Sensation by Major Sensation, 1919 world's junior champion, that gave his sire, Great Orion Sensation, strong competition for grand championship. It might be stated that this Rule & Woodlief herd is one of the very few sons of Major Sensation in Kansas. The junior sire is a son of Uneeda Orion Sensation, 1921 Nebraska grand champion and 1921 world's junior champion. The offering comprises eight bred spring gilts, most of which are sired by or bred to the first two mentioned boars. A few are bred to the last named boars. Thirty fall gilts and 20 fall boars also sell. They are September farrow and practically same breeding as bred gilts. Read the display advertisement in this issue of the Kansas Farmer and Mail and Breeze for information concerning special attractions in the offering. It should be noted that this offering will have in it Durocs that are strongly line bred Sensations, strongly line bred Pathfinders, and crosses between these two most popular families. The number of Kansas hogs is still below normal. Increment weather at February and early March farrowing time proved disastrous to the spring pig crop. Purebred hog breeders aren't anxious to sell their females. Rule & Woodlief sale is the last opportunity of the season to buy bred gilts at auction. Write for catalog. Please mention Kansas Farmer and Mail and Breeze. If unable to attend send mail bids to J. T. Hunter in care of Rule & Woodlief, Ottawa, Kan.—Advertisement.

H. W. Estes Scotch and Scotch Topped Shorthorn Sale

Sitka, Comanche Co., Kan., Thursday, April 27

55 head; 20 bulls—35 cows and heifers

Nearly every Shorthorn in this offering has been produced on the Estes farm where he has been raising purebred Shorthorns for the past eleven years. There will be some straight Scotch Shorthorns, including a number of extra good bulls for herd headers. This offering includes 15 bred cows and heifers and 15 cows and heifers with calves at side. A number of the females are from milking strains and are good milkers. Most of the offering is bred to or sired by Victoria's Dale, Butterfly Royalist, Henry Goods, White Goods Model, and Baron Pride. The 2200 pound herd sire, Victoria's Dale sells because he is now too closely related to the females in the herd to justify retaining him longer. Victoria's Dale by Baron Avondale out of Victoria's Choice 4th stood 2nd as junior yearling at 1920 Kansas National. 8 months time. Sale under cover at farm. Write for catalog. Please mention Kansas Farmer and Mail & Breeze. Send mail bids to J. T. Hunter

H. W. Estes, Sitka, Comanche Co., Kan.

Boyd Newcom, B. U. Towner, Auctioneers. J. T. Hunter, Fieldman.

SHORTHORN CATTLE.

Five Roan Shorthorn Bulls

Real herd bull material. Ages from 12 to 18 months. Priced to sell. Address, E. A. CORY & SONS, TALMO, KANSAS (Republic county)

A Scotch Shorthorn Bull

For sale, calved March 21, 1920, sired by Silver Dale 3rd, he by Master of the Dales by Avondale. His dam was Spemore Emma 14th of the Emma family. A real herd bull. Copy of pedigree furnished on request. ROBERT TURNER, ANTHONY, KANSAS

A Real Herd Bull Prospect

Roan, sired by Gloster Cumberland 39937 by Cumberland's Best by Cumberland's Last, dam by Dale's Challenger by Double Dale. Other good ones too. Four 2-year-old heifers of milking strains. Priced right. L. E. Wooderson, Route 6, Caldwell, Kansas

Shorthorn Bulls

Reds, whites and roans. Scotch and Scotch topped. Write your needs and come and see us. C. W. TAYLOR, ABILENE, KANSAS Dickinson County

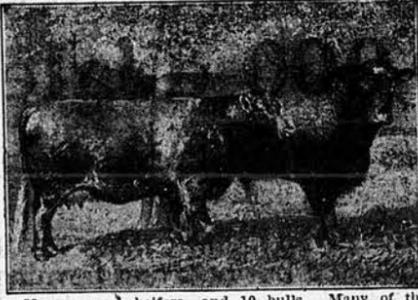
Red, Shorthorn Scotch Bull

For sale, 15 months old, an extra fine animal. Will sell at a bargain. T. J. BLAKE, WHITING, KAN.

FOR SALE—REG. SHORTHORN BULLS 12 months old, good, rugged, heavy boned fellows, ready for spring service, red, white and roan. Fred Hothan, Scranton, Kansas

POLLED SHORTHORNS.

BANBURY & SONS' AUCTION SALE



30 cows and heifers, and 10 bulls. Many of the choice ones in our herd. Sale May 2, 1922. See next week's issue. J. C. BANBURY & SONS, PRATT, KANSAS

Polled Shorthorn Herd Bull

Sunny Cup by Sunny Sultan. Also 11 months old bull sired by him for sale. E. J. RICHARDS, BELLEVILLE, KANSAS

One Polled Shorthorn Bull For Sale

10 mo. old. Some Duroc gilts bred, also some weanling pigs. Pedigrees furnished. Robt. Dowlin, Barnard, Kan.

POLLED SHORTHORNS

Both bulls and females for sale at prices according to times. C. M. HOWARD & SONS, HAMMOND, KAN.

GLENROSE LAD 506412 the best dairy Shorthorn bull in the west. We can't use him longer. For description and price address R. M. Anderson, Beloit, Kansas.

ANGUS CATTLE

GROWTHY ANGUS BULLS

one and two years old for sale. Sired by Farmer City Best 187778. These belong to the Pride and Trojan Erica families. Priced in accordance with present business conditions. Write your wants and see the cattle. W. L. MADDOX, HAZELTON, KANSAS

ANGUS BULLS

18 from 12 to 18 months old. 12 that are from six to 10 months old. Real herd headers. J. D. MARTIN & SONS, Lawrence, Kan.

BERKSHIRE HOGS

Private Sale Purebred Berkshire Swine Bred gilts, 6 yearling boars, 40 weaned pigs. Also Holstein-Friesian young cows, second calves by side, and springers to calf soon. UNIVERSITY BERKSHIRE FARM, John D. Wynn, Owner, R. 4, Lawrence, Kan.

HEREFORD CATTLE

Northern Kansas Hereford Breeders' Ass'n Sale

The promised Hereford calf sale is here.

54 Calf Selections

Nothing over 16 months old in this quality calf sale. In the association sale pavilion,

Blue Rapids, Kan., April 25

Buy young cattle and get ready for good times. These well known members are the consignors: Geo. Miller, Blue Rapids Henry Sedlacek, Marysville Frank Sedlacek, Marysville Ray and Warden Dudley, Glen Elder

- Frank Boyer, Oketo
- M. A. Pecenka, Bremen
- Tom O'Shea, Blaine
- C. G. Steele, Barnes
- U. S. Gypsum Co., Blue Rapids
- J. H. Miller, Woodston
- Sedlacek Bros., Bremen
- Beckett & Warren, Hiawatha
- C. W. Kolterman, Onaga
- E. G. Hemmerling, Woodston.

For catalogs which are now ready, address

Col. J. A. Howell, Sale Mgr., Marietta, Kan.

Auctioneers: Jas. T. McCulloch, and others. J. W. Johnson, Fieldman, Kansas Farmer and Mail & Breeze.

Western Kansas Bulls

100 Hereford bulls, yearlings and two years old. 50 Shorthorn bulls, same ages. Part of them at Fort Collins, Colo., and the rest at the home ranch Hays, Kan. Write at once for descriptions and prices. C. G. COCHRAN & SONS, HAYS, KAN.

Hereford Bulls

Six to twenty months old, excellent condition. Priced \$75 to \$100 per head.

FRED O. PETERSON, Route 5, Lawrence, Kan.

GUERNSEY CATTLE

Guernsey Baby Bull Calves

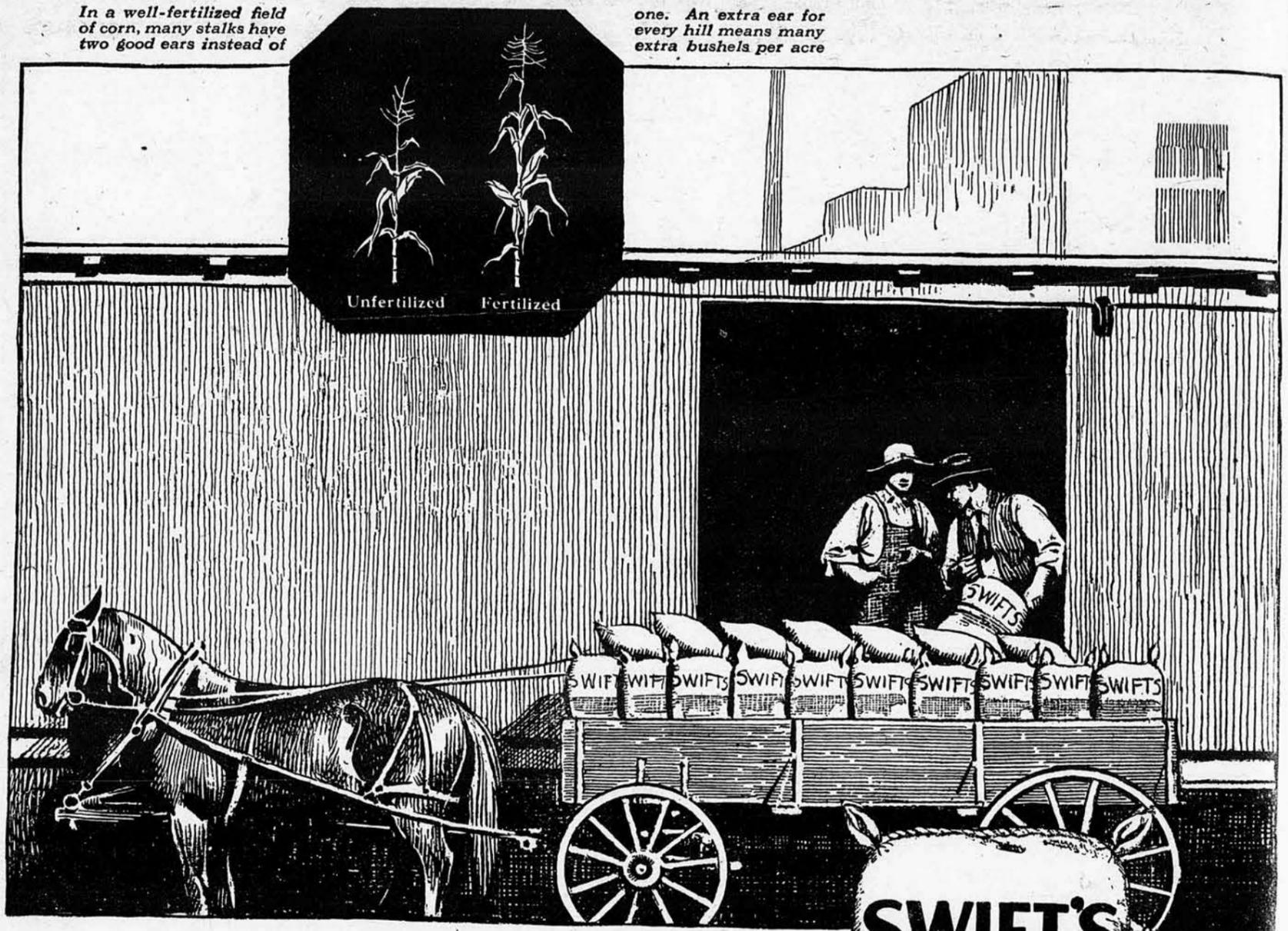
High grade, Edgewood Farms, Tonganoxie, Kansas.

GUERNSEYS—CHOICE BULLS For sale. Herd under federal supervision. George M. Newlin, Hutchinson, Kansas.

REGISTERED GUERNSEY BULLS for sale. Prices reasonable. Oak Hill Guernsey Farm, LaCygne, Kansas

In a well-fertilized field of corn, many stalks have two good ears instead of

one. An extra ear for every hill means many extra bushels per acre



A product endorsed by over 10,000 dealers

MORE than 10,000 dealers endorse and recommend Swift's Red Steer Fertilizers.

Their recommendations are not given lightly. They are substantial, successful men who have conducted business and farming profitably—and they are willing to put their reputations behind Swift's Red Steer Fertilizers because they know it is a good product.

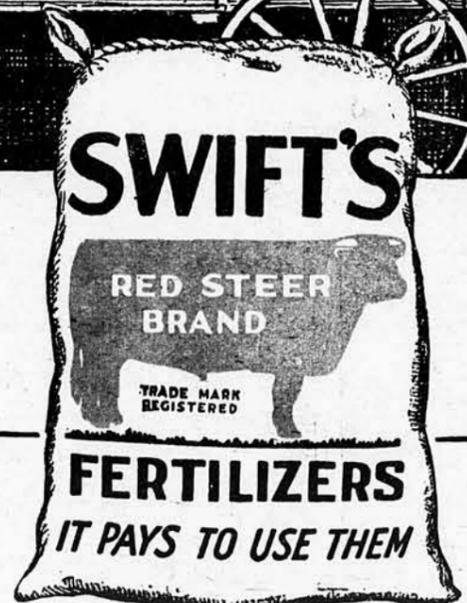
They know that for over fifty years Swift & Company has steadily maintained a reputation for making each product the best of its kind. They know that every bag of Swift's Red Steer Fertilizer is backed by all of the resources—trained chemists, agricultural experts, manufacturing equipment, abundance of raw materials—of a great manufacturing organization.

They know that when they sell Swift's Red Steer Fertilizers they are giving their customers the best fertilizer value that money can buy.

Use Swift's Red Steer Fertilizers liberally this year. Get acquainted with the Swift dealer in your town—let him supply all of your fertilizer requirements. If there is no dealer in your community write our nearest Sales Division.

Swift & Company
Fertilizer Works, Dept. 94
National Stock Yards, Ill.

Dealers who are now selling or could sell fertilizers should write for our proposition. Your territory may be open



Give fertilizer credit for all it does

Do you know the effect Swift's Red Steer Fertilizers have on quality?

That a bushel of fertilized corn or a ton of fertilized hay may have considerably more feeding value than a bushel of unfertilized corn or a ton of unfertilized hay? That an acre of fertilized pasture will furnish food for one animal, where it formerly took two or more acres?

The best seed is made where fertilizer is used. The farmer must have good seed to grow good crops, and a crop that is suitable for seed always brings more than the average crop.

The difference in quality between fertilized and unfertilized crops often more than pays the entire cost of the fertilizer, leaving the extra yield as clear profit.

" I T P A Y S T O U S E T H E M "