

December 9, 1916

The FARMERS MAIL AND BREEZE



Vol. 46. No. 50

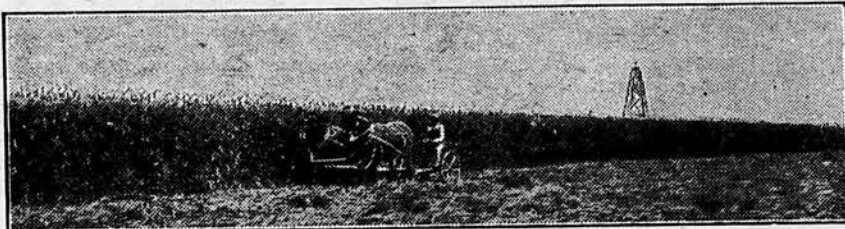
Better Farming for Kansas

By F. B. NICHOLS, Associate Editor

HIGH PRICES for farm products are creating new and complex problems in Kansas agriculture. The business is becoming more highly organized every day. This has produced a great opportunity, and also the requirement of more efficiency. The specter of the high cost of living, which now is the constant companion of the people of the cities, is the symbol of the opportunity in farming.

These opportunities, however, are only for the men and women who are trained, who study their problems and try to keep up with the times. With the increased prices for food have come higher prices for land and equipment. The joy which the high prices for stock have brought to the livestock farmers has been tempered by the fact that high prices for feed also have arrived. With the low prices which formerly prevailed for both feed and stock it frequently was possible to make a profit in feeding even with a considerable proportion of waste. This is not possible today; the lowest production costs must be obtained if one is to escape the financial rocks. This is true in every department of farm work.

A big waste has been the rule in Kansas farming. On many places it has been absolutely criminal. A large acreage of corn has been planted, and in the fall the ears have been gathered and the stalks left in the field—representing a 33 per cent loss. Wheat has been harvested and threshed, frequently in a very indifferent way, and then the straw has been sent up in smoke. Millions of acres of hay are cut and stacked every year and then fed with a big waste, in absolute defiance of the fact that a hay shed will return a larger profit than perhaps any other investment one can make on a farm. We have lost an average of many thousands of acres from poor drainage and flooding in Kansas every year that easily could have been saved. For example on the Marais des Cygnes River in Kansas in 1915 there were 70 days of floods; in Bates county, Missouri, where a drainage district had provided a good channel, there were four days. The farmers in Bates county had good crops; those in Kansas on the lower land had almost none. This is a fine example showing that efficiency and organization pay. Such examples could be increased without number. They are admitted generally, however. Farming is the only business in the world that would have stood the wastes which have been a feature of the business in the last 20 years. Henry Jackson Waters, president of the Kansas State Agricultural college, in discussing waste in relation to crop



yields and soil fertility said only recently: "We sell too much in bulk at a low price and buy back the material by the bolt or carton at a high price. Our exports supply the raw material for the support of manufacturing industries, and by our imports we provide the people of Great Britain, Germany, Switzerland, Italy and Japan with the best market in the world for the products which they manufacture out of our raw material."

"In a normal year we sell in Europe more than 800,000 tons of cottonseed meal and oil cake for which we get about 25 million dollars. The plant food contained in this material is worth 23 million dollars. Thus, instead of getting 25 million dollars we have actually got about 2 million dollars, or instead of getting \$30 a ton as we supposed we were actually getting about \$2 a ton."

"This country sells Denmark 16 million dollars' worth of material and buys from Denmark 2 or 3 million dollars' worth of goods. On the face of the returns, this is fine business for us and poor business for Denmark. But when we realize that more than half our sales to Denmark are of raw materials, principally oil cake, which is a valuable feed for the cows and pigs of Denmark, and which carries away a part of our permanent capital—the fertility of our soil—it is clear that it is a good business for Denmark and poor business for us. Denmark changes this oil cake and coarse feeds from the farms into butter and cheese, eggs and bacon, and sells these materials at a high price, thus sustaining a profitable livestock industry and fattening the soils at the same time. This is splendid business for

Denmark. Under this system the acre yield in Denmark has increased 50 per cent within the last 25 years and under a similar trade relation between this country and Germany, that country has brought its acre yield of wheat from 17 bushels in 1874 to 31 bushels in 1909. It is well to remember that no country has built up its worn

soils except at the expense of the soils or mines of some other country. With our vast stores of plant food in our prairie soils and with the American's skill in using power machinery for mining this fertility, we have been the chief contributor to the increased productivity of Europe's acres. No state has been more generous with plant food than Kansas."

Men interested in farming in Kansas need to study with care the experience of the farmers in the older settled portions of this country and of Europe. There is a need for a consideration of the systems other men have found to be valuable. When these lessons are studied in the light of modern conditions and prices, a few very obvious needs in conservation are seen. They relate to a practice of more old-fashioned economy in production.

The need for conservation with materials is especially evident. Farm machinery for example has gone sky high in price, and further advances are probable. In view of this fact, the greatest need is present for care in the use of the implements already on farms, so they may be available for the greatest possible time. Larger returns must be obtained from all work animals. The business on many farms needs to be organized so the number of horses can be reduced. The keeping of the minimum number of horses which have the greatest utility value should be the rule.

Big prices have made our defective systems of soil management all the more glaring. The average yields of all the grain crops in Kansas have been disgracefully low for many years; on some farms they have been below the cost of production. Despite all this there are good farmers in almost every community who have gone ahead year after year obtaining high yields, well above the average for the community. The success of these leading men has shown that a system of management founded on a good rotation and on livestock is the best plan. It is time that this lesson was being taken more to heart.

But the crops that have been grown would have been fairly profitable if they had been cared for in the best way. Instead they have been wasted from the start of the harvesting. We must have more silos



(Continued on Page 7.)

DEPARTMENT EDITORS
Field Editor.....F. B. Nichols
Farm Doings.....Harley Hatch
Poultry.....G. D. McClaskey

Entered as second-class matter Feb. 16, 1906, at the postoffice at Topeka, Kansas, under act of Congress of March 3, 1879.

SPECIAL TO ADVERTISERS.
Changes in advertisements or orders to discontinue advertisements must reach us not later than Saturday morning, one week in advance of the date of publication. We begin to make up the paper on Saturday. An ad cannot be stopped or changed after it is inserted in a page and the page has been electrotyped. New advertisements can be accepted any time Monday. The earlier orders and advertising copy are in our hands the better service we can give the advertiser.

The Farmers Mail and Breeze

Member Agricultural Publishers' Association. Member Audit Bureau of Circulation.

Published Weekly at Eighth and Jackson Streets, Topeka, Kansas

ARTHUR CAPPER, Publisher. T. A. McNEAL, Editor.
CHARLES DILLON, Managing Editor. F. B. NICHOLS, Associate Editor.

SUBSCRIPTION RATES, - - - - - One Year, One Dollar

ADVERTISING RATES.
50 cents an agate line. 100,000 circulation guaranteed.

DEPARTMENT EDITORS
Women's Pages.....Mary Catherine Williams
Children's Pages.....Stella Gertrude Nash
Dairying.....V. V. Betwiler

No liquor nor medical advertising accepted. By medical advertising is understood the offer of medicine for internal human use.

ADVERTISEMENTS GUARANTEED
WE GUARANTEE that every advertiser in this issue is reliable. Should any advertiser herein deal dishonestly with any subscriber, we will make good the amount of your loss, provided such transaction occurs within one month from date of this issue, that it is reported to us promptly, and that we find the facts to be as stated. It is a condition of this contract that in writing to advertisers you state: "I saw your advertisement in the Farmers Mail and Breeze."

Passing Comment--By T. A. McNeal

Peace Talk

It is said that the British government resents the talk that has been going on for some time, that at the instance of the United States, an armistice might be arranged between the warring powers to talk things over, and see if some satisfactory basis of peace might not be agreed upon. The reason given for this objection on the part of the British government is that to grant an armistice now would give Germany all the best of it in the probable terms of settlement. Germany at present holds a great deal of allied territory while outside of the German colonies the allies hold very little German or Austrian territory. The contention of the members of the British government is that German militarism must be crushed before they are ready to talk terms of peace.

To me such a position as that seems rather unreasonable. There is no indication that the German military power can be crushed by the allies and it must be said that the prospect for doing that is less bright now than at almost any other period of the war. For the first two years of the war the excuse of the allies, especially Great Britain, was that they were not ready. When at last the great drive at Ypres was started the announcement was made that at last, after two years of preparation, they were ready. It was announced also that finally Russia had ample guns and munitions to supply its armies. For a little while it looked as if the allies had decidedly the better of it, but it looks that way no longer. There is a growing impression that they have strained their resources to the utmost, and that they are now doing all they will be able to do. Russia's drive has ceased to be effective. That nation is still short of munitions, but without the opening up of the Dardanelles it will be impossible to supply its needs. The only way munitions can get to Russia from the outside is thru its Northern ports now closed for the winter, and over the long Trans-Siberian railway. It is utterly impossible over this long single track to supply the immense needs of the army. Russia therefore can do no more, at least before next spring.

France has done wonders, but there is every reason to believe that it is doing its very best right now. Italy seems to be getting nowhere with its advance. The battle along the Western border, while the French and British are forcing the Germans out of some of their trenches, is not coming any nearer to a decision. The central powers have more complete control of the Balkans than ever.

If, then, there is any prospect of the allies crushing the German military power it is not evident now. An armistice does not mean peace necessarily. It is a breathing spell, a rest for the purpose of seeing whether arrangements can be made to stop the fighting permanently.

Now, while Germany at present has the best of the fighting there is every reason to believe that the German government is not feeling entirely happy over the situation. The German leaders realize that while they are not defeated and while they may and do claim the advantage, the allies are not whipped. They know that notwithstanding their terrific losses the allied nations are vastly better prepared to fight now than they were at the beginning of the war or for that matter at any previous time. If the allies have suffered terribly so have Germany and Austria suffered enormously. It certainly looks now as if the central powers cannot be whipped, but neither are they in position to demand any unreasonable terms. Then why prolong the slaughter until both sides are totally exhausted? Why waste credit at the rate of more than 100 million dollars a day, and human lives at the rate of more than a quarter of a million a month? Better get together and talk it over. This war has settled nothing except the fact that wars are the most wicked and futile things that ever cursed the world.

It is objected that if an armistice is declared now German militarism will be more powerful than ever. I do not believe so. Unless Germany would agree to a reduction of its military establishment the armistice could be brought to an end. That should be the first thing to be settled. The neutral nations should have a hand in the terms of settlement and they should insist on a mutual agreement that all the nations engaged should disarm or at least reduce their military establishments to the basis of mere internal police necessities. Without general disarmament there can be no permanent peace. It is idle

to talk of world peace with all the leading nations armed to the teeth.

With that condition prevailing another and a more terrible war even than this has been is as certain to follow sooner or later as that the world revolves on its axis. And in this the United States is vitally interested. If the infamous doctrine prevails that peace is to be preserved by armed force and that a nation's only hope of safety lies in being at all times prepared to war with any or all other nations then this country of ours will also become a military nation. We also will follow in the lead of the European nations and tread the road which leads to the hell of war.

The Farm Loan Board

The Federal Farm Loan Board announces that the blank form of articles of association to be used in forming National Farm Loan Associations has been printed and is now ready for distribution. If interested persons will address a letter to the Federal Farm Loan Board, Treasury Department, Washington, D. C., these articles of association will be sent. When they reach you, call a meeting of the prospective members of your association, adopt these articles, and have each member sign them and acknowledge them. Fill in the blank space at the top the name your association adopts.

Then, at your first meeting, elect a board of five or more directors and have the directors meet and elect a president, a vice president, a secretary-treasurer, and a loan committee of three members. The loan committee may begin at once to value the lands of the members and prepare its written report of these valuations, which must be unanimous.

Do not send the signed articles of association to Washington, but hold them until the land bank of your district is located. Then, write to the bank asking for forms which include an application for a charter. When these come, fill them out and send them with the articles of association and the report of the loan committee, to your land bank.

A Hard Luck Story

A subscriber from Caldwell sends me this hard luck story: "A man 70 years old and a cripple for life is asking for help from the citizens of Caldwell. Eight years ago he and his family in company with 36 other families settled in Thomas county, Kansas, 16 miles northwest of Colby. The first year with the settlers, according to the story of this old man, was prosperous. They raised a bumper wheat crop and with the proceeds bought machinery and seeded the ground year after year, but raised nothing but Russian thistles. The rest of the colony grew discouraged and left the country. This lone old man decided that he would stay. He says that he had \$9,000 when he arrived in Thomas county. He acquired 640 acres and built a house costing \$3,000 and a barn costing \$2,700. He fenced his land and bought 77 calves and 20 horses.

"For seven years he raised no crops. Four years ago the horse plague hit him hard. He lost 22 head of horses in a few days. These misfortunes left him without a dollar, he declares and with a wife and seven children, the oldest a girl 13 years old. A year ago he went to Des Moines to trim trees. Misfortune still pursued him and while trimming a tree he was struck by a falling limb, which knocked him out of the tree and caused him to fall 30 feet to the ground. As a result of this fall three ribs were broken, and he suffered a fracture of the back. He was in a hospital for more than a year, and is now begging for aid for his family. Now this story may all be true, and certainly if it is the unfortunate man and his family are entitled to sympathy and financial assistance, but somehow the story sounds bogus.

In the first place it seems rather improbable that a man of 70 years should be burdened with a family of seven small children, altho that is not impossible. In the second place while the people of Thomas county have in the past suffered many hardships and crop failures I know that as a whole they are now prosperous. It hardly seems probable therefore that it is necessary for this unfortunate old man, if his story is true, to go 300 miles to ask for help. Thomas county is able to take care of its own people who are really in need of charity, and if there were such a flagrant case of continued misfortune as the old man's story makes his to be I think the generous people of Thomas county would gladly look

after him and his family and supply their actual needs. On several occasions hard luck stories somewhat similar to this have been poured into my ears, and I generally have contributed to the supposed unfortunates only to find out afterward that I had been imposed upon by smooth-tongued professional beggars who had plausible lies.

A grief stricken female came into my office recently and told me how she had settled somewhere in Western Kansas, where she had accumulated a husband and nine or more children, I do not remember the exact number, but she took care to impress upon me that there had been no race suicide in her family. A year or so previous the husband had died and left his extensive brood of infants on her hands. She told me with tears in her eyes, and also in her voice, how she had worked to support the flock until her health and means failed, and so she started on her weary way back to her people in the East. She was just trying to collect a few dollars from kind hearted people to pay her traveling expenses. She had me going to such an extent that I did not even have sense enough to ask why these friends had not sent her the necessary means to pay for her transportation. I fell for her tale of woe like an easy mark, and handed her a coin to help her on her sad and weary way. I discovered afterward that the only part of her story that was true was that she was traveling thru the country and asking for aid. She had no family of small children, but she had a male companion who said he was her husband. Of course he did not appear in public. That would have spoiled her story.

I note in the letter my reader sends me that this unfortunate old man also is trying to collect sufficient funds to pay his way and that of his family to friends in Minnesota, which fact also adds to my doubt. But here is a fault of our present system. It may be, notwithstanding the improbability of his story, that the old man is telling the truth. It may be that the fates have picked him out for their cruel sport, and buffeted him from pillar to post with the whips and clubs of misfortune.

The average person who is possessed of a kind heart does not have the time or opportunity to make an investigation of the cases that appeal to his generosity. So he gives at random on the general principle that if the person to whom he gives is a fraud, his donation will not hurt him, the giver, and on the other hand if some really worthy unfortunate should appeal to him he would hate to feel that he had refused help that was really needed.

The Impending Conflict

I do not wish to be a pessimist, but it appears to me that there is looming up in the near future a disastrous conflict between the forces of organized capital and organized labor. The Adamson law may have deferred the struggle for a few months but in the end I fear that it is likely rather to intensify it. In this conflict, as in all wars, the blame will be on both sides.

Narrow human selfishness dominates the leadership of both contending groups. Neither is willing to try to put themselves in the other fellow's place. Neither party to the controversy is willing to concede to the other any desire to be fair or honest. With both parties in that frame of mind a reasonable compromise is impossible. And suppose that the controversy should settle down to a trial by force, which it is likely to do, then the possibility of the rule of reason will have passed. Just as in other wars passion will take the place of judgment, and brutality will smother humanity. As in other wars the innocent must suffer more than the guilty. Millions who were in no way responsible for the original disagreement will be drawn into the conflict on one side or the other. The conflict will be marked by waste and suffering even if it does not reach the state of armed conflict. It may result in the loss of many lives, the shedding of much blood.

And yet there is really no need for a conflict between capital and labor. Capital is really the stored energy resulting from the application of labor to raw materials. There ought not to be any conflict between the creator and that which he has produced.

Now I have said that the leaders of both sides of this apparently impending conflict are partly at fault. The original wrong, however, started with the employing class. The employing class granted no rights to the employed until forced to do so.

When laborers had to toil for 12 hours or even

more a day and an agitation was started to reduce the working day to 10 hours the employers refused to yield to the demand until compelled to do so. When there was an effort made to reduce the working day from 10 to 9 hours the employers fought that, and when there was an effort made to reduce it to 8 hours there was found the same bitter opposition to the reduction. It is true that there were always exceptions to this general rule. There were employers who saw that it would be wise to make reasonable concessions, but they were in the minority. The employers who opposed the 10 hour laws, the 9 hour laws and the 8 hour laws also opposed the introduction of safety appliances, child labor laws and factory and tenement inspection. They believed that these things would reduce their profits, and human greed cares little for humanity or the conservation of human life.

There is no doubt that labor organizations have been, in certain cases, dictatorial, arbitrary and unreasonable. They have been often imposed upon by leaders who were grafters whose chief interest was their own enrichment and gratification of ambition for power, but it was the greed of the employing class which made the organization of labor unions necessary for the protection of the laboring class. They sowed the wind of greed and millions who had no hand in the sowing must reap the resulting conflict and disaster.

An Emperor's Death

Francis Joseph, emperor of Austria-Hungary is dead at the age of 86. He held his job as emperor longer than any other monarch in history, so far as there has been an accurate count of the years. Louis XIV was king of France theoretically for 72 years but his reign began when he was only 5 years old and for 12 or 14 years he was, of course, king only in name.

I have read a good deal about old Francis Joseph and have concluded that his reign of 68 years was just that many more than he ought to have reigned, altho at that he probably was about up to the general average of emperors and kings. Among the writers who have written about this old man, there have been a good many king worshipers who have slobbered over him and attempted to create the impression that he was a great man weighed down by sorrows. Kings and emperors are so hedged about by court etiquette and ceremonials and guarded by flatterers and flunkies that the outside citizens get a very limited and perhaps entirely erroneous idea of what they really are. So the outside world has had limited opportunities for judging the character of Francis Joseph. Possibly my own impressions from what I have read do not do him justice, for I confess to a strong prejudice against kings and emperors on general principles; but my impression right or wrong is that he was a licentious old reprobate who never did anything for the real benefit of the people he governed, and that his death is in no wise a calamity.

However, whether he died or lived would now make little difference. He had lost virtually all the power he once possessed, for Germany has taken control of the affairs of Austria. Only occasionally now does one read of an Austrian general. German generals lead the Austrian armies. If the central powers were finally to win this war Austria would be a mere dependency of the imperial government at Berlin.

By the death of Francis Joseph his nephew, Ferdinand, becomes the nominal head of the government of Austria-Hungary. Nobody seems to know much about the young man and neither does anybody particularly care. His coming to the throne will not change the course of events or have any appreciable effect on the great war.

Whatever may be the outcome of the war, Austria-Hungary will be reduced to a second or third-rate power. I should say that she can scarcely rise above a third-rate power. If the allies win Austria will be partitioned among the victors. If the central powers win Germany will control the affairs of the dual kingdom.

When Hogan Died

A man died a few weeks ago in Chicago who in my opinion was worthy of vastly more consideration and honor than the dead old man who for 68 years sat on the throne of the Hapsburgs. Ben Hogan was a prize-fighter in his young manhood. He fought many a bloody and brutal battle in the ring. But at bottom there was a lot of good in him and so he just naturally pulled away from his associates and his business as a bully bruiser and became converted.

In my opinion conversion doesn't do a man any good unless there is a lot of good in him to start with. Getting religion doesn't help the man who has no foundation of character. It may make him a sniveling hypocrite who will use his cloak of piety to fool people and take advantage of their religious sentiment, but the rascal who has got religion is a rascal still, and often a more dangerous rascal than he was before. And mark me, I think it is entirely possible for a scoundrel to get religion. Religion and goodness are not synonymous by any means.

But Ben Hogan was a good-hearted man who had been steered into wrong channels in his youth. It probably was not his fault at all, and when the final account is made up prize-fighting will not be charged against him as a fault but as a mistake,

and a most natural mistake at that for a powerful courageous young fellow reared in such environments. Conversion for Ben Hogan merely meant that his energies were turned in another direction and his viewpoint was altered. Ben did not pose as a reformed pugilist. He did not try to attract notoriety or get into the spotlight. He decided that he was going to do what good he could in the world and do it among the class with which he was familiar. So, for years he kept a home for derelicts. No man had fallen so low that he could not get shelter at Hogan's place. The old ex-prize-fighter fed the down-and-outs and talked to them in his rough but effective way about the better life they might lead and the satisfaction they might get out of it. No doubt he was imposed on thousands of times and nobody knew that better than he, but the derelicts he helped respected him, for they knew that he was honest and kind and sincere. And probably a good many of them were made better men. Certainly none of them was made worse by reason of having come under the influence of this kindly, virile old man.

At last the great city of Chicago came to know and value Ben Hogan and his work among the down-and-outs. When he died every paper in the city gave him prominent and favorable mention and thousands of the poor, the submerged part of the population turned out at the funeral to do him honor.

The emperor of Austria-Hungary sat on the throne of the Hapsburgs for nearly a century. During that long reign the people he ruled were plunged again and again into bloody and destructive wars. As he lay on his deathbed all Europe was shaken with the most terrific war of history started deliberately either with his sanction or at least without any recorded protest.

Ben Hogan ruled over no kingdom, but he died with a long record of helping men instead of hastening their destruction. He was vastly more worthy to be a king than was Francis Joseph.

The Rumanian Tragedy

I listened to a talk last night by David Starr Jordan, formerly president of Leland Stanford University. It was a description of a trip he made thru Macedonia in an automobile provided by the queen of Rumania. Doctor Jordan described conditions which, while they only confirmed impressions I had received from reading, showed why the German army is having such easy going in that unfortunate country.

When the war broke out, and up to the time that Rumania joined the allies we read a good deal about the fine army of Rumania. It was described as a well drilled, well equipped army of nearly or quite 800,000 men. Now, a well equipped army of 800,000 men is a large army. That is more men than Napoleon ever had under his command at one time. It is three times as large as the army with which he conquered Italy, Austria and Prussia, and dictated terms of peace to Russia.

If, as a matter of fact, Rumania actually had a well drilled, well equipped and well commanded army of 800,000 men or one-half that effective fighting force, Mackensen would not at this moment be sweeping on toward Bucharest apparently with almost no opposition.

The fact is, however, that Rumania had no such army. Rumania is not large, but it is a fertile country with marvelous natural resources; a soil of unusual fertility; oil fields whose capacity for production is scarcely rivaled by any other oil field in the world, and vast mineral wealth. Under just government and fair conditions the people of Rumania should be well educated, prosperous and happy. Instead of that they are ignorant and poverty stricken. The country is cursed with the worst form of landlordism. In many respects Rumania resembles Mexico before the revolution. Mexico also was a country of vast natural resources but the mass of its people were steeped in ignorance and poverty. They were exploited mercilessly by their overlords, the landholding classes, driven from their miserable homes and compelled by circumstances, if not by choice to lead lives that we consider immoral.

Of course it is impossible for a country to be strong under such conditions. The Rumanian government was permeated with graft just as it was in Mexico. The Rumanian peasantry, naturally brave enough and naturally capable enough, had nothing to do with getting into the war. They were not consulted. They were simply herded into the military camps and sent out to fight, illly equipped and badly commanded. It is easy to guess what was bound to result when that sort of army was attacked by the seasoned veterans of Germany, led by a commander like Mackensen.

Before this is read in all probability the Rumanian capital will be in the hands of the Germans, and the greater part of the country will also be in the hands of the invaders. The remarkable thing about this business seems to me to be that Rumania was permitted to come into the war in this condition. The allies should have known whether it had an effective, well equipped army. The representatives of Great Britain, France and Russia certainly knew of conditions in Rumania. They knew or should have known of the corrupt government, of the inefficiency of its military staff and the inadequate equipment of its army.

Instead of being a source of strength to the

allies Rumania has been a source of weakness. The easy triumph of Mackensen has greatly encouraged the German people and correspondingly discouraged the people in the allied countries and their friends everywhere. It means a prolongation of the war with all its increasing horrors and vast destruction. It means that Germany, apparently somewhat disheartened before the great sweep into Rumania, now begins to talk confidently again of final victory.

There is, however, one bit of consolation for the Rumanians. Their country may be and probably will be overrun. Their government may be destroyed, but the condition of the masses cannot be made worse and probably will be made better by the change of rulers.

Vindication of Democracy

This is a time when the reactionary is declaring popular rule a failure, that the only kind of government that is efficient is an autocratic government where the power is concentrated and absolute. The truth is that this war has not only demonstrated as it never was demonstrated before, the danger, the devilishness, the utter disregard of the opinions of the masses in autocratic forms of government, while the one country which has commanded the admiration of the world not only for the magnificent courage of its citizens but for their wonderful resourcefulness and efficiency is the democracy of France. The French people did not want war. They hated war and still hate it, but when it was forced upon them they rose to the occasion and showed their wonderful self poise, unsurpassed fighting ability and efficiency.

When the German armies swept thru Belgium and into France they found the French unprepared to meet them. But with calmness and wonderful heroism the French held them off until they got ready. Today the French, man for man, equal the German soldiers to say the very least, and in the opinion of those who have visited the trenches, they excel them in this. The French have the greater initiative, and that is the result of democracy. The Germans have been trained to believe that the state is everything, the citizen nothing, except what the state chooses to command him to be. This makes efficiency up to a certain point. It enables the government to concentrate its forces swiftly and strike hard in bulk. It is a detriment, however, to individual action and in this war as in other wars the individual initiative counts. In the trench warfare the small units must look out for themselves, they must act on their own judgment, and here the superior intelligence and independence of the Frenchman counts. In the matter of guns the French are acknowledged now to have guns at least equal to, if not superior, to the best the Germans can bring to the front. In the matter of conserving their forces, of doing the most execution with the smallest possible loss of life the French are superior to all the others. They have taught their allies, the British how to fight without wasting so much human material. The British soldiers are as brave as any the world has ever seen, but in the past the officers especially were reckless and foolhardy and lost their lives needlessly in many cases.

However this war ends, the Republic of France will come out of it with more glory than any other nation. Democracy, after all, is vindicated.

Lower Cost of Dying

My recent editorial favoring public crematories where the bodies of the dead may be cremated at small expense, has brought me a letter from Dr. Herman Kunze, formerly of Seattle, but now of Kansas City, Mo. I quote: "Cremation is coming into favor rapidly on the Pacific coast. There are five or six crematories in Seattle alone, while Kansas City of practically the same size, has none. In Seattle about one-fourth of the funeral notices state 'by cremation.' The leading undertaking establishments all have their crematories and 'columbariums.' In these the ashes of the departed may be kept at so much a year. At present, in most cases the ashes are interred and monuments erected, but quite frequently they are scattered on the waters of the Sound. Cremation may be had for as low as \$15. This, with the inexpensive necessities reduces the cost of dying considerably. I am told that on account of this tendency to low-priced caskets, because they are going to be burned anyway, the undertakers in Kansas City are opposing cremation.

"It may interest you personally to hear of the cost of dying in other countries. I had the misfortune while in Berlin to lose my 3-days-old baby a few years ago, and the total expense of burial was just \$3. This included a pretty little casket, a wreath, transportation on the street car and prayer at the grave by the superintendent of the cemetery."

Popular prejudice against cremation, which I presume exists to some extent, I never have been able to understand. Indeed I think the fact that cremation has not become more general than it has is not so much on account of popular prejudice as because we are prone to stick to old customs. Cremation is sanitary and should be inexpensive. But at present the profit in the undertaking business is enormous and those engaged in it naturally will hang onto their snap as long as possible.

A VALUABLE BOOK FREE

It tells of experiments in feeding live stock both ground and unground grain, alfalfa and kaffir corn—also shows how 25% can be saved—shows values of different foods—tells about balanced rations—describes

STOVER AND IDEAL FEED MILLS

To get it simply write—Send me your book LIVE STOCK AND GROUND FEED.

STOVER MFG. & ENGINE CO.

112 IDEAL AVE., FREEPORT, 'LL.

SAMSON WIND MILLS, STOVER'S GOOD ENGINE, MAGNETOS, ALFALFA AND ENSILAGE CUTTERS, WOOD SAW FRAMES, WASHING MACHINES, PUMP JACKS, HAND GRINDERS, FIRE PLACE FIXTURES AND HARDWARE SPECIALTIES

WANTED MEN

\$75. to \$200 a month!

The demand for capable automobile men exceeds the supply. Our graduates are always in demand to fill good positions as Salesmen, Demonstrators, Factory Testers, Garage Managers, Repair Men, Ignition Experts and Drivers.

\$50 COURSE FREE

Six weeks from the day you enter this great school you will be able to repair any make of automobile or drive any car on the market. All who enroll now receive \$50 course in Lighting and Tractor Engineering Free. Write today for our big Free Book and the \$50.00 Free Scholarship Certificate.

AUTOMOBILE TRAINING SCHOOL

Largest Auto School in the World

1038 Locust St., Kansas City, Mo.

9 CORDS IN 10 HOURS

RUNS EASY No Backache weighs only 46 lbs. EASILY HANDLED

SAWS DOWN TREES

BY ONE MAN with the **FOLDING SAWING MACHINE**. It saws down trees. Folds like a pocket knife. Saw any kind of timber on any kind of ground. One man can saw more timber with it than two men in any other way, and do it easier. Send for FREE illustrated catalog No. 41, showing Low Price and latest improvements. First order gets agency.

Folding Sawing Machine Co., 161 West Harrison St., Chicago, Ill.

\$15.00 Sweep Feed Grider. \$19.00 Galvanized Steel Wind Mill.

We manufacture all sizes and styles. It will pay you to investigate. Write for catalog and price list.

CURRIE WIND MILL CO.,

Seventh St., Topeka, Kansas

FREE

Wonderful Money Saving Fence Book. Over 150 styles. Gates-Steel Posts-Barbed Wire. **DIRECT FROM FACTORY-FREIGHT PAID** All heavy DOUBLE GALVANIZED WIRES. 13¢ per rod up. Get free Book and Sample to test.

THE BROWN FENCE & WIRE CO.,

Dept. 13 Cleveland, Ohio

14 3/4" ECONOMY.

Before you buy any more fence, write for facts about our 26-inch **ECONOMY HOG FENCE** at 14 3/4¢ per rod. Many other styles and prices.

Keystone Steel & Wire Co.,

5550 Industrial St. PEORIA, ILL.

FARM FENCE

14 3/4 CENTS A ROD for a 26-inch high fence; 21 1/2¢ a rod for 47-in. 81 styles Farm, Poultry and Lawn Fences. 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.

10 1/2¢ A ROD

184 Styles. YOU save money by ordering direct at wire mill prices. Shipment from Kansas, Indiana, Nebraska, Texas, Colo. or Calif. CATALOG FREE. Write today.

OTTAWA MANUFACTURING CO.,

100 King Street, Ottawa, Kansas.

STEREOSCOPE AND 25 WAR VIEWS FREE

No home is complete without a stereoscope. War pictures seen thru this wonderful instrument appear real. Instead of looking at a photograph you look at the scene exactly as it is, only it seems to be a long distance from you. The views we send you will be your choice of either 25 Franco-British views or 25 German war views.

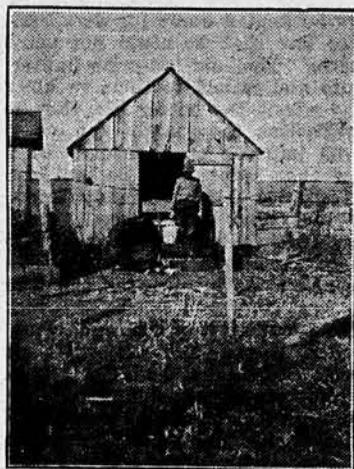
Special Free Offer Simply send us your name and address and we will mail you a detailed description of Stereoscope and a list of titles of the great War Views and we will explain fully how you can receive the complete outfit Free and postpaid.

Capper Stereoscope Club, Dept. 6, Topeka, Kansas

Pluck Will Win the Game

Capper Pig Club Boys are the Never Fail Chaps

BY JOHN F. CASE
Contest Manager



Louis Etherington, Poland Specialist.

WABAUNSEE county folks should be proud of Louis Kahle, 16 year old representative in the 1916 club. Louis, who is secretary of the O. I. C. and Chester White club, did very well with his sow and pigs but the corn crop was almost a failure. He was eager to line up for next year but where was the feed to come from? I held a place for Louis while he hustled around and this is what happened: "Count me in for 1917," wrote Louis "for I've found a place where I can work gathering corn. I'll earn money to pay for feed to feed my sow and pigs." There's a boy who is going to make a success in life.

After all, fellows, the boy who does his best is accomplishing just as much as the chap who stars in the big game. He may not make a home run nor put over a touch down, but if he keeps pegging away every day, doing things on the square, playing fair with his folks, with himself and with all his associates, he's not going to lack for friends nor for success. Lionel Holm, 12 year old Lincoln county representative in the 1917 contest, is the sort of a chap we like to enroll. "I'm sure glad to get into the pig club," wrote Lionel. "I may not do very well but I will do my best and that is as much as anyone can do." Sure it is, Lionel. And I'll wager that Lionel's "best" will be mighty good.

Considering how pleased every boy who files recommendations in time to get into the contest seems to be I can't understand why the boys in a few counties are so slow in lining up. Possibly some are timid about entering because of the scarcity of corn. While corn is very essential in profitable pork production, if you have other grain and can feed milk and table slop along with pasture profitable gains can be made. This is especially true where plenty of milk can be supplied. Some of our Western Kansas boys have done surprisingly well this year where the corn ration was very small. Pasture, of course, is almost a necessity and I am not urging town boys to join. There are exceptions, tho, for Ray Jones of Reno county lives in a small town and probably no club member will be able to show a greater profit. Ray hustled and pastured his pigs on vacant lots. Boys who have the right kind of pep always will find a way.

There was great excitement in Chautauqua county when Glenn Byron received his letter telling him that he had won a place in the contest. "My uncle came up and I got the papers and showed them to him," wrote Glenn. "Uncle said he would get me a bicycle because I had joined the Capper Pig Club and I got so excited that I failed to put the contract

papers up with the others. When I went to get my papers again the contract was gone so I wish you would send another as soon as possible." Bully for you, Glenn! See that the bicycle uncle buys is a good one. Glenn had pictures of pigs drawn all over his stationery but I couldn't tell what breed they were.

Let's show a little more pep in lining up boys where the county membership is not complete. Every boy who has joined the club should tell his friends about it if his county is not enrolled among the number re-

ported full. It isn't necessary to go into detail about the contest. Just tell your chum that if he can file approved recommendations in time to get into the contest Arthur Capper will lend the money to pay for a purebred sow. Records are to be kept and after close of the contest December 15, 1917, almost \$300 in prizes will be awarded for the best records in pork production. Let's fill up the fives. Get busy; you can help.

And now here are the counties with complete membership as published in recent issues: Reno, Douglas, Shawnee, Morris, Jefferson, Atchison, Bourbon, Coffey, Greenwood, Harper, Kiowa, Marshall, Osage, Pottawatomie, Republic, Rooks, Sumner, Wabaunsee, Wilson, Anderson, Cheyenne, Clay, Cowley, Doniphan, Gray, Jackson, Lyon, Miami, Nemaha, Osborne, Ottawa, Russell, Saline, Butler, Dickinson, Harvey, Phillips, Smith. Quite a number of counties have four representatives but these are the only counties with membership completed since last reports.

Name and Address	Age
CLARK COUNTY:	
Samuel Clapper, Minneola	15
Elvin Zane, Ashland	12
Loren Snow, Minneola	11
Arthur Salyer, Ashland	15
Jesse Tindall, Minneola	12
LABETTE COUNTY:	
Ted Montee, McCune	15
Abner McCrary, Mound Valley	13
Floyd Billings, Cherryvale	15
Joe Elder, Cherryvale	12
Paul Hathorn, McCune	10
MONTGOMERY COUNTY:	
Joe Lewis, Wayside	15
Robert Cottom, Cherryvale	12
Clayton Smith, Elk City	15
Ralph Willison, Elk City	12
Ernest Myers, Coffeyville	15
PRATT COUNTY:	
Ralph Hoener, Preston	11
Homer Wittner, Pratt	13
Ted Chaffin, Preston	11
Floyd Legg, Cullison	11
Clarence German, Preston	13
RICE COUNTY:	
Mahlon Stauffer, Lyons	11
Levin Swenson, Little River	17
Charles Fuqua, Lyons	11
Wallace Smith Sterling	10
Fernon Worth, Pollard	11
WASHINGTON COUNTY:	
Arlo Wolf, Hanover	15
Randall Russell, Linn	17
Ralph Corder, Linn	15
Manley Duston, Washington	10
Richard Tuhey, Hanover	12

THE CAPPER PIG CLUB

John F. Case, Contest Manager, Capper Building, Topeka, Kan.

I hereby make application for selection as one of the five representatives for county in the Capper Pig Club Contest. I will try to secure the required recommendations and if chosen as a representative of my county I will carefully follow all instructions concerning the club work and will comply with the contest rules. I promise to read articles concerning pig club work and will make every possible effort to acquire information concerning the breeding, care, and feeding of swine.

Signed Age.....

Approved Parent or Guardian

Postoffice Date.....

Age Limit 10 to 18 Years.

IVER JOHNSON



You Can't Bully an

IVER JOHNSON REVOLVER!

An Iver Johnson knows but one master—a long pull on the trigger. It can not be fired in any other way. It is absolutely safe, even under the blows of a hammer.

An Iver Johnson shoots straight with a terrific smash. Made in Hammer and Hammerless models with Regular, Perfect or "Western" grip. \$6 to \$8.

Iver Johnson bicycles are made in Racing, Cushion Frame, Truss Bridge Roadster and "Motorcycle" models. \$35 to \$55. Juveniles \$20 to \$25.

Valuable 80-Page Book Sent Free Tells how to get one hundred cents' worth of satisfaction out of every dollar spent for Revolvers, Shotguns, Bicycles and Motorcycles.

Iver Johnson's Arms & Cycle Works

318 River Street, Fitchburg, Mass.
99 Chambers St., New York
717 Market St., San Francisco

THE "TALE OF A PIG"

Send post card at once for this interesting free story. There's money for you in every line of it.

CORN CROP SHORT SAVE YOUR FEED

Don't buy corn and pay high prices. Learn how 55,000 wide awake farmers make their feed go a third to a half farther and prevent hog cholera by feeding correct, cooked rations. Also get our 10 day trial offer on

HEESEN FEED COOKERS

Tank Heaters, Hog Troughs, Etc

Cook feed and warm the water for your hogs, cattle, sheep and poultry this winter. It pays. All sizes of cookers. Used everywhere. Attractive prices. Handy for cooking feed, scalding hogs, rendering lard, etc.

Write us Let us show you the way to greater profits. Just send your name and address. Do it now!

HEESEN BROS. & CO.

Box 730
TECUMSEH, MICH.

STARS MAKE DOLLARS

If you're a man of energy and business ability, here's an opening worth consideration. There is a great demand for drilled water wells, and there's large sure profits to the man with a

STAR DRILLING MACHINE

Portable—Steam or Gasoline

Best by test. Low in price, high in practical worth. You can make it pay for itself and earn dividends all the time. Look into this! Sold on payment plan if desired.

Our 140-page catalogue describes 21 different Star Outfits. Write us and we'll mail you this book which will point the way to money making. Write to-day.

Star Drilling Machine Co.

521 Washington St., Akron, O.

WANTED—MEN

Prepare as Firemen, Brakemen, Electric Motormen, Train Porters (colored), Hundreds put to work—\$65 to \$125 a month. No experience necessary. More wanted in every state. Send stamp for Application Blank. State position wanted.

I. Railway C.I., Dept. 69, Indianapolis, Ind.

Big Wealth from the Oil?

There is Much Interest in the Drilling near Gridley

BY HARLEY HATCH

AN OIL strike in this vicinity has sidetracked everything else temporarily. What the well will be can not be told until there are more developments. If this should become an old field the farmers here could forget the corn failure. But I am banking very little on any easy money. It will be well to go ahead with plans for the best farming we know.

Many jobs have been done around this farm during the past week. It beats all how a fellow can put in four or five days at such work and keep going all the time and then not be able to see much done. But if we don't do these odd jobs we will find out shortly that things around the buildings are out of joint. Our plans for next week include manure hauling, some stalk cutting and 8 acres of double listing, if the weather will permit work of this kind.



In reference to a paragraph which appeared in this column in the November 4 issue of the Farmers Mail and Breeze regarding the price paid for flour in Switzerland I have a letter from a friend living at Pittsburg, Kan., who says that Swiss cents have not the value the United States cents have. He says that 100 Swiss cents equal 49.3 cents of United States money, and that would make a sack of flour which costs \$2.45 here cost \$2.65 in Switzerland at the rate given in the paragraph of November 4 where it said flour was 28 cents a pound in Switzerland. It seems that in most European localities baker's bread can be bought for less than it costs in the United States even if the flour used does cost the Europeans more money. How the bread compares in quality with that sold in this country I do not know.

Our cattle are living on a ration of threshed alfalfa straw and kafir fodder, and are doing well on it. I have never seen kafir fodder possess greater feeding value than it has this year. Usually kafir fodder is what is called kafir "butts," being the bundle with the grain heads cut off. This year the grain heads did not mature and the cattle are getting the whole thing. It is much better than the usual kafir butts. Besides that the fodder was cut before it ripened and became dry and woody. This makes it more palatable for the stock.

In regard to sowing grass on worn land to make pasture and restore the soil I would say that I don't know just how far west in Kansas grass sown on plowed land will thrive. I don't think the timothy limit lies much farther west than Emporia. I rather think English bluegrass will thrive as far west as Hutchinson provided the soil is grass soil, that is, soil not too light and sandy. Heavy soil is not so easy to farm as lighter soil, but it has one advantage in being natural grass soil.

If I were sowing a field of worn soil anywhere east of the center of Kansas and wished to make pasture of it I should use English bluegrass as the principal grass. With it I should sow 2 or 3 pounds of Red clover seed to the acre. The Red clover, if not pastured so heavily that it cannot seed, will in about four years have the grass pretty well crowded out. At least, that is the way it has worked here. Then it is time to plow the field up and raise a good crop.

This grass mixture should be sown next spring along with oats. The sowing should not be done at the earliest oats sowing date; somewhere along about March 20 is early enough and up to April 10 will do. The seed can be mixed with the oats and sown broadcast if the ground is moist or with a press drill if dry. Put the seed together in the hopper and stir it up at every round. In this way a fairly even stand can be obtained. If broadcast seeding can be done I prefer it because it gets the seed spread better. Don't try to sow too wide a cast with English bluegrass seed. Seed sown in the spring will not supply

pasture until the next spring. Sown in the fall it will make pasture the next spring. If pastured it will not make a seed crop and if seed is desired don't mix Red clover with the bluegrass.

The oil man made his rounds this week and left us our winter supply of kerosene and gasoline. For the kerosene delivered we paid 6.3 cents a gallon while the gasoline cost 15.7. I can recall the little lamp which used to light our home in homestead days and which we found it hard to keep lighted with a poor grade of kerosene which cost us from 25 to 30 cents a gallon. No one in those days had an oil can holding more than 1 gallon, and I know of many who used to go to bed early to save burning 25-cent kerosene. Those were the good old days, you remember. They seem good now because we were young then. There is nothing equal to youth but you can't make the youngsters believe it.

We had a pie supper and fish pond last night at Sunnyside to raise money to buy books for the school library. It was a laudable object and all "coughed up" liberally. About \$27 was taken in. It was amusing to watch the youngsters crowd around the fish pond. Had the stuff they drew out on their hooks been offered, them at any store they would have scorned it but, like the normal human being, they like to take a chance. It sometimes seems that all persons are gamblers, and that anyone offering their wares concealed behind a curtain is certain of a sale.

Altho we have several bushels of apples on hand of such varieties as Black Twig, Gano and Ben Davis it seems to me that we have no apples. The reason is that for the last two months we have been eating Delicious apples, and now that they are gone the common sorts seem like no apples at all. I am glad that when we set a small orchard a year ago we included several Delicious trees. This variety seems to have about everything; it has hardiness, heavy bearing and above all, good quality and fine color. In short the Delicious apple is one of those things which seem almost too good to be true.

We have our young fruit trees wrapped already. Experience has taught us that the rabbits nearly always get in some work during the first snow, and the first snow usually comes so early that we have not thought of the young apple trees. For wrapping there is nothing better and easier to apply than old newspapers. They will stand the storms of winter, and will last until warm weather comes next spring. We tie them on with binding twine and have never had such wrapping fail to give protection to the trees.

It is probable that fodder of any kind will, before winter is over, sell for a good price. This is not because of any scarcity of feed but because the price of prairie hay has now reached a point where it pays better to ship it and to use fodder in its place than to feed it to stock cattle. In the summer when prairie hay was low many farmers figured they would not aim to sell any this year but would instead feed it to their stock. Since that time the price of good prairie hay has advanced almost \$3 a ton, and dealers can now afford to pay well over \$8 a ton for it here on track. On this farm we usually have thought that prairie hay can be fed to stock when it sells for less than \$7 a ton. When it brings more than that it had better be sold if there is fodder to be had to take its place.

Excellent progress is being made by the agronomy department of the Kansas State Agricultural college. It is doing much in the effort to get the agriculture of the state established on a sane and sensible basis. Under the leadership of L. E. Call this department is taking a big place in solving the farming problems of Kansas.

SAVE THE PIGS

Turn Sunshine Into Profit.

Sunshine in the hog house means money in your pocket; makes your pigs healthier, stronger and bigger. Gives them more vitality, prevents disease. Purifies and warms chilly, damp, germ-laden air and gives pigs a chance to grow fast and make you money.

CHIEF SUNSHINE HOG HOUSE WINDOWS

Modern, scientifically designed windows that insure sunshine every day. Designed by expert window specialists. Used and approved by the most successful hog raisers. Recommended by veterinarians and hog experts. Galvanized steel—rot proof, rust proof, leak proof. Never need paint or repairs; nothing to wear out. Glass held by patented clips, no putty. Easy to put in, no special tools needed. Can be installed by yourself at odd times. Fit any hog house, old or new, and satisfy all users. Get all your profit by using Sunshining Hog House Windows.

4 Blue Prints of Modern Hog Houses FREE

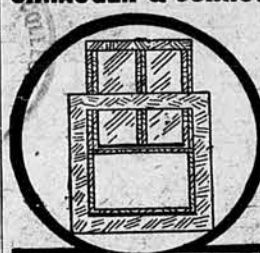
improved features. Prepared by farm building experts. Sent free with our circular. Write.

Windows for Farm Buildings Our Specialty

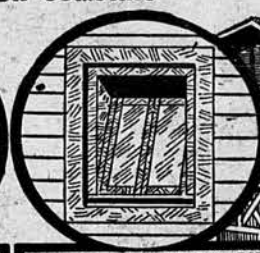
We are specialists on windows, experts on all window problems for farm buildings. Our Chief Sidewall Windows are the result of scientific study. Best on earth for barns, poultry houses, garages, etc. Used on thousands of farms. New Chief Ventilating Windows for dairy and stock barns immensely popular. Insure fresh air, no drafts on stock. These famous windows, made of steel, cost no more than ordinary ones. Write for full information about them. Also on Chief Ventilating Cupolas.

SHRAUGER & JOHNSON COMPANY

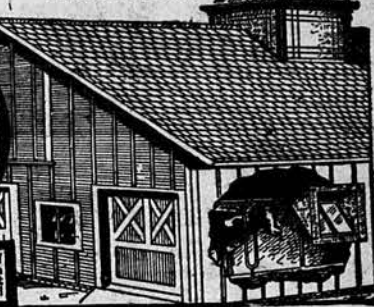
550 WALNUT ST., ATLANTIC, IOWA



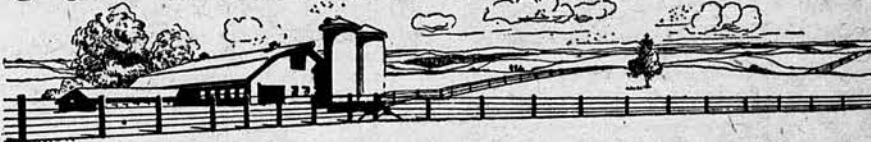
CHIEF SIDEWALL WINDOW. Combination steel casing and sash, easily installed in old or new buildings. Leak proof. No repairs needed.



CHIEF VENTILATING BARN WINDOWS. New, special design steel window for stock barns. Admits fresh air without drafts. Economical.



No More Fence Fixing



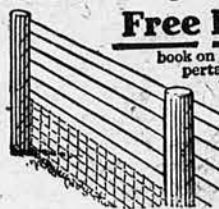
Farm owners can now save all money and time spent in replacing fence posts and fixing fencing due to posts that rot, split and peel. Long-Bell Creosoted Yellow Pine Posts will last you a lifetime. They are selected from slow growth trees, straight and round. Air dried and yard seasoned. U. S. Government tests prove that Creosoted Yellow Pine will last 40 years or more.

CREOSOTED Yellow Pine POSTS

solve all fence problems because they are decay-proof and treble the life of your fencing. Staples driven into these posts are there to stay.

Free Book

We have just published a new book on posts and various facts pertaining to creosote. Write today for your copy. It shows you how to save \$50 in money beside lots of time and labor yearly.



Don't use ordinary posts—you lose one out of eight each year. See your lumber dealer about Long-Bell Creosoted Yellow Pine Posts. Cost practically the same as ordinary posts. Insist on the L-B Trade-Mark—branded on the end of each post. It's your guarantee of permanent post satisfaction and treatment with pure creosote.

The Long-Bell Lumber Co.

123 E. A. Long Bldg., Kansas City, Mo.



SLOANS' LINIMENT

keeps your stock in good condition. Full directions in package will show you many uses for every member of the barn yard family.

Thousands of farmers indorse Sloan's Liniment for pains and aches, sprains and bruises. At all dealers, 25c. 50c. and \$1.00 a bottle. The \$1.00 bottle contains six times the 25c. size.

BUY NOW WHILE PRICES ARE LOW

My 4 New Selling Plans Cash or Time

Make it easy for you to own a Galloway Sanitary Separator. My great volume of business, careful buying of material and systematic manufacturing enable me to sell you the best separator that can be made at lower prices than ever before and on practically your own terms. Other manufacturers are retrenching and increasing prices—I am throwing things wide open and depending on increased sales to keep my prices down.

Galloway Sanitary Separator

If you knew all there was to know about building a cream separator and built one for yourself it would not be a better machine. It would not run any easier, skim any closer, and could not be built of better material, no more wear and satisfaction be built into it by skilled workmen. We build this quality into Galloway Sanitary Cream Separators, and you get the service out. That's why we back every one of these machines with a \$25,000 Guarantee Bank Bond which with the reputation of the Wm. Galloway Co. protects you as no other manufacturer or selling agent of cream separators will do. If the Galloway Sanitary Separator is as good as I say you can't afford to buy any other kind. If it is not as good as I say, I could not afford to offer it to you on a 30-DAY TRIAL ON YOUR FARM.

Nor could I afford to guarantee it for ten years against flaws or defects in workmanship or material. Want you to GET THIS BIG FREE BOOK

It Tells All About Cream Separators

This new book is chock full of cream separator facts. It tells you why I can sell you the best separator ever built at less money than any other cream separator manufacturer or distributor. It tells you the inside secrets of cream separator building and selling. It is free for the asking. In addition I will send you my big fat book of standard quality merchandise—necessities for every farm and city home. Wm. Galloway Co., 43 1/2 St., Waterloo, Iowa Cream Separator Mfg. Specialists

BANG!

Goose the Milk Pail

The slightest udder sore or congestion will make a cow restless and irritable during milking, and a reduced milk-flow results. Keep the udder healthy by applying Bag Balm, the great healing ointment, to cuts, chaps, bruises, sore, cracked or injured teats. Quickly removes caked bag and a valuable aid in treating bunches and strictures.

Sold in big 50-cent packages by feed dealers and druggists. Write for free booklet, "Dairy Wrinkles."

BAG BALM

DAIRY ASSOCIATION CO., Lyndellville, Va.

WITHIN 24 HOURS

Should any storekeeper run short, he can notify us and by the following day supply your exact size in

FITZ OVERALLS

The best work clothes money can buy. Roomy, comfortable and durable. Made of pure indigo denim—never rip—never lose buttons. Wear FITZ and get more for your money. 66 Sizes.

BURNHAM-MUNGER-ROOT

Kansas City, Missouri.

Juvenile Bracelet

FREE This bracelet is a gift to any size wrist. The imitation watch looks like gold plated case. The face is pure white porcelain with the hands and figures in black. A good imitation of a genuine watch. To introduce one publication into homes where Free Offer: It is not now received we will send one Juvenile Bracelet free to all who send 10 cents to pay for a new three months subscription to Missouri Valley Farmer. If you are already a subscriber you can send 10 cents to have the paper sent to a friend and we will send bracelet to you. Address Missouri Valley Farmer, Dept. I. W. 6, Topeka, Kansas

We Will Send You FREE A Pair of Gloves

These gloves are made Gauntlet style from Automobile Tops and trimmings. They will outwear several pairs of ordinary leather gloves. They will protect your hands and are exceedingly comfortable as they give plenty of finger freedom and they are

Water Proof

These gloves are just the thing for automobile driving or work gloves. They are well made, pliable and durable.

We purchased a large supply of these gloves to give to our readers and we want you to write for your pair today.

FREE OFFER

We will send one pair of these gloves to all who send us \$1.15 to pay for one yearly subscription to Mail and Breeze, or free for one three-year subscription at \$2.00. With this offer we will include a year's subscription to Capper's Weekly. New, renewal or extension subscriptions accepted on this offer.

Farmers Mail and Breeze, Dept. G, Topeka, Kan.

Cause of Bad Flavors in Milk

Several causes contribute to undesirable flavors and odors in milk and cream. One instance is the flavor which is the result of bacterial action. This may be owing to the lactic-acid bacteria which sours milk. Then certain forms of bacteria cause fermentation or decomposition in milk, and when they have worked for a considerable time they cause a very undesirable flavor.

Certain feeds also contribute to the flavor and odor. In several competitions milk scores have been cut heavily because of a pronounced garlic flavor. Silage flavor often is in evidence, especially during cold spells in the winter when the barns are kept tightly closed. If the silage is fed directly after milking instead of either before or during milking, there should be no trouble on account of silage flavor in milk. There is one thing, however, that must be remembered: If the cows leave any silage in the mangers it must be cleaned out and taken from the barn when they are thru, as the warm milk very readily absorbs the silage odor if it is in the air. The stable air, if close or "cowy," is another source of bad odors which are absorbed by the milk. Sometimes flavors are detected in milk which are due to foreign substances. Milk has been submitted in bottles from the rubber parts of which it had absorbed a flavor of rubber. The use of unparaffined caps may give rise to a "brown paper" flavor in the milk.

It would seem that the best results, so far as flavor and odor go, can be obtained by mixing the milk of three or more cows. Sometimes the physical condition of the cow or the period of her lactation influences the flavor of the milk considerably.

Ernest Kelly.

Milk is a Powerful Stimulant

The Pasteur institute of Paris makes the declaration that one of the most powerful stimulants known is milk. It has been in use for months now as the one stimulant for the French soldiers in the trenches, and its effect on them has amply justified the statement made by the famous institute in regard to it.

Milk has been used liberally to stimulate the French soldiers before they go into battle and its effects have been such that the French government has urged the sale of milk in preference to other soft drinks behind the trenches when the soldiers go off duty for their spells of rest and recreation.

That the qualities of stimulation should be demonstrated on the fighting men should commend the beverage to those engaged in the pursuits of peace in those parts of the world where Mars does not now rule. While alcohol may fire the brain and dull the sensibilities and thus impart a false courage, milk, according to the learned scientists of the Pasteur institute, performs the work of keying up the individual without affecting the keenness of his senses or the coolness of his judgment. High courage and a clear perception of what they are doing is necessary for the best work in all the arts and professions, as well as in the handicrafts and in trade.

This fluid hitherto has been considered synonymous with all that is mild and peaceful. Advocates of preparedness have referred to "these milk-and-water pacifists." The "milk of human kindness" has no suggestion of powerful stimulation.

But science has discovered, among its many wonders, that the patient cow has put a punch in milk that necessitates the addition of no product of the still to make itself felt on the human system. It has discovered a new and a harmless "bracer."

David Stone Kelsey.

Dairy Heifers Repay Good Care

Many of the most thoughtful breeders are asking agricultural experiment stations if it is possible to follow any method of feeding and management of dairy heifers that will make it more certain that the heifers will be good producers. It is another application of the question as to the relative importance of heredity and environment. Does a good dairy cow or an inferior one derive her special dairy characteristics by inheritance, or is it a result of her treatment from birth to maturity? Is a good dairy cow born that way, or made what she is by her owner?

Considerable difference is in practice among cattlemen in regard to the feeding and handling of dairy heifers. We

find radically different views on some points. Some hold that a cow should be fresh at a very early age to insure the best development of the milking functions. Others take a directly opposite view and prefer a cow to be quite well matured and say that only in such animals are the milk-producing functions the most highly developed. Some who raise dairy cattle feed their calves only bulky feed and in rather scant quantities. Others feed largely with grain and grow them as rapidly as possible. Some hold that if a heifer of a dairy breed is allowed to get fat when young she develops a tendency to use her food for body fat all her life rather than to produce milk. Others hold that the dairy qualities of a cow are not influenced in any way by the method of feeding when young and that no harm comes from a heifer being fat. Some desire to develop the largest animals possible for the breed. Others prefer cows medium-sized or small for the breed.

There must be some general law or laws in regard to these points that can be found by experimental work. Apparently there are a number of questions along this line which cannot be answered definitely as a result of common observations or there would not be this wide difference of opinion. Having these facts in mind, the Missouri Agricultural Experiment Station in 1906 undertook an investigation for the purpose of determining, if possible, some of the principles upon which methods of raising dairy cows should be based. It was thought that by raising dairy heifers in the University of Missouri herd under different conditions and keeping full records from birth until the cow had been in milk two years it would be possible to come to some more definite conclusion regarding the possible influence of the treatment when young upon the future usefulness of the animal for dairy purposes.

The general conclusion from the work is that it is possible to influence the rate of growth, size when mature, and type to some extent, by the liberality of the ration during the growing period, and the age at first calving. Within limits of variation, even far beyond the normal, the character of the ration with reference to amount of nutrients supplied does not exert any appreciable effect upon the milking functions of the cow when mature.

C. H. Eckles.

Hester Makes a Butter Record

The Holstein-Friesian cow Hester Aaltje Korndyke 133222 produced 576.5 pounds of milk containing 34.332 pounds fat in seven consecutive days. She fresh-

What are law courts for?

They are to administer the law, right wrongs, protect the rights and property of the weak and safeguard the innocent from evildoers; to maintain justice, to settle disputes between man and man, promptly, inexpensively and without regard to race, creed or condition. But this is not what the courts do. They have made litigation so costly, so uncertain, so long drawn out, that poor men dare not invoke the law and rich men can evade it. They have created a horde of shyster lawyers, who with the law as a weapon, prey on rich and poor. They have made it possible and safe to plunder great corporations and to rob widows and orphans. * * * We must get back to first principles in the administering of justice. There is no mystery about the right or wrong of any act or circumstance, no need of hairsplitting decisions, technical quibbles and delays, if simple justice is the end sought.

ened at 6 years, 8 months, 21 days old. Her sire is Aaltje Salo Mercedes De Kol Prince 39357; her dam is Hester Korndyke De Kol 99218. She was bred by W. O. Wilcox of Pennellville, N. Y., and she is now owned by M. J. Smiley of Belle Fourche, S. D. With this production she is third highest in the list of 12 Holstein-Friesian cows of all ages that have exceeded 32 pounds fat in seven-day test. If computed on the 80 per cent basis, the equivalent butter production to be credited to Hester Aaltje Korndyke is 42.91 pounds.

Alfalfa is the most profitable leguminous crop for Kansas.

Cut Your FEEDING COST In Half With

FREDO-FEED SPECIAL DAIRY FEED

Here's the feed that will put more money in the dairyman's pocket. This Special Feed develops and maintains a heavy flow of milk and gives your cows the vigor and health to withstand heavy draughts.

Costs less than other feeds—saves and makes money for dairyman at every turn in the road.

Prepared For Easy Digestion

Wholesome, nutritious grain products are mixed with pure New Orleans Molasses—contains everything that stock want and need! They sure eat it up.

Find Out About FREDO-FEEDS

Write in to us today for free literature telling about Fredo-Feeds. We will send this information to any dairyman. Also

Get Our Free Sample

Sent absolutely free for your examination. No obligation—all we want to do is to acquaint you with feeds that have found favor with feeders all over the country. We know it will satisfy.

Write in today to the

FREDONIA LINSEED OIL WORKS:
Dept. C Fredonia, Kan.

Send for Constance

The pretty and charming girl on the

Coca-Cola

1917 Calendar

Your name, address, and a 2c stamp will bring to you this beautiful calendar. "Constance" was painted especially for us and we have had the picture exquisitely reproduced.

If you would like to know more about Coca-Cola, ask for booklet.

THE COCA-COLA CO., Atlanta, Ga.

Easy, Now, to Own a Straw Spreader

I WANT to send a Perfection Straw Spreader on trial to every straw owner. I want to demonstrate how easy it is to spread 15 to 20 acres of straw a day; why this is as profitable a machine as any farmer can own.

Sold on Trial

My machine is in its third successful year. Increase your crops \$5 or more per acre. In use wherever small grain grows. Pays for itself more quickly than any other machine or implement by returning to the soil the humus necessary to make bumper crops. Fully guaranteed.

Write for my free book, "Spreading Straw Pays." A postal brings it. **C. E. WARNER, Pres., Union Foundry & Machine Co., 709 Union St., Ottawa, Kansas.**

"The Nestorian Girl"

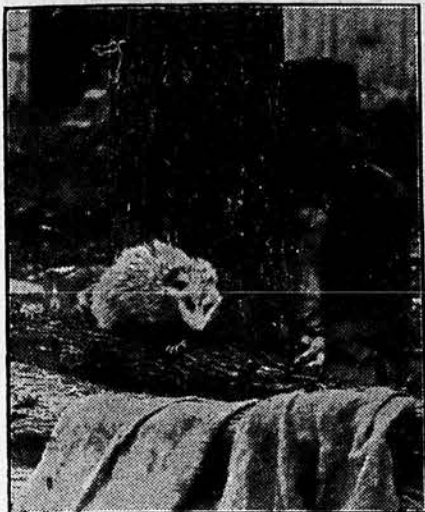
A story of real life in Persia. It is a story of a love romance between a high Nestorian (a Christian) maiden and a Mohammedan prince. The extreme religious prejudices of Persia forbid them to marry. Trouble for the young people begins. The story is interspersed with bandit raids. Ashley, the Nestorian maiden, is taken away into captivity by the bandits. There remains to this day the old fountain known as Ashley's Fountain and the trees under which Ashley is said to have sat. It is the most interesting novel of the day and you should surely read it.

SPECIAL OFFER: This dramatic story book sent free and postage paid for one new or renewal subscription to the Missouri Valley Farmer at 30c. **MISSOURI VALLEY FARMER, Book Dept. N.G. 4, Topeka, Kan.**

More Trapping in Chautauqua

BY W. H. COLE

While the season is but barely opened there is a great deal of trapping being done, and quite a number of furs are being obtained. The Flint Hills district affords an excellent harbor for fur bear-



To Reduce the 'Possum Population.

ing animals, of which the skunk is the most common. Under the huge rocks the skunks make their dens, and it is not an uncommon occurrence for a den to yield six or eight good furs, which at the present prices means considerable money.

Quails are numerous here. The state law which went into effect a few years ago prohibiting the killing of quails is producing results, and almost every hedge row has a cover or two of the little brown fellows. It is pleasant to have them around and profitable as well for the injurious insects they destroy in the course of a year more than offsets the damage they do to crops.

Getting the hens into the new hen-house was one of the difficult jobs which we were forced to tackle when the cold snap came. It is the general idea, among those who have tried to drive chickens, that they are more devoid of sense than any other living creature. Ours are the Wyandottes and are, in most instances, easily handled, but we notice when one tries to crowd them into a different place than they are accustomed to that there is generally a foot race in store for the ones who are doing the driving.

The recent good rains have filled the creeks and water holes, and the stock situation has a more cheerful aspect. There is an abundance of feed here among the farmers but the question of water for the stock to drink was, until the recent rains, a barrier in the way of getting a market for it or of buying cattle to feed it to. The fodder is, in most cases, of an excellent quality, and this with the good wheat pasture will make fine winter feed.

The recent cold snap gave the farmers an opportunity to do a little butchering. Most farmers get hungry about this time for a little fresh meat, and the first cold wave is the appointed time for hanging up a small porker. We butchered one weighing about 175 pounds. For good sweet pork this size is the most desired, but when one wants plenty of lard the larger ones are what make it. However, at this time it is hardly safe to slaughter the larger ones.

Better Farming for Kansas

(Continued from Page 1.)

and hay barns. A big effort must be made to combine these feeds properly to get the best results; a balanced ration must be provided for every animal.

Still another huge loss has been in the marketing system. The problems encountered in this field can be solved as a rule by co-operation. The efforts of the Grange in Kansas, with its 400 chapters, are most encouraging. If the fundamentals of co-operation in the sale of farm products which have been demonstrated in Kansas were applied properly in every community there would be an increase of many million dollars a year in the income from the farm products.

The high prices for hay call attention again to the need for more economy in saving it. Kansas farmers have been wasteful in this respect. We need more hay barns.

Health Hints for Poultry

DR. C. R. WATSON,

We are believers in nature's remedy, fresh air and sunlight, and it should apply to poultry as it does to our own personal health. I believe that 25 per cent of the sickness of people is caused by improper ventilation and lack of fresh air. I have found this to be true in my own professional experience and I believe that it applies to poultry as well. See that your poultry houses are properly ventilated with the fresh air curtain, and you will not have so much trouble with disease, nor with frosted combs. I think that most cases of frosted combs come from overcrowding and poor ventilation.

Some succeed for a short time without paying much attention to the cleanliness of their house, brooders and incubators, but you can depend upon it that their days of success are numbered. See that everything is subjected to a thorough cleaning and disinfection at least twice a year and oftener if necessary. Shovel out the droppings and sweep the ceiling and walls, removing all dust, which breeds disease. Spray the house with an antiseptic solution. If you have a water hose, after you have removed everything from the house in the summer months, wash the house out, leaving it open, so that it may dry. If there has been any disease in the flock, spray with some good disinfectant once or twice before the birds are returned to the house.

You should give your fowls plenty of exercise, and one of the best and cheapest ways of doing this is to use clean litter, about 6 inches to 1 foot deep, in which to throw grain. Another way is to have thin litter and a good automatic feeder and exerciser. The straw that you use should be very dry and not molded.

The Pullets Should be Laying

Are your pullets laying? Pullets that do not begin to lay by the time freezing weather sets in usually will wait until spring. This means a loss for several months. The average poultryman cannot afford this loss if he is raising poultry for egg production.

Pullets of the Mediterranean breeds hatched not later than May 1, and that have been reasonably well cared for during the growing period will be laying before early winter.

It sometimes happens that circumstances necessitate late hatching and these pullets must be pushed to get them ready to lay in the fall.

Feed a ration of high protein content including such feed as beef scrap, bran, middlings and oil meal. If skim milk or buttermilk is available, it will be of value. Give the birds free range whenever it is possible. If they must be confined supplement their ration with some green feed such as sprouted oats, green alfalfa, beets and cabbage. Birds fed such feeds and given plenty of exercise will develop amazingly.

C. S. Anderson.

Pullets for Early Laying

Late hatched pullets rarely lay until the middle of the winter or early spring. Chickens should be hatched not later than the last of May if they are expected to lay eggs in the late fall or early winter. Often it is difficult to get fully matured pullets before winter sets in. This can be done, however, by early hatching and proper feeding of the pullets during the later summer and early fall. If the pullets do not receive their proper growth by November and show signs of laying, it is doubtful whether they will lay to any extent until the following spring. The cockerels should be separated from the pullets as soon as possible thus giving pullets plenty of opportunity to develop size. If they are allowed to flock with the old hens and cockerels they may be stunted as it is impossible for them to get their proper allowance of food. Keeping them out on the range separated from the rest of the flock is the best method of handling them.

A Poultry Show at Radium

We will have a poultry show at Radium, Kan., December 14 and 15, 1916. The judge is J. J. Atherton.—W. R. Broadbooks, Pawnee Rock, Secretary.

Sorghum grain is a valuable poultry feed.

Make Hens Lay Now While Eggs Are High

Your hens will lay now if you provide right conditions. During spring and summer they find many things they need to keep them in health, and they lay heavily. In winter you must supply these necessities if you want eggs.

Pratts Poultry Regulator

serves this purpose fully. It is a combination of roots, herbs, mineral substances, etc., which spices the mash mixture and induces the birds to eat greedily; aids digestion; enriches the blood; improves circulation; speeds up the egg-producing organs; puts the fowls in the pink of physical condition; **MAKES THEM LAY.** And all at a cost of about one cent a bird per month. Pratts Poultry Regulator will increase your profits.

Pratts Poultry Disinfectant

will keep the houses sanitary and kill disease germs. Use it now. Don't let disease get a foothold in your flock. Our dealer in your town has instructions to supply you with Pratts Preparations under our square-deal guarantee—"Your money back if YOU are not satisfied"—the guarantee that has stood for nearly fifty years.

Write for 64 page Poultry Book—FREE.

PRATT FOOD COMPANY

Philadelphia Chicago Toronto

pratts

Let me put you on the map as a Poultry Raiser

"Hatching Facts" biggest poultry book published, in colors, explains everything—tells about My World's Champion Belle City Incubator—my low price—My 10-year Money-Back Guarantee. Also My \$1000 in Gold Offers. Your Month's chance to make Big Poultry Profits. Write Home Today for Free Book. Jim Rohan, Pres. Ext. Propd. Belle City Incubator Company, Box 21, Racine, Wisconsin

A \$45 SADDLE for \$36

CASH. Fourteen-inch swell front, 8-inch stirrup leather, guaranteed, solid steel fork. Catalog free.

Fred Mueller

1413 Larimer St. Denver, Colo.



BIG HATCHES!

On One Gallon of Oil—One Filling of Tank!

RAYO Incubators produce higher average hatches because center heat insures even temperature. Hinged glass top puts eggs, thermometer and all in plain sight, saving labor. Oil tank needs but one filling for entire hatch. Flame regulator saves 3 to 6 gals. oil every hatch. Hatching chart and money making book on request. Write for them and new catalog. Rayo Incubator Co., U. S. Sta-1323, Omaha, Neb.



Kure-Roup

Paste 50c A Box

You will seldom lose a fowl with any disease if you keep this on hand. Sample Free. Standard Remedy Co., Fontana, Kan.

When writing to advertisers be sure to mention the Farmers' Mail and Breeze

THE LAWYER TELLS THE GOOD JUDGE ABOUT THE STUBBORN ONE

JUDGE, LOOK AT THAT FELLOW'S FACE—ALWAYS CHUCK FULL OF ORDINARY TOBACCO. SEEMS SOME OF HIS FRIENDS WOULD TELL HIM ABOUT W-B CUT.

I AM SURE HE WOULD APPRECIATE IT



YOU'RE not sorry for gophers and monkeys with their faces all swelled out—they are built that way, pockets in their cheeks to hold stuff till it's feeding time. But you can't help feeling sorry for a man with a big wad of old kind of tobacco—he isn't even getting satisfaction. W-B CUT is rich tobacco—full of satisfaction—a little chew, is right size, and it cuts out so much chewing and spitting.

Made by WEYMAN-BRUTON COMPANY, 50 Union Square, New York City

If your subscription is soon to run out, enclose \$1.00 for a one-year subscription or \$2.00 for a three-year subscription to Farmers Mail and Breeze, Topeka, Kan.

Special Subscription Blank

Publisher Farmers Mail and Breeze, Topeka, Kan.

Dear Sir—Please find enclosed \$1.00, for which send me the Farmers Mail and Breeze for one year. \$2.00 three

My subscription is..... (Say whether "new" or "renewal.")

My Name

Postoffice

State..... St., Box or R. F. D.



"The Peace Offering"

"I know what will change mother's mind"

—nothing has solved household problems like Calumet Baking Powder. It has brought happiness into millions of homes—made expert cooks of millions of housewives who never had much bake day "luck." Its unequalled leavening and raising powers mean big, tempting bakings. The never-varying quality of its wonderful ingredients means the same good results every bake day. Calumet saves you money because it's moderate in price, goes farthest, eliminates failures and waste. It's pure in the can—pure in the baking—and the favorite in millions of homes.

Received Highest Awards

New Cook Book Free—See Slip in Pound Can.



Agents! THIS FORD AUTO GIVEN AWAY!

You can earn this FORD Touring Car—1917 Model—and at the same time make \$50 a week. Biggest agent's proposition ever offered. No capital required. Send three business references. Limited number of openings so write today if you want the car.

AGENCY MANAGER
402 Capital Building,
Topeka, Kan.

Car Shipped
Freight
Prepaid

4 CHRISTMAS GIFT BOOKS Free

Send For Yours Today!

The holiday season will soon be here and you will want the Christmas Booklets we are giving to new or old subscribers. The booklets are just what you need to add to the pleasure of your giving at Christmas time. The Booklets are Gold Embossed, lithographed in beautiful colors on extra fine quality emerald Bristol board; the pages have appropriate holiday verses and there is a place for the name of the sender. Each booklet is in an envelope to match.

Special Christmas Offer

While they last we will send four of these lovely booklets to all who send 30 cents to pay for a new or renewal subscription to the Household, the big story paper and family magazine. Send order now and make sure of early delivery. Address, Household, Dept. X85, Topeka, Kansas.

Little Folks Like Stories

BY MRS. DORA L. THOMPSON,
Jefferson County.

Our school house is a mile and a quarter distant. This we have thought too far to send the little beginner, especially as there are no other children that travel the same road. In fine weather, we think a boy 6 years old is better out of doors at play than sitting in a school house. As our lad is eager to learn to read we are planning to do some teaching when regular winter weather arrives. The task would be easier for us if it were the teaching of older pupils. Some who have thus taught children at home tell us that the Aldine Primer published by Newson & Company, New York, and The New Educational Reader published by the American Book Company, Chicago, are both exceedingly helpful. We find the Course of Study prepared by the Kansas state board of education is very suggestive. So much needs to be taught before the primer is placed in the child's hands, that the parent-teacher should study how to teach vowel sounds and words.

Two very interesting books for children of 4 to 6 or 7 years of age are "Polly and Dolly" and "The Cherry Tree Children." These are both written by Mary Frances Blaisdell and published by Little Brown & Company of Boston, Mass. They may be ordered thru any book dealer for 50 cents apiece. The Polly and Dolly book is a series of short stories about four playmates and a dog. The children never tire of these stories. One grandmother who reads to different sets of grandchildren tells us that she has read about Polly and Dolly, their make-believe bears, their singing lesson, and so on until she has little need of the book. These stories are not only amusing; they are suggestive of ways in which children may play and work. The Polly and Dolly book is too difficult for a beginner to read but not too difficult to comprehend. The Cherry Tree Children is more simple.

The Cherry Tree Children is evidently planned for the child's own reading—a series of sentences repeating the new and unusual word and telling interesting things about the Cherry Tree's children—robins, crows, squirrels, rabbits, ducks and chickens.

Even a 3-year-old youngster enjoys the Peter Rabbit Stories that have been given in so many newspapers. One of the best lessons suggested in these stories is kindness to animals as shown in Farmer Brown's boy's treatment of Peter and the others. Collections of these stories may be bought in the 10-cent series.

Good stories for a mother to tell are found in Maude Lindsay's "Mother Stories" and in "Cat Tails and Other Tales," published by A. Flanagan & Company, Chicago. Poems for study and memorizing are a valuable part of a child's training. Suitable poems are given by subject or title in the Course of Study.

If we had a larger boy who seemed to care little for reading or study we should subscribe for some magazine like The Youth's Companion and have it come in the boy's own name. His books would need careful choosing, but he would be a strange boy indeed if he were not interested in that excellent description of child life in Holland, "Hans Brinker and the Silver Skates" or the Scotch Collie dogs' competition in herding sheep as told in "Bob, Son of Battle." He's a peculiar boy, too, who isn't spellbound by Ernest Thompson Seton's "Wild Animals I Have Known," "Lives of the Hunted" and many similar books.

A girl in the eighth grade answered the inquiry as to her favorite authors by saying she couldn't tell which she preferred—Louisa Alcott or Kate Douglas Wiggin. It seems that times and different conditions do not change the hold those two writers have in appealing to girls and shaping their ideals after the finest of unselfish girl characters.

The War Children's Christmas

Don't forget the fatherless children in Europe when you plan Christmas happiness for your own little family this year. This will be the third Christmas of the war and the number of homes which will be without Christmas cheer is greater than ever. The War Children's relief fund, which was organized in 1914 and has collected and distributed \$28,000 in money and \$30,000 worth of new

clothing and toys and food in the last two Christmas seasons, is sending out this appeal to the children of America and their parents:

"Another Christmas approaches and the children of the warring nations of Europe look with touching wistfulness to their friends of America, wondering if this year they may again receive some token of love and good cheer to make them feel that they are not entirely forgotten amid the desolation of war. Let us share with them our own Christmas good cheer.

"The Little Stocking" is the symbol of the War Children's relief fund. We shall send thousands of these little stockings to the orphaned war children of Europe, just as we have in the last two years.

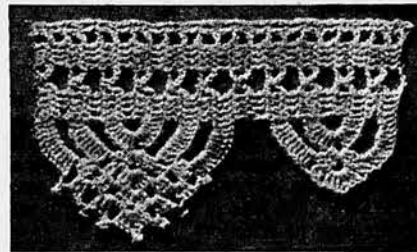
"Every child's stocking will contain candies, a little inexpensive toy and a few pennies, sent 'with the love of the children of America.' In the package with the stocking will be placed useful gifts of wearing apparel, such as a cap, mittens or a comforter. It will be a real Christmas gift, bringing good will and love with it. It is estimated that about 50 cents will be expended on each box.

"A whole day of happiness in a child's life and a golden memory for you, that will live thruout the year—all for 50 cents."

Send your contributions to the War Children's Relief Fund, 35 and 37 West 39th Street, New York City. Encourage your children to send a part of their own little savings too. You can find no more beautiful way to teach them the real meaning of Christmas.

Jacob's Crown in Crochet

This lace in coarse thread is pretty for bath towels. If made of finer thread it may be used for other purposes. Begin with chain (ch) 18, turn and make a



One Point is Shown Unfinished.

double crochet (dc, thread over hook once) into the 4th st from hook, dc into next st, ch 2, miss 2 st and put 4 dc into the next 4 st, ch 3, miss 1 st and catch with a single crochet (sc) into next, ch 3, miss 1 st and put 4 dc into the last 4 st, ch 3, turn.

2nd row—3 dc into next 3 dc of last row, ch 3, 4 dc, ch 2 and 2 dc into last 2 dc of last row, ch 3, turn.

3rd row—Dc in dc, ch 2, 4 dc, ch 3, sc to middle of ch in last row, ch 3, 4 dc, ch 3, turn.

The 4th row is the same as the 2nd row and the 5th row is like the 3rd. The 6th row is like the 2nd row also.

7th row—Dc on dc, ch 2, 4 dc, ch 3, sc to center of ch 3 of last row, ch 3, 4 dc in dc, ch 5 and slip stitch (sl st) back to top of the block of dc in the 5th row thus beginning the scallop, ch 1 and sl st back 1 more block of dc.

8th row—6 dc over the ch 5, ch 2 and 6 more dc over ch 5, 4 dc into 4 dc, ch 3, 4 dc, ch 2, 2 dc, ch 3, turn.

9th row—Dc in dc, ch 2, 4 dc, ch 3, sl st to center of ch, ch 3, 4 dc, ch 6 and 3 dc into the ch 2 of scallop, ch 2, 3 dc in same place, ch 6 and sl st to next block of dc, ch 1 and sl st back to the next block.

10th row—9 dc over ch 6, ch 2 and 2 dc into the middle of the 3 dc of last row, ch 2, 3 dc over ch 2, ch 2, 3 dc over same ch, ch 2, 2 dc into middle of next group of 3 dc, ch 2, 9 dc over ch 6, 4 dc in dc, and finish row.

11th row—Dc in dc, ch 2, 4 dc, ch 3, sl st, ch 3, 4 dc, ch 6 and make 3 dc into 1st ch 2 of scallop, ch 2, 3 dc into next ch 2, ch 2, 3 dc into center ch, ch 2, 3 dc into same ch, ch 2, 3 dc into next ch, ch 2 and 3 dc into last ch, ch 6, sl st to next block, ch 1 and sl st and fasten in last block.

12th row—11 dc into ch 6, ch 4 and catch back into 1st st for picot (p), ch 1 and 3 dc under ch 2, and repeat same as 10th row making a picot between every group of dc. A pretty finish is to make a single crochet into every st of the edge using colored thread and leaving the picots on top. Make French knots in the colored thread along the hem of the towel. Mrs. H. C. Markel, Hays, Kan.

The Leader of all Cushion Shoes

Mayer HONORBILT CUSHION SHOES

For men and women

Ask your dealer for Mayer Shoes. Look for the trademark on the sole.

F. Mayer Shoe & Shoe Co., Milwaukee, Wisconsin



STATE PILLOW TOP FREE

The name of any state on Pillow Top and State Flower tinted in colors on Art Cloth, size 17x21 inches. **FREE OFFER.** Send name of state wanted with \$5 for one year's subscription to Household Magazine and receive Pillow Top and complete course in embroidery free. Secure in embroidery free.

HOUSEHOLD, DEPT. P. T. 14, TOPEKA, KANSAS

More Light Than 20 Lamps

that burn kerosene, and less trouble and far more economical than any other. No wicks to trim, no chimneys to clean, no greasy oil to handle. No batteries or engines to fuss with. No smoke, no soot, no odor. Nothing to get out of order.

The Coleman AIR-O-LITE

is a beautifully shaped and finished portable table lamp that makes and burns its own gas. Gives 800 candle power at only one-third of a cent per hour. Absolutely safe. Won't explode or get out of order if tipped over. Ask your dealer or write for catalog showing many beautiful styles.

The Coleman Lamp Co.
121 N. St. Francis Ave., Wichita, Kan.
St. Paul, Minn., Toledo, Ohio,
Dallas, Tex., Chicago, Ill.

A Wonderful Offer

Why not let us send you A Victor Victrola with Records on

FREE TRIAL

Send No Money With Order

No Interest—Freight or Express Prepaid. A Victrola in your home will bring more happiness than anything you could buy—A lasting source of entertainment—Our Special Offer makes it easy for you to own one—Write Today.

Victrola X \$75.00

Mahogany or oak cabinet, with record shelves. Nickel-plated Exhibition sound box, Victor tapering tone arm and "goose neck" sound-box tube, automatic brake and speed regulator. Extra heavy double spring, spiral drive motor (can be wound while playing). All metal parts nickel plated. This Genuine Victrola with \$75.00 worth of Records of your own choice only \$82.50—Terms \$5.00 after trial, then \$5.00 per month, without interest—freight paid.

Victrola Catalog Free

Write now for our free booklet describing every style of Victrola—it will aid you in selecting the one you want to buy. Do not write a letter, simply sign the coupon and mail to us.

Mail Today
J. W. JENKINS SONS MUSIC CO., Kansas City, Mo.
Please send me full information regarding your Free Trial, easy payment offer on Victrolas.

NAME.....
TOWN.....
STATE.....

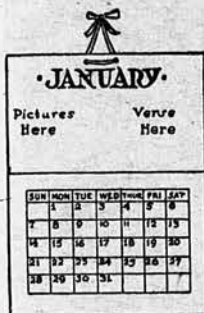
A Gift that Lasts all Year

Any Child Will Enjoy Keeping a Little Calendar Record

BY GRACE UTT

YOU DO not need to give that blessed child an expensive Christmas gift. Here's something she will like best of all, if you are willing to spend time and thought on the making. A woman, who, according to the children, "knows the most nice things to do," thought of it first, and she is good enough not to care if we copy her.

First, the materials. Supply yourself with 12 sheets of white bristol board measuring 12 by 18 inches. Print at the top of each, in colors, the name of a month. Use water colors if possible, making the letters 2 inches high. If you cannot do free-hand lettering, you can easily find copies on magazine covers, or in any book of designs.



The Calendar.

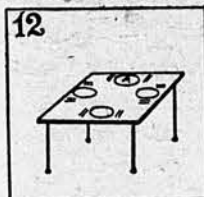
On the upper half of the sheet paste one large, or several small cut-out pictures appropriate to the particular month. Colored ones are prettiest, but water-colors will soon touch up any black and white one cut from the advertising pages of the magazines. Any rollicking winter scenes will be good for the January sheet. The one made by this resourceful woman bore this little verse:

"How can a little child be merry
In snowy, blowy January?
By doing something every day, to help
Another on his way.
That's how a little child is merry
In snowy, blowy January."

The February page had a big red heart on it, and said,

"The second month is very dear,
The smallest one of all the year;
And this is why we think it fine,
It brings us each a valentine."

The page for windy March was done in brown and yellow. There was a kite, with a long, flowing string, and this verse:



A Day's Record.

"The March winds blow our tugging
Kites
Until they fly so
high
They look like tiny
little birds,
A-sailing in the sky."

April, printed in green, had a daffodil, a violet, a butterfly in its three stages, and this verse:

"The little flowers were sleeping sound,
But now they rise above the ground;
From still cocoons in glad surprise
The pretty butterflies arise
In happy April time."

May was printed in lavender, and of course nothing but a May basket would do here, a basket full of flowers. This was printed beside the basket:

"All the birds and bees are singing,
All the lily bells are ringing,
All the brooks are full of laughter,
And the wind comes whispering after.
What is this the flowers say?
'Tis lovely May,' the flowers say,
'Lovely, lovely May.'"

You can easily find pictures and verses for the other months. Children's magazines, Stevenson's verses, and Sunday newspapers will offer many suggestions.

Now Comes the Child's Part.

This decorating is your part, and should have taken only the upper half of the sheet. Now comes the child's part. Block off the lower half as any calendar is divided into 35 squares, seven across and five down. Print abbreviations for the seven days at the top. From a 1917 calendar get the dates of the days of the week. Write the dates in small numerals in the upper left-hand corner of each square. This will leave room for the child's part in the calendar making.

This, after all, is what will make the gift really the child's own, for these squares are to be her days. Suppose that on May 12 the child has a little guest who lunches with her. Suggest that she draw the dining-table, showing an extra plate set for the little friend, marking it with her initial.

Or, on a day when rain keeps her indoors, she might draw an umbrella, also a picture of something with which she amused herself in the house. If the child is in school, scores of things to draw will suggest themselves at the close of the day, and if the child is urged to do the

drawing herself, every sketch, however rude, will tell a story, and looking back at the end of a month, the calendar is a veritable "journal," in which she will be interested to find an actual record of her days.

Such a calendar, made neatly, with attractive pictures, will delight any child. Make a hanger for every sheet, using baby ribbon in colors to match the water color used in the lettering.

A Coat to Keep You Warm

This practical and stylish coat may be made of any of the rough Scotch woolen mixtures. The deep round collar may



be made of fur cloth or the same material as the coat. The pattern, 8066, is cut in sizes 36, 40 and 44 inches bust measure. It may be ordered from the Pattern Department of the Farmers Mail and Breeze, Topeka, Kan. Price, 10 cents.

Don't Waste Fuel

Keep the little damper in the fire door of the furnace closed. Opening it chills the burning gases so that they pass out the chimney without giving up as much heat as they should, and fuel is wasted. This damper may be used to admit air to a hot bed of coals when the grates are clogged, but under ordinary conditions it is best kept closed. This is the advice of the engineering department of the Iowa State college.

The department also advises against filling up the furnace at night with fresh coal and then opening up the check damper in the furnace pipe to keep the fire down as this practice does not permit a high enough temperature to burn up the gases efficiently and carbon is drawn up the chimney and wasted. Better results are obtained by building up a good bed of coals gradually with the check damper closed, and then when the whole bed is coked, opening the check draft for the night.

Keep the paraffin for sealing glasses and jars in a small tin teapot. It is easy to melt and pour and does not collect dust.

Do not use soap for washing jelly bags. Borax or baking soda will keep them fresh and leave no soapy flavor.

Will there be a Victrola in your home this Christmas?

Think of the delight of having Caruso, Destinn, Farrar, Gadske, Gluck, Hempel, Homer, McCormack, Melba, Ruffo, Schumann-Heink, Scotti, Tetrassini and a host of other great artists sing for you!

Think of having Elman, Kreisler, Paderewski, Powell, Zimbalist and other famous instrumentalists play for you; of hearing Sousa's Band, Pryor's Band, Conway's Band, Vessella's Band, Victor Herbert's Orchestra and other celebrated musical organizations; of enjoying the inimitable witticisms of Harry Lauder, Nora Bayes, Raymond Hitchcock, Mizzi Hajos and other leading entertainers.

Who wouldn't be glad to get a Victrola for Christmas! The *only* instrument that brings to you the best music of all the world superbly interpreted by the world's *greatest* artists.

Christmas day and every day, let the Victrola inspire and entertain you!

Christmas isn't too far off to see about *your* Victrola today. Any Victor dealer will gladly demonstrate the various styles of the Victor and Victrola and play any music you wish to hear. Write to us for catalogs.

Victor Talking Machine Co., Camden, N. J., U. S. A.

Victrola

To insure Victor quality, always look for the famous trademark, "His Master's Voice." It is on every Victrola and every Victor Record. It is the identifying label on all genuine Victor Records.

New Victor Records demonstrated at all dealers on the 28th of each month

Victrola XVI, \$200
Victrola XVI, electric, \$250
Mahogany or oak
Other styles of the Victor and Victrola \$10 to \$400

See What You Can Save On a Kalamazoo



Illustrations of latest designs, new improvements, prices and save money. Write Today. 30 days' trial, \$60 days' approval test. Cash or Credit. \$100,000 Guarantee. We pay freight and ship within 24 hours. Ask for Catalog No. 341.

KALAMAZOO STOVE CO.
Manufacturers Kalamazoo, Michigan
Stoves, Ranges, Gas Ranges, Furnaces,
Metal White Enameled Kitchen Cabinets,
3 catalogs—please say which you want.

Get the New Catalog

GET our new stove book and find out why over 350,000 pleased owners recommend Kalamazoo. See beautiful color illustrations. Get wholesale prices.



Money To Loan on Farms

Low Rates. Quick Action. Agents Wanted.
FARMERS LOAN & TRUST COMPANY.
Tenth and Baltimore Ave., Kansas City, Mo.



Smallest Bible on Earth

This Bible is about the size of a postage stamp and is said to bring good luck to the owner. Sent free if you send 10c for three months' subscription to our big magazine.

HOUSEHOLD, Dept. B2, Topeka, Kan.

Compo-Board

The Only Wood Core Wall Board

Don't make the mistake that many have made—to their sorrow. Compo-Board is *not* a name for any wall board—it is our *distinctive* product with the center core of kiln-dried wood slats.

As a wall-lining for houses it has withstood earthquake shocks, held fires in check, resisted moisture, kept out cold in winter and heat in summer and stood the test of time (in many houses for over 15 years).

On steamships it is the only wall lining outside of steel or wood panels that has stood the terrific strain of ocean travel.

In the manufacture of many articles it has proven the most satisfactory material.

Write for a sample and interesting booklet.

Sold by dealers in strips four feet wide by one to eighteen feet long.

The Compo-Board Company,
5787 Lyndale Ave. N.,
Minneapolis, Minn.

Golden Winesap

This is a new apple, but one that gives wonderful promise. Yellow and red, firm texture and fine flavor, crisp and juicy. Small core and a good keeper. Everyone speaks highly of it. Be sure to try some of these. See catalog for prices.

True Delicious apple. 10c each. Large fruit, of a beautiful dark red, in quality unsurpassed, in flavor sweet, slightly touched with acid, coming out of storage in April in perfect condition. It makes an ideal apple for the orchard. Very hardy. Other apple trees. Fruit trees, small fruits, and seeds of all kinds at wholesale prices. Reliable, hardy, western stock. Garden and flower seeds. Corn, clover, alfalfa and New Kherson Rust-Proof Oats. Write for free Tree and Seed Book.

GERMAN NURSERIES & SEED HOUSE
64 Court Street
St. Louis, Mo.

Fruit Trees That Grow

Write today for a pair of Mated Everbearing Strawberry plants. One large packet each of the new Cereals, Fertilizers, Sudan Grass and Silk Leaf Poppy seed, all free for testing. Send 10 cents for mailing expense, or not, as you please. We offer genuine Progressive Everbearing plants at 50c per dozen; 90c for 50; \$1.75 for 100; \$5.00 for 250, all postpaid. CATALOGUE FREE.

The Gardner Nursery Co., Box 410 Osgo, Iowa

Farm Truck Wheels

\$8.00 Per Set

Heavy steel wheel, stagger spokes, double tire, for 3 by 9 skel.

3/4 x 2 tire.....\$ 8.00 3/4 x 3 tire.....\$12.00
3/4 x 4 tire.....\$14.00 3/4 x 5 tire.....\$16.00

These prices good only while present stock lasts. Order now, your check will do. Write for bargain list.

THE RESCHKE MACHINE WORKS CO.,
Wichita, Kansas

Tanks That Last a Lifetime

Cost less and will outlast several steel tanks. Atlas Redwood Tanks made from other materials. Atlas Redwood Tanks keep the water warmer in winter and cooler in summer. Send for price list today.

ATLAS TANK MFG. CO., 1113 W.O.W. Bldg., Omaha, Nebraska

LEARN TELEGRAPHY

Students earn board while learning. A practical school with railroad wires. Owned and operated by A. T. & S. F. Ry. EARN FROM \$55 to \$165 PER MONTH. Write for catalogue.

Santa Fe Telegraph School,
Desk 1, 505 Kansas Ave., Topeka, Kan.

Free Catalog

h. colors explains how you can save money on Farm Truck or Road Wagon, also steel or wood wheels to fit any running gear. Send for it today.

Electric Wheel Co.,
30 Elm St., Quincy, Ill.

Three Dolls Free

The Dolls Won't Break

Dollie Dimple is over 2 feet tall; very like a real baby in size. She can wear baby's clothes. She will sit or stand as you want her to. The two smaller dollies are Dolly Dimple and Dora Dimple. We want to give this doll family to a little girl—each home that receives this paper; or to some reader who will give it to a little girl friend. All three dollies are on one large sheet of heavy cloth ready to sew up on machine and stuff. So simple anyone can do it in 10 minutes' time.

How to Get These Dollies Free

Send us a yearly subscription to *Capper's Weekly* at the regular rate of 50c, and these three dolls, one big one and two smaller ones, will be sent by return mail.

CAPPER'S WEEKLY, Doll Dept. 4, Topeka, Kansas

Sunday School Lesson Helps

BY SIDNEY W. HOLT.

Lesson for December 17. The Holy City. Rev. 21:1-4, 22-27.

Golden Text. Behold, the tabernacle of God is with men, and He will dwell with them, and they shall be His people. Rev. 21:3.

In this vision of the new heaven and the new earth, we find St. John still using symbols to make himself understood by the churches. To us the vision is a realization of the prayer Christ taught his disciples:

Thy Kingdom come
Thy will be done
On earth as it is in heaven.

God certainly has given us some glimpses of this new heaven in our natural desire for a life after this, and in the briefness of this life as a training for something more vast. Heaven can't really be any limited place. It is far more likely to be a spiritual state of limitless space and bigness of character that embraces the whole universe of God's mighty world. Death cannot change character. All the moral and mental power that one has gained becomes a preparation for the work of larger and greater opportunities. The change that death brings in our life is like the planted seed which transfers its life from the darkness of the earth to the sunlight of usefulness and joy. With the coming of Christ came all the forces that make heaven what it is—the mightiest love of God.

The sea is a type of perpetual unrest, and to the ancients was a turbulent, unfriendly monster. It symbolizes the political tumults to which they were subjected and its absence means the unruffled state of genuine peace which shall be obtained in the new heaven.

The symbol of the bride is a type of the most perfect mutual love and attractiveness. Nearly all ancient cities were surrounded by walls as a means of protection. In this city of God the wall signifies the preciousness of those who love and seek to do His will. A gate is a means of entrance, and those who are true citizens of a city come and go at will for they belong there. The open gate is a royal welcome. The 12 gates are in a way representative of the 12 tribes. We have what is termed the Divine number, three, multiplied by the world number four, giving us the 12 foundations.

The non-measuring of the outer courts of a temple implied its being used for secular and heathen desecration. As the heavenly city is measured with a golden reed in every part, it shows God's guardianship of its entire consecration.

At nightfall the large gates to a city were closed and anyone entering came thru a small gate opening in the large one, called the needle's eye. But these gates are to be open always. No night implies a freeness from the darkness of sin. It does not mean we shall be robbed of the night's starry beauty and wonder, but just its blackness and terrors of unseen dangers and death. These open gates are Christ's welcome and invitation to "Come unto Me" in this Holy City.

Figuratively this vision of the City of God is the making of any Christian city. The sphere of Christianity is the working life of the world, it is a religion of cities. It has to deal with actual problems and humanity in her work-a-day dress. City life is human life at its most intense stage, and so to John in his God-given vision the likeliest thing to Heaven was just a city, a city so holy that a temple was unneeded.

A river runs thru this city with such purifying water that it quenches the thirst of the soul and gives life. It is the symbol of the Holy Spirit, flowing from the unfailing fountain of God's throne.

This symbol of the new paradise, in the water of life is the fulfillment of an old oriental legend. An angel gave a mysterious power to a fountain so that wherever any of its drops fell upon the earth's dry face a new fountain gushed forth, thus making it possible for a traveler to cross any desert safely no matter how wide or dry. He carried with him the secret of unfailing springs and comfort for others who might follow in his footsteps.

All cities begin with an individual and St. John startles us a little when we realize that his perfect saint is a perfect citizen, and that the three essentials for

a citizenship in this holy city are truth, righteousness and love.

Bishop Brooks tells us that a Christian city is a believing city—a humanity created by God, redeemed by our Savior, His Son, inspired and directed to indefinite futures by the Holy Spirit, and thus we find that the old Hebrew conception of a holy city is not a vain dream.

Come to Mohler's Meeting

BY CHARLES DILLON

If one-half the persons invited by Secretary Mohler should attend the 46th annual meeting of the state board of agriculture January 10-12, that intellectual feast would have to be given on the state house grounds. Ten thousand invitations were sent out last week to farmers—not men who own farms but live in town. And every one of the 10,000 certainly ought to be present. Timely subjects of interest to the farmers of Kansas will be discussed. The new Farm Loan Act, about which so much has been said for and against, will be explained thoroughly by one of the members of the Farm Loan Board, the member appointed from Kansas, Charles E. Lobdell. Other subjects that will be taken up are the Federal Reserve Act with respect to its bearing on agricultural interests, state and county fairs, crops, dairying, the farm flock, the need of making the farming fit the country, rural permanency, rural organization, distribution and marketing, relation of transportation to agriculture, roads, and other matters.

Farmers do not attend enough of such meetings, and until they do attend and inject themselves into the proceedings they ought to be prohibited by law from complaining about adverse conditions which they might do so much to improve. The world's most important developments have been brought about thru talk, thru men's getting together and discussing things face to face. Public opinion is formed in just that way.

But aside from any other consideration a farmer ought to visit the state's capital occasionally, and what better time could be chosen than January? The legislature will be in session then, presenting to the visitor an excellent view, at close range, of the big machine which grinds out the laws and grinds up the money. Come and see it operate.

"The state board of agriculture," says Secretary Mohler's invitation, "is one of your institutions. It is one of the oldest. This is its 46th annual meeting. We want you to get better acquainted with it and use it. Attend this year's meeting. You will find it worth while. Then, you will come again. It should be mutually beneficial. We want to know you better and we want you to know us better. Come and bring your wife. If you haven't a wife, come anyway. It will pay."

A Tooth is Giving the Trouble

I should like to know what to do for a 2-year-old colt that has a swelling on his jaw. This began to swell a year ago. I opened it last March, and let out a lot of very offensive matter. The sore has been running ever since. The sore is on the point of the jaw bone. We had a veterinarian look at it, and he said it was honeycombed jaw bone. He gave us some green tablets to rub on the sore, but they do not do any good—G. P.

I am satisfied that the swelling of the jaw observed in your colt is due to a decaying tooth. The chances are that the trouble is caused by the sixth molar. In a 2-year-old animal the sixth molar still is embedded 'thin the jaw bone and has not made its appearance in the mouth. This makes the treatment of the condition difficult. In fact a major surgical operation is necessary. This consists in cutting thru the thick muscle on the outside of the jaw then removing a plate of bone and prying the tooth out of position. During this operation the nerve supplying this tooth should be deadened by the injection of a local anesthetic. As long as the tooth is not removed the opening on the outside will not heal up.

Dr. R. R. Dykstra.

Kansas State Agricultural College.

A White 'Possum

I have a snow-white opossum that I got out of a hole this morning. Nobody around here ever saw or heard of a 'possum like it. I have it in a barrel. It is a female. If anybody has a snow-white male I will pay him a good price for it.

Robert Moore.

R. 1, Wells, Kan.

Scythes, pitchforks and axes lying about the barnyard signify trouble and sorrow.

Magazines at Bargain Prices

ART PICTURE WITH FRAME FREE



One Remittance and the Work is Done

This is a splendid opportunity to order your favorite magazines and to renew your subscription to this publication. Best of all we have arranged so you can send us your order for all the publications you want in one order at greatly reduced prices. With each clubbing offer we include free a lovely miniature Art Picture in beautiful colors in a neat gilt frame, size 2x2 1/2 inches.

Art Picture in Frame Free

The miniature pictures we give free with these wonderful bargain clubbing offers are neat, artistic and make lovely ornaments for the home and are excellent for gift purposes. The picture is in beautiful tints and colors in a lovely gilt frame. Don't miss this grand opportunity to get this real work of art without a cent of cost to you. Safe delivery guaranteed. Mail us the coupon today. You will never regret it.

BARGAIN OFFER NO. 1	
Farmers Mail and Breeze \$1.00	All One Year for only \$1.80
Modern Pricilla..... 1.00	
Woman's World..... .35	
McCall's Magazine..... .50	You save \$1.05

BARGAIN OFFER NO. 2	
Farmers Mail and Breeze \$1.00	All One Year for only \$1.40
McCall's Magazine..... .50	
Today's Magazine..... .50	You save 60c

BARGAIN OFFER NO. 3	
Farmers Mail and Breeze \$1.00	All One Year for only \$1.50
Today's Magazine..... .50	
Boys' Magazine..... 1.00	
Household..... .25	You save \$1.25

BARGAIN OFFER NO. 4	
People's Popular Monthly \$.25	All One Year for only \$2.25
McCall's Magazine..... .50	
Farmers Mail and Breeze 1.00	
Reliable Poultry Journal..... .50	You save 75c

BARGAIN OFFER NO. 5	
Household..... .25	All One Year for only \$1.75
Country Boy..... .25	
Farmers Mail and Breeze 1.00	
Modern Pricilla..... 1.00	You save 75c

BARGAIN OFFER NO. 6	
Farmers Mail and Breeze \$1.00	All One Year for only \$1.45
People's Home Journal..... .50	
Woman's World..... .35	
Every Week..... 1.00	You save \$1.40

BARGAIN OFFER NO. 7	
Farmers Mail and Breeze \$1.00	All One Year for only \$1.95
Boys' Magazine..... 1.00	
Modern Pricilla..... 1.00	
Home Needlework..... .75	You save \$1.80

BARGAIN OFFER NO. 8	
Household..... .25	All One Year for only \$2.00
Farmers Mail and Breeze 1.00	
Metropolitan..... 1.50	
Ladies' World..... 1.00	You save \$1.75

Free McCall Pattern

To introduce McCall Patterns, The McCall Company allows each subscriber for McCall's MAGAZINE to choose from her first copy of McCall's any one 15 cent McCall Dress Pattern FREE. Send free pattern request to McCall's Magazine, New York City, giving Number and Size, with 2-cent stamp for mailing. McCall's Pattern given only with clubs containing McCall's Magazine.

NOTE—If you do not find your favorite club in this list, make up your own combination of magazines and write us for our special price. We can save you money on any of the magazines above providing they are clubbed with our publication. New, Renewal or Extension Subscriptions Accepted.

Use This Coupon

Farmers Mail and Breeze, Club Dept., Topeka, Kan.

Gentlemen: Enclosed find \$..... for which please send the magazines listed in Offer No..... to the following name for one year and Art Picture free.

Name.....
Town..... State.....

What Shall I Do, Doctor?

BY DR. CHARLES LERRIGO

I have read that a New York doctor advises people to spray the throat and nose two or three times a day with an antiseptic powder mixed up in solution so they won't take la grippe. Do you think the plan is harmless?

J. L. C.

I see no harm in it, but I will admit that I don't expect to follow any such practice myself. I shall dress sensibly, take plenty of outdoor exercise, try not to overwork, sleep well, bathe every day, eat to satisfaction rather than repletion, trust in the Lord and keep my antiseptic powder dry.

I have a way of breaking up a cold in my head and lungs that I thought you may advise me about. I take an atomizer and put in it a solution of about 4 to 1 dioxigen and breathe the spray, if for a cold in the chest, or if cold is in my head I exhale the fine spray thru my nostrils like smoke. This has worked like a charm in breaking up a cold but I didn't know but there may be some detrimental features to it.

R. W. L.

I see no harm in the practice so long as you use the solution in a fine spray at reasonable temperature. While dioxigen is not a very powerful germicide it undoubtedly would have some beneficial effect and would be quite safe if not used in a harsh spray.

Earache.

My boy has a running ear following earache. How often should I syringe it? Is once a day enough?

J. D. L.

No. Don't syringe it at all. The discharge indicates a ruptured ear drum. If let alone it has a good chance to heal, but the use of a syringe breaks down the repair tissue.

About Asthma.

I want to know what is good for shortness of breath or asthma. I keep books mostly, get out and work some; enough for an appetite; but can scarcely do so.

W. E. M.

True asthma is a nervous disease, but your symptoms lead me to suspect a condition known as "cardiac asthma" which is a very different matter. If this is the case, any treatment you receive should be directed to the heart. While true asthma is benefited by plenty of exercise, the reverse probably would apply in your case, and a short period of absolute rest cause marked improvement.

Neuralgia.

I have suffered at intervals for eight years with a form of neuralgia known as the douloureux. I have tried all manner of drugs but the most any of them do for me is to deaden the pain for a little while. The doctors here speak in a vague kind of a way about some operation that might cure it, but when I tell them to go ahead and operate none of them seems willing. What can I do to keep from going crazy?

MRS. A. H.

The douloureux is very different from an ordinary neuralgia and very much worse. Ordinary remedies seem to do very little for it. I know of one or two cases where very good results were obtained by injecting alcohol into the nerve. It is an operation that any careful doctor can do, and if successful it gives relief for a long time. The operation your doctors speak of is no doubt that which contemplates removal of the part of a very important nerve center known as the Gasserian ganglion. This is a very delicate operation and the ordinary surgeon is wise in refusing to attempt it. If your doctors cannot help you by injecting alcohol into the nerve let me know, and I will give you the address of a surgeon who will undertake the major operation.

Cramps in Legs.

I am troubled with cramps in my limbs, from my knees down, so bad that some nights I have to get on the floor from six to eight times; my hands cramp also. My feet, when walking, feel like sticks instead of feet. I am bothered some with my kidneys. Are the cramps caused from something like diabetes or is it in the nerves, or impure blood? What can I do to remedy it, if anything?

L. H.

You do not tell me much about yourself—age, weight, previous history, so it is not an easy matter to interpret your symptoms for you. They cause me to suspect a serious ailment of the nervous system, however, and I think you should seek medical treatment at once.

G. A. B.

Uterine misplacement does not usually justify an abdominal operation, and certainly not the removal of the pelvic organs. It often happens, however, that the misplacement is caused by a fibroid tumor. When the surgeon comes to operate he discovers the tumor and may be obliged to remove the uterus in order to

give relief. That however would be no excuse for removing healthy ovaries. A good surgeon removes no organs unnecessarily, and indeed he may be made to pay heavy damages if he does such a thing without the express consent of patient or guardian. You are getting near the change of life. If you can get along thru the few intervening years it may bring you relief. If you are too miserable to wait, consult a reliable surgeon and you will be well treated.

Looking to the West

In looking over the field of politically dead and dying, and the triumphant, one can but see that the Republican party in 1920 must, if it expects to have any hope of success, go to the West for its candidate.

There is one man who looms up at this distance, and at this time, and that is Governor Capper of Kansas, who carried his state, and was re-elected governor by 162,491 majority while Wilson carried it by 36,932.

It really looks good for Governor Arthur Capper at this time, and that he will make a strong candidate in the West goes without saying. He is a progressive Republican, and a man of the highest type and character with an official record clean and untarnished, and is close to the common people.

The only hope of Democrats will be to take a Western man, or a man the West may select, a man who is progressive like Wilson and has a record clean and clear for progressive democracy.—Montgomery, Alabama, Journal.

Be Careful Whom You Pay

The attention of city marshals and subscribers is again called to the fact that they should be careful to whom they pay their subscriptions for the Daily Capital and the Farmers Mail and Breeze. There are still a few dishonest solicitors in Kansas. The following district managers are alone authorized to solicit subscriptions. Do not pay subscriptions to anyone except those whose names are mentioned below.

Allen, E. Conard;	Lyon, C. H. Drehmer;
Anderson, _____	McPherson, Geo. McClellan;
Atchison, J. H. Brown;	Marion, Walter Wright;
Barber, _____	Marshall, A. Vickland;
Barton, Charles Schick;	Meade, _____
Bourbon, J. M. Watson;	Miami, A. H. Dodge;
Brown, B. M. Butters;	Mitchell, L. N. St. Cyr;
Butler, Thos. Tunstall;	Montgomery, G. L. Mur-
Chase, Walter Wright;	phy;
Chautauqua, G. E. Mur-	Morris, Walter Wright;
phy;	Morton, _____
Cherokee, A. D. Hull;	Nemaha, _____
Cheyenne, _____	Neosho, B. Y. Edelen;
Clark, _____	Ness, W. T. Coolidge;
Clay, H. E. Ackenbaugh;	Norton, _____
Cloud, L. N. St. Cyr;	N. ½ Ossage, W. E. Bush;
Coffey, _____	S. ½ Ossage, M. D. Duffey;
Comanche, _____	Osborne, J. E. Glash;
Cowley, Walter Mathews;	Ottawa, J. E. Glash;
Crawford, C. J. Siple;	Pawnee, _____
Decatur, G. E. Wray;	Phillips, _____
Dickinson, J. E. Glash;	W. ½ Pottawatomie, B. F.
Doniphan, W. P. Kellogg;	Sweet;
Douglas, W. H. Vaughn;	E. ½ Pottawatomie, John
Edwards, _____	E. Davis;
Elk, G. L. Murphy;	Pratt, _____
Ellis, Thomas Gibbs;	Rawlins, _____
Ellsworth, E. E. Jones;	Reno, J. K. Herron;
Finney, W. Loewenthal;	Republic, E. V. Nelson;
Ford, D. W. Stratton;	Rice, J. K. Herron;
Franklin, A. H. Dodge;	Riley, B. F. Sweet;
Gary, B. F. Sweet;	Rooks, _____
Gove, A. K. Trimmer;	Ryan, W. T. Coolidge;
Graham, H. M. Shaw;	Russell, Thomas Gibbs;
Grant, _____	Salline, C. G. Leander;
Gray, J. K. Herron;	Scott, W. Loewenthal;
Greeley, W. Loewenthal;	Sedgwick, D. R. Hawley;
Greenwood, C. H. Drehmer;	Seward, Geo. Carter;
Hamilton, W. Loewenthal;	S. ½ Shawnee, W. E.
Harpur, E. N. Pugh;	S. ½ Shawnee, H. J. Har-
Harvey, D. R. Hawley;	grave;
Haskell, _____	Sheridan, A. K. Trimmer;
Hodgeman, _____	Sherman, _____
Jackson, John E. Davis;	Smith, _____
Jefferson, M. F. Gleim;	Stafford, O. L. Vanzant;
Jewell, E. V. Nelson;	Stanton, _____
Johnson, W. H. Vaughn;	Stevens, _____
Keary, W. Loewenthal;	Sumner, Thos. Tunstall;
Kinzman, E. N. Pugh;	Thomas, _____
Kiowa, D. W. Stratton;	Trego, H. M. Shaw;
Labette, M. C. Harrison;	Wabunsee, W. E. Bush;
Lane, W. T. Coolidge;	Wallace, B. O. Brown;
Leavenworth, H. J. Har-	Washington, W. A. Scruby;
grave;	Wichita, W. Loewenthal;
Lincoln, E. E. Jones;	Wilson, Karl F. Spellman;
Linn, E. B. Harris;	Woodson, E. C. Ball;
Logan, B. O. Brown;	Wyandotte, H. J. Hargrave;

Lost—By the Express Company

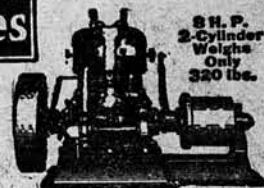
A subscriber in Oklahoma shipped a coop of chickens in September. The chickens were lost. He wrote to the Farmers Mail and Breeze, complaining that his letters to the claim agent had been ignored, and asking what to do, but he forgot to sign his name. We suggested in the issue of November 25, that he talk to his county attorney.

This piece came to the attention of James F. Lytle, Topeka, Kan., of Wells Fargo & Co. If there is a claim against Wells Fargo & Co., Lytle wishes to give the matter immediate attention. We suggest that our subscriber send his name and address, and full particulars of the chicken shipment to Mr. Lytle at once.

High prices demand greater economy in production. The big waste which has been a part of Kansas farming for so many years must be reduced.

Cushman Light Weight Engines

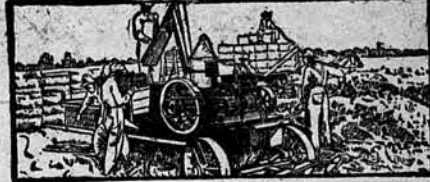
These are the all-purpose farm engines, for farmers who want an engine to do many jobs in many places instead of one job in one place. Built light, built tight. Weigh only about one-fifth as much per horsepower as ordinary farm engines, but so well built and carefully balanced and governed that they run even more steadily and quietly. No loud explosions, no fast-and-slow speeds, like old fashioned heavy-weights, but steady and quiet running like automobile engines.



8 H. P. 2-Cylinder Weighs Only 320 lbs.

4 H. P. Hand Truck Outfit. Easy to pull around from job to job. Same engine used on Binder.

6 H. P. mounted on hay press. Also used on Corn Pickers and for all other farm work.



Before buying any engine ask these questions:

1. How much does it weigh? If it weighs more than 60 pounds per horsepower—why? The old-time argument was that heavy weight was necessary to keep it steady; but if an engine is properly balanced, it doesn't need pig iron to hold it down.

2. Is it Throttle Governed? A throttle governor insures steady, quiet and economical power.

3. Does it have a good carburetor? The Cushman has the Schebler. Many manufacturers of farm engines won't pay the price for a good carburetor, as they think the farmer doesn't know the importance of it.

Cushman engines are not cheap, but they are cheap in the long run. If you want an all purpose engine, that will run for years without trouble, write for our free Light Weight Engine Book.

CUSHMAN MOTOR WORKS, 814 NO. 21st St., Lincoln, Nebr.

Throttle Governed—Steady and Quiet

Do Your Own Mending

WITH A SET OF THE "ALWAYS READY" COBBLER'S TOOLS



This handy shoe repair outfit was made especially for home use. With the aid of these tools you can easily do any kind of shoe repairing at a great saving of time and expense. The outfit comes securely packed in a box and consists of the following: Iron stand for lasts; one each 9 in., 7 1/2 in., 5 1/2 in. lasts; shoe hammer; shoe knife; peg awl; sewing awl; stabbing awl; one package of heel nails; one package of clinch nails; and full directions. A most complete and serviceable outfit which will always give satisfaction.

OUR OFFER: This cobbler's outfit may be had free all mailing charges prepaid by sending a one-year subscription to Mail and Breeze at \$1.00 and 25 cents to help pay packing and mailing charges—\$1.25 in all. Either new or renewal subscriptions will be accepted. Send in your subscription and remittance at once to

FARMERS MAIL AND BREEZE
Dept. C. O. 10. Topeka, Kansas.

Make Your Christmas Gifts Attractive

Christmas Package Free—Send For It Now

The Christmas season will soon be here. Everybody will be using Christmas Cards and package stickers. These Christmas novelties will add to the pleasure of your giving at Christmas time, and will readily change an ordinary inexpensive article of merchandise into a real Christmas Gift, carrying love, sentiment and good wishes with it and there is no end of fun in "doing up" the packages.

Add to the Holiday Cheer By Using Dainty and Appropriate Christmas Stickers, Seals, Cards, Labels, Etc.

The use of these Christmas Cards, Seals, Tags, etc., are just the thing to add holiday cheer to your gifts. Our assortment is the most complete ever offered. They are beautifully lithographed and embossed in colors. This package was collected especially for Missouri Valley Farmer readers. The number of packages we have contracted for is limited so you had better send in your order now and make sure.

Here's What You Get—52 Pieces 10 LEAF STICKERS, 16 Christmas Stamps, 2 Pastors (large), 6 Stickers (large), 8 Stickers (medium), 4 Gift Cards, 4 Gift Tags, 2 Post Cards.

Our Free Offer This entire collection sent you as a free gift if you will send us only 10c for a 3-months' subscription to our big monthly farm and story paper. The paper alone is well worth the price we ask, but in order to introduce it into new homes we will send this complete Christmas Package as a gift with new subscriptions. If you are already a subscriber you can send 10c to have the paper sent to a friend and we will send Christmas package to you.

Sign the Christmas Coupon Below

MISSOURI VALLEY FARMER, Dept. X26, Topeka, Kan. Gentlemen—Enclosed find 10 cents to pay for a 3-months' subscription to Missouri Valley Farmer. This also entitles me to the 52-piece Christmas Package as a free gift.

Name Town State R. F. D. Box

BE WISE TRAPPERS

Remember this—we pay higher prices for your furs than any other house—and **We Charge No Commission**

Send us a trial shipment today—let us prove our claims to you. Our higher prices, liberal grading and fair dealings have made us the fastest growing fur house in America. Send for FUR price list, Trappers' Guide, State Game Laws, with particulars of our great FREE GIFT to trappers.

HILL BROS. FUR CO. 368 N. MAIN ST. ST. LOUIS, MO.

FURS & HIDES ARE HIGH!

Get what they are worth this year! Deal with a Home-Western House, that Grades Liberally, Remits Quickly, and has Ample Capital. (Ask your bank). Try us. Valuable Illustrated Price-List and Tags for the asking. Get your name on our Season's Mailing List. Trappers' Guide on request. Big money trapping this year. Money-saving Tanning Catalogue sent free. Harness Leather exchanged for Hides. This is the House you've been looking for. Write

Lincoln Hide & Fur Co. 1004 Q St., Lincoln, Neb.

TRAPPERS!

Send for our special free price list before making shipment to anyone. When shipping to us you save the middleman's profit. We always guarantee entire satisfaction and quick returns, pay express charges and when so requested hold shipments separate for your approval of returns. Write at once for free price list. Fred White, the Kansas Fur Buyer, Beloit, Kan.

TRAPPERS WE BUY FOR CASH

And pay highest prices for Coon, Mink, Skunk, Possum, Muskrat, and all other Furs, Hides and Ginseng. Best facilities in America. Send for Free Price List and Shipping Tags. No commission charged.

ROGERS FUR COMPANY, Dept. 195 St. Louis, Mo.

TRAPPERS

BIG MONEY IN FURS

Learn how by reading our new book "Fur Facts." Write for it today. It's Free. Price List, Tags, etc., also Free.

Abraham Fur Co. 84 Abraham Bldg., St. Louis, Mo.

FURS

Ship Raw Furs and Hides to us. We pay higher prices than others because we are manufacturing furriers. Write for our price list that shows how much more we pay.

M. L. GLICKMAN & CO., Dept. D 155 West Second St., Des Moines, Iowa

WE BOTH LOSE MONEY IF YOU DON'T SELL YOUR HIDES

TO T.J. BROWN 126 N. Kansas Ave., TOPEKA, KANSAS

GREEN SALT CURED HIDES, No. 1, 25c HORSE HIDES (as to size) No. 1 \$8.00-\$8.00 No. 2, 24c (as to size) No. 2 \$5.00-\$7.00

Write for prices and shipping tags. Payments made promptly.

FURS—That's what we need

And are therefore paying Exceptionally High Prices.

Write for our Price List and Shipping Tags—Free on request.

Chicago Hide, Fur & Wool House

MANUFACTURING FURRIERS AND TANNERS

Douglas, Wyoming

THE LARGEST HOUSE OF ITS KIND IN THE WEST.

Biggs Pays Most for FURS!

Here's Biggest Money for your Furs and Hides—and quickest returns. Prices are away up and "Biggs at Kansas City" gives you most liberal grading and an honest deal.

"No Other House Would Pay as Much," writes Mitchell Carter, of Carbon, Texas. "I will always ship to Biggs."

The demand for furs and hides this season exceeds the supply. We need your furs and will pay you the price to get them, as over half a million satisfied shippers know. This is our 35th year of success. Ship to headquarters, save time and trouble, and get most money.

Biggs' Famous Bait is Guaranteed

"Possum in 25c and 50c sizes; all others 50c and \$1.00. 'Hunt no luck without Biggs' Animal Bait,' writes Karl Leskela, of Jackson County, Mississippi. 'It doubles my catch. A 25c bottle got me five coon the first night, next night four, and so on till I got fifteen. I shipped them all to Biggs at K. C.'"

FREE Write today for Free subscription to "The Trappers Exchange"—our monthly magazine. Full of stories of trapping and hunting adventure sent in by successful trappers everywhere. Best trappers' magazine published. Don't Delay—send name Now.

to increase your catch or we refund their cost. Skunk, Coon, Animal Bait. I shipped them all to Biggs at K. C."

RAW FUR PRICE LIST FREE

also Factory Price Catalog of Trappers' Supplies. Guns, Traps, Ammunition at actual factory cost. We'll include free catalog of Fur Goods and Tanning.

E. W. BIGGS & CO., Kansas City, Missouri.

TAYLOR

WILL PAY YOU MORE

for Furs. Prices high. Trapping season now on. Get busy at once. We furnish traps and supplies at lowest prices.

Write for new booklet, "Opportunities for pleasure and profit in trapping"—also shipping tags, price lists, etc.. **ALL FREE**

SHIP TODAY

F. C. Taylor Fur Co. 170 Far Exchange Bldg. St. Louis, Mo.

Why Don't You Tan Your Hides?

Don't sell your horse and cow hides. Write for our FREE FUR BOOK. Shows you how to save half on tanning. FUR COAT or ROBE. We tan hides and manufacture garments complete. Our BEST TANNING has become a by-word with thousands of farmers for honest work at honest prices. Send for catalog. Shows dozens of styles coats, robes, etc., made from hides and raw furs. Write for it today.

GLOBE TANNING & MFG. CO. 228 S. E. 1st St., Des Moines

SHIP US YOUR FURS

PLAY SAFE WITH YOUR SHIPMENTS

Man and Boy alike always get square deal from Lyon. Top prices paid since 1870. We want your name on our mailing list. Our new edition "Trappers' Guide" just out. It's FREE. Tells how, when and where to trap. Best secrets, quotations and tags mailed regularly FREE. Send name on postal today.

M. LYON & CO. 228 Delaware St. Kansas City, Missouri. Estab. 1870.

RELY ON LYON

Special Club Offer

Subscribe for These Three Big Publications NOW and Save Money. Club No. 100.

Farmers Mail and Breeze.....	\$1.00
Capper's Weekly.....	.50
Household Magazine.....	.25
Total value.....	\$1.75
Our special price.....	1.25
You save.....	\$.50

Capper Publications, Club Dept. 100, Topeka, Kan.

Gifts Children Can Make

Preparing for Christmas is Half the Fun. Boys and Girls Will be Busy the Next Two Weeks

THERE are many pretty things boys and girls can make for Christmas presents. It's just two weeks now



the birds will use it as a drinking cup as well as a bathtub. They appreciate a water supply in winter as well as in summer. Make things attractive for the birds in winter and early spring and you will have many of them with you.

For Boys Who Trap

Are you a trapper boy? If you are the Farmers Mail and Breeze wishes you to write a letter about some of your experiences in trapping. There will be a prize of \$1 for the best letter, 50 cents for the second best, and 25 cents for the third best. The letters must all be in the office by December 23. Address the Trapping Editor, the Farmers Mail and Breeze, Topeka, Kan.

The Lone Scout magazine asked its boy reads to write trapping letters and James Skarda wrote a good one. Here is his letter:

"The mink is a cunning and shrewd little animal. It will travel for miles in a single night. I have tracked them for miles and miles and then gone home without one.

"Minks are difficult for a novice to track on account of their circling and rambling in and out of every hole they come to. I remember one day last winter my brother and I went out after some mink. A light snow had fallen and made tracking good. We hit several large tracks and I tell you we surely had a time tracking this big fellow. He would dodge around here and there and go thru every hollow log and hole that he came to. We kept on following him, however, until we got 5 or 6 miles from the house and we then came to a large brush pile that helped to fill in a ditch, and the pile was so long and large that we lost him there, altho our dogs tried to get him.

"My best method of trapping the wise old mink is this: Go to a culvert at a railroad dump and make a narrow passage out of rock and chunks of wood, and set a trap at the narrow opening. If a mink runs thru the narrow ditch he will surely get caught, providing the trap is set correctly. Or go to a small wagon bridge along the road and set the trap close to the water's edge, or make a narrow passage as stated above, and you will catch some mink. I have caught many a wise old mink by these methods and by setting traps at the entrance of every hollow log I came to along the banks of streams."

Were You Born in December?

The astrologer says that all persons born between December 1 and December 20 are under the sign of Sagittarius, the archer. They possess good judgment, are successful in business matters and seem to find their greatest pleasure in work. They are progressive, enterprising and far-seeing. The women are good housekeepers and possess a great fondness for children. In personal appearance, persons under this sign are handsome with large expressive eyes. They are blunt in speaking and intensely honest. The astral colors of the sign are gold, red and green. The gems are carbuncle, diamond and turquoise. The governing planet is Jupiter.

All persons born from December 21 to December 31 come under the sign of Capricorn, the goat. Naturally they are inclined to study and many of the world's great thinkers, natural orators and teachers are found in their number. They are hard workers but success never comes until they have cultivated the power of concentration. They are wonderfully magnetic, noble, generous and loyal to friends, but chafe under restraint. The women are good housekeepers and providers. Music charms and entertains them but few musicians are found under this sign. The diseases most likely to afflict them are indigestion and melancholy. The sign is governed by Saturn, the gems are white onyx and moonstone, while brown, silver gray and black are the astral colors of this period.

Wanted—Food for the Birds

Don't forget to feed the birds these cold days. If you'll take the time each day to scatter a few scraps of food out of doors, you will have many delightful birds visiting you and entertaining you with their songs thru the winter.

If you begin feeding the birds you must see that they have food regularly, tho, because they become accustomed to having their wants supplied and depend upon it and would suffer and probably starve if they were forgotten or neglected for a short time.

Arrange a shelf out of reach of cats on which to place the feed. It may be placed in a tree, on the window sill or on the porch roof. If you put out the feed the same time each day the birds will soon learn when to expect it and will always be on hand at that time.

Table scraps of meat, vegetables and bread, chopped fine, are relished by the old birds and most kinds of grain, broken up or crushed, make good feed for the young birds. The favorite food, tho, is suet. A large piece may be wired or nailed in place so it may be picked at or it may be chopped fine and scattered on the shelf with the other food. Place a small basin of fresh water on the shelf and



For the Christmas Program

The Dear Old Traveler.

"I'll start as usual on my rounds," said dear Old Santa Claus;
 "To disappoint the little ones would break my kindly laws;
 But with autos on the roadway, and with airships overhead,
 I feel queer and antiquated with my reindeer and my sled."

'Tis exceeding strange how reckless all the people rush and go;
 But my reindeer still are willing, and their gait is not so slow;
 So I'll circulate, as usual, thru the country and the city,
 To disappoint the children now would be a dreadful pity!

And I know I'd be heartbroken if a Christmas came and went,
 And its hours of love and magic in retirement I had spent;
 So I'll load my sleigh with presents, and my furs I will put on,
 And I'll crowd the time with business from the curfew till the dawn.
 —Emma Lente.

Sitting Up for Santa.

I'm going to hang up my stockings,
 And then I'll sit here and wait,
 'Cause I want to see Mr. Santa
 If he doesn't come too late.

And then I am going to thank him
 For all the toys that he brings
 To me and everyone I know—
 Oh! such beautiful things!

I hope I don't get sleepy—
 It's nearly time for bed;
 I can't keep a—wake—any—longer—
 Mother—will—thank—him—instead—
 —Normal Instructor.

God Bless Us Every One.

"God bless us every one!" prayed Tiny Tim,
 Crippled, and dwarfed of body, yet so tall
 Of soul, we tiptoe earth to look on him,
 High towering over all.

He loved the loveless world, nor dreamed,
 Indeed,
 That it, at best, could give to him, the
 while,
 But pitying glances, when his only need
 Was but a cheery smile.

And thus he prayed, "God bless us every one!"
 Enfolded all the creeds within the span
 Of his child-heart; and so, despising none,
 Was nearer saint than man.

I like to fancy God, in Paradise,
 Lifting a finger o'er the rhythmic swing
 Of chiming harp and song, with eager eyes
 Turned earthward, listening—

The Anthem stilled—the angels leaning
 there
 Above the golden walls—the morning sun
 Of Christmas bursting flower-like with the
 prayer,

"God bless us every one!"
 —James Whitcomb Riley. Copyright by
 the Bobbs-Merrill Co.

Christmas in the Woods.

If you were having a Christmas tree
 In the woods where so deep is the snow
 That the squirrels and birds and rabbits
 and bears,
 Can scarcely tell how to go,

What could you hang on the branches
 Of the largest tree in the wood,
 To show them that Santa Claus thought of
 each one
 And knew that they'd tried to be good?

They would surely not wish for candy,
 Nor sleds, and you'd not put on light;
 For all of the creatures that live in the
 wood
 Go to bed when the sun sinks from sight.

The squirrels would be very happy
 A big basket of nuts to see,
 The rabbits should have a red apple
 Hanging low on their wonderful tree.

For the birds there'd be seed and more
 apple;
 And last, for the poor Teddy bear,
 Because naughty Goldenlocks broke his,
 There'd be a new rocking-chair.

And over it all strings of popcorn,
 Enough for each one for a treat;
 When they found their tree Christmas
 morning

Their joy would be surely complete.
 —Cornelia E. Osborn, in Normal Instructor.

Farm Leases too Short

Farmers living near Sedgwick heard some good addresses last week on land-owning and renting, dairying, and farm leases.

President Waters opened the campaign Wednesday with an address before the Sedgwick Farmers' club on "The Land-owner and His Tenant." President Waters advocated a form of lease whereby the landowner should share with the tenant the ownership of the livestock and the profits thereon. This, he pointed out, would accomplish two important results, keeping the tenant on the place and enabling him to go into the livestock business.

"Farm surveys made in Kansas, part of them in the vicinity of Sedgwick," said Doctor Waters, "show that the tenant farms more acres to the man than does the owner. The principal income of the tenant comes from the sale of crops, thus preventing the return of fertility to the soil and causing the land to wear out. Americans have always shown great ingenuity in wearing out soil but tenants have far exceeded the farm owners in this unfortunate practice. Wherever you find a community of renters you find a community of wasted soil."

The Vice-President of
 The National Refining Company
 wants to have a
Word with You
 —and it will pay you to read this

Farmers, Men of Affairs, Merchants, Manufacturers, Doctors, Bankers and General Business Executives—you men who are interested in Motor Cars, are certainly interested in what is the best oil to use for lubricating your Motor Cars and all Power Machinery.

I WANT to have a word of particular interest to you right now, because of widely published claims as to the superiority of this or that make of Oil or Gasoline, and because of almost universal advance in prices.

I'll make no claim whatsoever for En-ar-co National Carbonless Motor Oil and White Rose Gasoline that is not instantly and continuously provable. To establish in your mind the exclusive, superior qualities of En-ar-co National Carbonless Motor Oil and White Rose Gasoline, I know of no stronger statements that can be made than these:

—Most Perfect Lubrication
 —Greatest Power Per Gallon

We have continuously lubricated and supplied our products for every make of car, both American and European. We have lubricated every make of pleasure car built. We have lubricated every make of auto-truck built. For this purpose we have furnished En-ar-co National Carbonless Motor Oil and White Rose Gasoline, and in every instance we are advised by the owners that White Rose Gasoline furnishes more power, gives quicker life to the motor. En-ar-co National Carbonless Motor Oil lubricates smoother, causes less wear and less repair bills than any other motor oil. Back of this statement I claim that the proof is the fact that our sales on En-ar-co National Carbonless Motor Oil six months of the year 1916 have increased over one hundred per cent.

—Tremendous Growth in Sales
 —Twelve Million Gallons

Our sales have been 23,000 barrels of En-ar-co National Carbonless Motor Oil the past six months. Our sales of White Rose Gasoline have been twelve million gallons the first six months of this year. When I say this is one hundred per cent greater volume than last year, can I give you any more positive proof that the

people who, year after year, use and insist on getting White Rose Gasoline and En-ar-co National Carbonless Motor Oil want them and tell their friends about them because their *Quality* is proven in actual use?

—35 Years of Service

The National Refining Company has maintained its own private laboratories for a period of thirty-five years. This Company has always made greater progress in producing Quality Oils than any other refinery in the United States. White Rose Gasoline has been the highest priced Gasoline on the market for thirty-five years because the quality has always been so much superior to any other manufactured. And, when a perfect Oil was demanded for automobile lubrication, our laboratory worked for a period of two years to produce such an oil, and the evidence that we produced, superior quality is the fact that our En-ar-co National Carbonless Motor Oil is lubricating many thousands of all makes of cars and the owners re-order and say it is the Best Oil that they have ever been able to find, and regardless of price the most economical in every way.

James V. B. Trotter
 Vice President.

THE NATIONAL REFINING COMPANY
 General Offices, 1160 Rose Bldg., Cleveland, Ohio

National "Quality First" Products

National Carbonless Motor Oil

Proved highest quality by years of most practical tests and use. Guaranteed clean, clean, carbon-free. Lubricates perfectly without carbonizing. Guaranteed to eliminate costly repair bills, caused by friction, and to give perfect satisfaction in any make of automobile, motor boat or power engine. Try it.

White Rose Gasoline

Thousands of car owners refuse any other. Pure, dry, carbon-free gasoline. Every drop is power. Always uniform in quality. Insures continuous power—even pull—quick get-away—a silent, flexible power that means far greater mileage per dollar. Prove these facts easily by trying it.

National Light Oil

The bright-burning oil—the Al oil for lamps—no odor—no black chimneys. Best also for oil heaters; for the hot-weather oil cook stove; for incubators and brooders. Insist on getting this oil for most perfect satisfaction.

Black Beauty Axle Grease

Absolutely superior to any other and goes twice as far as ordinary grease. Won't spoil. Packed in useful galvanized pails. Friction-

free, wear-resisting. No compound to clog and gum. Wagons last longer and the load for the horse much lighter. Practical farmers everywhere refuse to use any other.

En-ar-co Tractor Oil

You need this especially made oil for modern tractors. Has proper body to lubricate most efficiently. Hundreds of farmers tell us they have never been able to match its quality. Try it, prove these facts to your lasting profit.

National Frictionless Compound

The leading grease for automobiles. Also for use in screw compression cups, crank pins, cross heads, valve motions, eccentrics, slides, pillow blocks, main journals, and in all heavy open bearings. Try it.

Write Today

(9)



For 35 Years—Always
 the Sign of Absolutely
 Unqualified Satisfaction

"Quality First"

**Sent
 FREE**

The National
 Refining Co.
 1160 Rose Bldg.,
 Cleveland, Ohio.

I own (give name above) _____
 automobile or tractor
 and inclose two 2-cent
 stamps. Send me Handy
 Oil Can FREE. Please give
 nearest shipping point in this
 state and quote prices on the
 items I have marked. I will be
 in the market about _____

I use _____ gallons gasoline per year.
 I use _____ gallons motor oil per year.
 I use _____ pounds axle grease per year.
 I use _____ automobile grease per year.
 I use _____ gallons kerosene per year.
 I use _____ gallons tractor oil per year.

My Name is _____
 R. F. D. _____ Postoffice _____ State _____

Tear or Cut Out—Mail Today

NOTE—This can will not be sent unless
 you fill out the coupon complete, please

"This cannot be altered, however, until the common form of farm lease is changed so that the tenant will raise livestock and will continue on one place for a long period."

"It has been noticed by investigators that the farm owner educates his children better, supports the church to a larger extent, and is in general a more progressive citizen. This is not the fault of the tenant. The owner does these things because he can do them. When we can make the tenant a more nearly permanent occupant of the farm, he will take the same attitude toward education, religion, and everything connected with enlightened citizenship that the owner takes."

Trapping Mink and Weasel

BY GEORGE J. THIESSEN
 Cedar County, Iowa

The mink is the hardest of all small fur bearers to take, and its pelt the most valuable. The natural haunts of this little animal are on meandering creeks, where plenty of protection is provided by the weeds and brush. The beginner should make all his sets in water whenever possible, for those on land will not,

as a general rule prove very successful.

Male minks are wanderers, sometimes traveling 5 or 6 miles in a single night. The females, however, confine themselves to a shorter route usually not longer than ½ a mile. The animals feed on fish, meat and clams. The carcass of a muskrat is an excellent bait. Instances have been known where cheese would attract them, yet in experimenting with it, I did not find it an effective decoy. Therefore, I would not advise the novice to use it for bait.

Search for signs of the animal about a flowing tile. Even if there are no tracks about, place a Hector trap (I recommend these because they are inexpensive and very effective) in the stream running from the drain. No bait of any kind is necessary, for sooner or later an animal will approach the tile—that is if there are any in the vicinity of your trapping ground.

If one will make artificial dens, about 18 inches deep, near the water line of a small creek, usually some of them will be used by mink. Traps placed at the entrances of them always bring good results. Den sets made of rocks may also be used to good advantage. The carcass of a muskrat is excellent for bait here.

Around old bridges, dens of minks frequently will be found. A further search usually will disclose slides leading into the water which these fur bearers use. Traps placed at the foot of these never disappoint the pelt hunter.

The mink, even on the coldest days, enters the water. Chop a small hole in the ice, where there is little or no current and the stream or lake is shallow. Thru this hole, drop a bag of coarse salt, arranging a Sabo trap directly over it. The water, if the weather is not too cold, will not freeze. A mink passing will dive into the hole and if the set has been arranged properly, will be taken. Sets made on land ought to be constructed as carefully as possible. Gloves must be employed to handle the traps. If possible, always drench them with water after they have been put in position.

The weasel is easier to take than the mink. Its fur, however, is not of so much importance to the pelt hunter, owing to the fact that most of the skins are stained or brown. Only prime hides bring good prices. The best skins come from Canada and Alaska. Make sets in pens, using a dead chicken or rabbit for bait. Use several traps, each concealed carefully. Plowed fields are excellent places to trap animals.

FARMERS' CLASSIFIED ADVERTISING

Rate: 5 cents a word each insertion for 1, 2 or 3 times. 4 1/2 cents a word each insertion for 4 CONSECUTIVE times. IT GIVES RESULTS.

Count each initial, abbreviation or whole number as a word in both classification and signature. No display type or illustrations admitted.

ANCONAS.

ANCONA COCKERELS \$1.50; FOUR FOR \$5.00. O. E. Gould, Blue Rapids, Kan.
CHOICE ANCONA COCKERELS \$2.00, three \$5.00. O. L. Burnett, Council Grove, Kan.
MOTTLED ANCONA COCKERELS \$2.00, Three \$5.00. Mrs. Mary Bates, Dighton, Kan.
WANTED—SOME FANCY MOTTLED ANCONA cockerels. F. W. Felten, R. F. D. No. 1, Topeka, Kan.

ANDALUSIANS.

GOOD QUALITY BLUE ANDALUSIANS, cockerel for sale \$3.00. Mrs. C. W. Parks, Eureka, Kan.

DUCKS.

PEKIN DRAKES \$1.00 EACH. ALBERT Stahl, Louisburg, Kansas.
PEKIN DRAKES AND DUCKS 90¢ EACH. Parker Chase, Kingman, Kan.
MAMMOTH PEKIN DRAKES \$1.25. DUCKS \$1.00. Mrs. Jno. Eubanks, Holton, Kan.
500 DUCKS, ROSEN, MUSCOVY, RUNNERS, and Pekin. Fred Kucera, Clarkson, Neb.
WHITE RUNNER DUCKS, BERRY STRAIN, either sex, \$1.00. Chas. McFadden, Morland, Kan.
FAWN AND WHITE INDIAN RUNNER ducks \$10.00 per dozen. Mrs. Robt. Greenwald, Blackwell, Okla.
DOMESTICATED MALLARD DUCKS. Great layers, easier to raise, only few left. Gray Levett, Wilson, Kan.
TWO HUNDRED FAWN RUNNER DUCKS, \$1.00 each. Prize winners. Good layers. Mrs. Ben Miller, Newton, Kan.
FAWN INDIAN RUNNER DUCKS BY hundred or smaller lots, \$1.00, \$1.50 each. Mrs. E. C. Wagner, Holton, Kan.

GEESSE.

EXTRA LARGE, PURE BRED TOULOUSE geese \$2.50 each. Trio \$7.00. Ed. Sheehy, Hume, Mo.

HAMBURGS.

SILVER SPANGLED HAMBURG COCKERELS for breeding. Single and Rose Comb, \$1.50 to \$2.50. Mrs. Herman Ryser, Agenda, Kansas.

HOUDANS.

FINE HOUDAN COCKERELS, \$2.00 EACH if taken soon. Mrs. Nellie Ekart, Manhattan, Kan., No. 5.

LANGSHANS.

FINE BLACK LANGSHAN COCKERELS. Martha Haynes, Grantville, Kan.
BLACK LANGSHANS, UTILITY AND fancy cockerels and pullets. H. Osterfoss, Hedrick, Iowa.
GOOD BLACK LANGSHAN COCKERELS \$1.50 each until Dec. 15th. Mrs. Geo. W. King, Solomon, Kan.

LEGHORNS.

SINGLE COMB WHITE LEGHORNS, ALEX Spong, Chanute, Kan.
FINE SINGLE COMB WHITE LEGHORN cockerels \$1 each. J. Stulp, Hartford, Kan.
ROSE COMB BROWN LEGHORN COCKERELS 75¢ each. Fred Chlen, Miltonvale, Kan.
SINGLE COMB WHITE LEGHORN COCKERELS \$1.00. Mrs. Ennefer, Pleasanton, Kan.
S. C. WHITE LEGHORN COCKERELS (Young strain). G. D. Willems, Inman, Kan.
FANCY S. C. BUFF LEGHORN COCKERELS \$1.00 each. Earl Miller, Mooreland, Okla.
S. C. WHITE LEGHORN COCKERELS, \$1 and \$2 each. Mollie McBride, Mankato, Kan.
FANCY ROSE COMB BROWN LEGHORN cockerels \$1.00 each. W. Giroux, Concordia, Kan.
ROSE COMB BROWN LEGHORN COCKERELS 90¢ each. Albert Stahl, Louisburg, Kansas.
PURE ROSE COMB BROWN LEGHORN COCKERELS, 6 for \$5.00. Bertha Fortney, Clyde, Kan.
100 ROSE COMB BUFF LEGHORNS, HENS \$1.00. Cockerels \$1.50. Goldenrod Poultry Farm, Mesa, Colo.
BRADSHAW-YESTERLAID SINGLE COMB White Leghorn cockerels, \$1.00, \$2.00. Clyde Rees, Emporia, Kan.
CHOICE TANQUENT SINGLE COMB White Leghorn cockerels \$3.00. Lloyd Souders, Manhattan, Kan.
PURE BRED SINGLE COMB WHITE LEGHORN cockerels. Young strain. 6 for \$5.00. Ola Willour, Ransom, Kan.
GOLDEN BUFF LEGHORN COCKS AND cockerels, bred to lay stock, \$1 to \$5 each. Pearl Haines, Rosalia, Kan.
FOR SALE—ROSE COMB WHITE LEGHORN hens \$7.00 per doz. Cockerels \$1.00 each. Stella May, Speed, Kansas.
SINGLE COMB BROWN LEGHORNS. Cockerel and pullet bred cockerels \$2 each. Utility birds \$1. Jno. Perry, Selma, Iowa.
SINGLE COMB WHITE LEGHORN COCKERELS, Barron-Welch egg laying strain, \$1.00 up. Mrs. Will Wedd, Oak Hill, Kan.
FOR SALE—S. C. W. LEGHORN COCKERELS. Scored by Judge E. C. Branch. Score card with each bird. Score from 90 to 93%. Price \$1.50 up. E. L. M. Benfer, Leona, Doniphan Co., Kansas.

LEGHORNS.

SINGLE COMB WHITE LEGHORN COCKERELS \$1.00 each. Orders booked for eggs. Baby chicks. Write. A. Pitney, Belvue, Kan.
200 SINGLE COMB BROWN LEGHORNS for sale. Both matings and utility stock, from \$1.00 up. G. F. Koch, Jr., Ellinwood, Kan., R. No. 3.

MINORCAS.

BLACK, WHITE AND BUFF MINORCAS. Breeding stock cheap. C. H. Bartholomew, Wichita, Kan.

ORPINGTONS.

PURE BRED S. C. BUFF ORPINGTON cockerels \$1.50. Mrs. E. B. Johnson, Netawaka, Kan.
FINE WHITE ORPINGTON COCKERELS—some from winners—two to five dollars. Mrs. Helen Lill, Mt. Hope, Kan.
BUFF ORPINGTON PULLETS \$10 PER dozen, cockerels \$1.00 each. W. E. Bonneau, Concordia, Kan., R. No. 1.
SINGLE COMB BUFF ORPINGTON COCKERELS, utility and fancy, \$1.00, \$1.50, \$1.50, express prepaid. Mrs. P. Dick, Meade, Kan.
PURE BRED BUFF ORPINGTON COCKERELS, some from winners, one to three dollars. Mrs. Harriet Newell, Manhattan, Kan.
WHITE ORPINGTON COCKERELS, FROM matings especially bred for egg production. \$2 to \$5 each. J. H. Lansing, Chase, Kansas.
MILLER'S BUFF ORPINGTONS. WON 1ST prizes at Topeka State Fair, 1915 and 1916. Cockerels from trap nested layers \$2.00 to \$5.00. Alvin Miller, Overbrook, Kan.
PURE BRED SINGLE COMB BUFF ORPINGTON cockerels and cocks from laying strain and prize winning stock. These are extra nice birds. Write for prices. Mrs. Perry Higley, Cummings, Kan.
CLOSING OUT SALE OF MY WHITE Orpingtons. Ill health compels me to reduce my stock. Good value in pullets, cocks, cockerels, or pens. Write for prices quick. Mrs. J. C. Vincent, Jamestown, Kan.
SINGLE COMB BUFF ORPINGTON SHOW and utility stock. Prices right if taken soon. Satisfaction guaranteed or money refunded. Write for prices. Pleasant Hill Poultry Farm, Ellinwood, Kan., R. No. 3.

PLYMOUTH ROCKS.

BUFF ROCKS. WILLIAM A. HESS, Humboldt, Kansas.
WHITE ROCK COCKERELS \$1.00 EACH. Cora Stephenson, Argonia, Kan.
MAMMOTH SNOW WHITE ROCK COCKERELS. Charles Vorles, Wathena, Kansas.
PURE BRED BARRED ROCK STOCK FOR sale. Mrs. H. A. Morgan, Jarbola, Kan.
FINE BARRED ROCK COCKERELS \$1.25. W. Speelman, Marysville, Kansas, R. No. 2.
WHITE ROCK COCKERELS, EXTRA FINE ones, \$2.00 each. M. J. Benson, Humboldt, Kan.
WHITE ROCK COCKERELS, EXTRA FINE ones, \$2 each. Mrs. E. E. Williams, Sabetha, Kan.
WHITE ROCKS, SIZE AND QUALITY, priced reasonable. Write G. M. Kretz, Clifton, Kansas.
PURE BRED BARRED ROCK COCKERELS and pullets, six for \$5.00. Bertha Fortney, Clyde, Kan.
PLYMOUTH ROCKS. PURE BARRED Rock cockerels \$2 to \$5. Mrs. H. G. Hallway, Fowler, Kan.
COOPS OF 4 CHOICE BARRED ROCK cockerels \$5.00. Inspection invited. J. M. Jarvis, Newton, Kan.
RINGLET BARRED ROCKS. PULLETS \$1.00, cockerels \$2.00 each. J. F. Harris, Rt. No. 3, Spearville, Kan.
WHITE ROCKS. COCKERELS, BEAUTIES, prize winners, farm raised. Cheap. Mrs. Ben Miller, Newton, Kan.
LARGE WHITE ROCK COCKERELS \$1 and \$1.50 each. White guineas \$1 each. A. T. Garman, Courtland, Kan.
FOR SALE—TOP NOTCH BARRED ROCK cockerels \$2 to \$5. Guaranteed satisfaction. James H. Parsons, Quinter, Kan.
FINE LARGE BRADLEY STRAIN BARRED Rock pullets \$1. Cockerels \$2. From prize winners. Nora Hill, Cambridge, Kansas.
PURE BARRED ROCK COCKERELS. From prize winning stock. Farm raised. \$1.50 each before Jan. 1st. Mrs. H. Buchanan, Abilene, Kan.
FINE LARGE WHITE ROCK COCKS, cockerels, hens and pullets, Ivory strain. 30 prizes at Wichita and Burden last year. H. Hicks, Cambridge, Kansas.
ARISTOCRAT & BRADLEY BARRED Rock cockerels of prize winning stock. Good size, shape and barring. Etta Pauly, Junction City, Kan., R. D. No. 4.
WEIGHER-LAYER-BARRED PLYMOUTH Rocks, cockerels \$3.00 to \$5.00. Pullets and hens \$2.00 to \$5.00. C. F. Fickel, Earlton, Kan. Successor of W. C. Opfer, Clay Center, Kan.
RINGLET BARRED ROCKS. LARGE early hatched cockerels that will give satisfaction \$1.50 and up. Mrs. W. E. Schmittendorf, Vassar, Kan.
BARRED ROCKS. PULLETS BRED, either sex \$1 each or \$10 per dozen. Cockerel bred direct Thompson stock, either sex \$5. Mrs. A. Anderson, Greenleaf, Kansas.
F. W. HALL, LONE WOLF, OKLA. BARRED Rock specialist. Winings at three leading shows: Hobart, Okla.—1st, 2nd, 3rd, 4th cockerel. 1st, 3rd pullet. 1st pen. 2nd, 3rd cock. Silver cup. Frederick, Okla.—1st, 3rd, 4th pullet. 3rd, 4th hen. 2nd pen. 4th cock. 2nd cockerel. Gold Special Oklahoma City—1st pullet bred pen. 5th exhibition hen. 5th cockerel bred hen. 200 c's and pullets for sale. Prices right.

PLYMOUTH ROCKS.

LINDAMOOD'S BARRED ROCK COCKERELS are better than ever, nicely marked, strong boned. Order now for the coming season. Prices \$3 to \$5 each. Sent on approval. C. C. Lindamood, Walton, Kan.
WHITE PLYMOUTH ROCKS. EXTRA large, fancy shape, pure white hens, cockerels and pullets for sale. Write Originator of White Ivory strain. Chas. C. Fair, Sharon, Kan.
CLOSING OUT SALE A. H. DUFF'S BIG type Barred Rocks. Account death of Mr. Duff we are closing out entire flock Barred Rocks. Exceptional values in cockerels, pullets, breeding pens. Write for prices quick. Charles Duff, Larned, Kansas.

RHODE ISLAND REDS.

R. C. RED COCKERELS. MRS. JAS. Crocker, White City, Kan.
ROSE COMB RED COCKERELS, BOSTON stock, \$2 to \$3 now. John McCrory, Sterling, Kan.
THOROUGHbred ROSE COMB RED cockerels \$1.00 each. O. T. Livengood, Natoma, Kan.
ROSE COMB RHODE ISLAND REDS, choice cockerels at \$1 and \$2. Mrs. C. D. Wood, Elmdale, Kan.
LARGE DARK ROSECOMB REDS, COCKERELS, pullets, bargains. Sunnyside Farm, Havensville, Kansas.
S. C. RED COCKERELS \$2.50, \$3.00, \$5.00, \$7.50 and up. Sold on approval. Thos. D. Troughton, Wetmore, Kan.
CHOICE DARK RED S. C. COCKERELS. \$1.00 and \$2.50. Satisfaction guaranteed. B. W. Stewart, Talmage, Kan.
ROSE COMB RED COCKERELS AND PULLETS, \$1.00 to \$3.00. Cock bird scores 92, 100.00. Andrew Ketter, Kelly, Kan.
PURE BRED SINGLE COMB RHODE ISLAND Red cockerels \$5, \$7, \$8. Maple Hill Poultry Farm, Lawrence, Kan., R. No. 6.
WELL MATURED R. C. REDS, Sired by Vibert egg blood, good size and color. Will score well. \$1.50 to \$5. Earl Clayton, Americus, Kan.
FOR SALE—ROSE COMB RHODE ISLAND Red cockerels and pullets. Prices reasonable considering quality. Mrs. C. H. Jordan, Wakarusa, Kan.
EARLY HATCHED EXHIBITION AND utility Rhode Island Red Cockerels. Fourteen years' continuous breeding both combs. H. A. Sibley, Lawrence, Kan.
SINGLE COMB RED COCKERELS Sired by my first prize World's Fair cockerel, \$5.00. Guaranteed to please or your money back. H. A. Meler, Abilene, Kan.
BEAUTIFUL DARK VELVET ROSE COMB Red cockerels, Bean strain. Hatched from special matings. \$3.00 each. Satisfaction guaranteed. Mrs. Chancey Simmons, Route 3, Erie, Kan.
ROSE COMB RED COCKERELS OR PULLETS \$2.50. Bred from prize winners big shows in Kan., Missouri and Okla. Blood red with beautiful luster. Red eyes and red pigment on legs. Three firsts at State Fair this fall. R. W. Baldwin, Conway, Kan.

RHODE ISLAND WHITES.

ROSE COMB RHODE ISLAND WHITES, winners, dandy cockerels. \$1.50 and \$2.00. Oscar Duke, Chillicothe, Tex.

TURKEYS.

MAMMOTH WHITE HOLLAND TOMS \$4.00. Chas. McFadden, Morland, Kan.
BOURBON RED TURKEYS CHEAP FOR quick sale. Wilbur King, Cullison, Kan.
BOURBON RED TURKEYS. TOMS \$4.00. Hens \$3.00. J. F. Harris, Spearville, Kan.
MAMMOTH BRONZE TURKEY HENS AND toms, satisfaction guaranteed. Geo. Jones, Uniontown, Kan.
FOR SALE—PURE BOURBON RED TURKEYS. Toms \$4.00, hens \$3.40. Robert Vanek, Green, Kan.
FOR SALE—MAMMOTH WHITE HOLLAND TOMS. Sired by 47 lb. tom. Mrs. Harry Wylie, Garfield, Kan.
UNUSUALLY WELL MARKED BOURBON Red toms \$4 to \$5. Hens \$3 to \$3.50. V. E. DeGeer, Deerhead, Kan.
BOURBON RED TURKEY TOMS, EXTRA large stock. Old tom weight 44 lbs. Price \$4. S. Peltier, Concordia, Kan.
THOROUGHbred BRONZE TURKEYS. From state show winners, cheap until January. E. Biddleman, Kinsley, Kan.
TURKEYS—THOROUGHbred BOURBON Reds. Early spring hatched. Toms \$4. Hens \$3. E. V. Eller, Dunlap, Kan.
PURE WHITE HOLLAND TURKEYS. Bargain prices until Christmas. Toms \$4.50. Hens \$2.75. Mrs. Ellis Paramore, Delphos, Kan.
MAMMOTH WHITE HOLLAND TURKEYS from 35 lb. toms and 17 lb. hens. Write me at once, going fast. C. G. Cook, Lyons, Kan.
PURE BRED BOURBON RED TURKEYS. Toms \$4.00. Hens \$3.00. Beautifully marked. Mrs. R. E. Weeks, Phillipsburg, Kan., R. No. 4.
MAMMOTH BRONZE TURKEYS. YOUNG toms \$5.00. Hens \$3.00. Or \$10.00 per trio, if taken at once. Ewing White, St. Francis, Kan., R. No. 4.
BOURBON RED TOMS: THE SIZE, DARK body, white tails, that will improve your flock. Free catalog with prices. Mrs. Clyde Meyers, Fredonia, Kan.
THOROUGHbred MAMMOTH BRONZE turkeys for sale. Extra large bone. First prize winners. Shipped on approval. W. H. Streeter, Dighton, Kan.

WYANDOTTES.

WHITE WYANDOTTE COCKERELS. H. O. Collins, Fontana, Kan.

WYANDOTTES.

GOLDEN WYANDOTTE COCKERELS, \$1 to \$3. A. E. Roark, Scott, Kan.
CHOICE BUFF WYANDOTTE STOCK. John P. Ruppenthal, Russell, Kan.
FINE BUFF WYANDOTTE PULLETS cheap. Mrs. Lucy Lowe, Pierceville, Kan.
PARTRIDGE WYANDOTTE COCKERELS for sale. E. E. Grimes, Minneapolis, Kan.
SILVER WYANDOTTE COCKERELS FOR sale. Henry Brunner, Rt. No. 5, Newton, Kan.
SILVER LACED WYANDOTTES. CHOICE utility cockerels \$1.50 each. J. L. Benson, Osburg, Kan.
PARTRIDGE WYANDOTTES. PREMIER strain. Pullets \$1.00 each. DeBusk Bros., Macksville, Kan.
EXTRA FINE BRONZE WINNING WHITE Wyandotte cockerels at Ideal Poultry Farm, Concordia, Kan.
PURE BRED WHITE WYANDOTTE COCKERELS, \$1.50 and \$2.50 each. Mrs. R. T. Wright, Grantville, Kan.
THOROUGHbred ROSE COMB WHITE Wyandotte cockerels, \$1.50 and \$2.00. Henry S. Voth, R. 2, Goessel, Kansas.
SILVER LACED WYANDOTTE COCKERELS, pure bred, \$1 to \$2 each. Write for circular. Satisfaction guaranteed. S. B. Dressler, Lebo, Kan.
WHITE WYANDOTTES. HENS AND PULLETS \$1 to \$2. Cocks and cockerels \$2 to \$5. Bred from special mated prize winners. Plocks White Wyandotte Farm, R. No. 3, Clay Center, Kan.

SEVERAL VARIETIES.

TOULOUSE GEESSE. WHITE GUINEAS. Emma Ahlstedt, Roxbury, Kan.
BARRED ROCK COCKERELS AND PURE Bourbon Red turkey toms. G. C. Rhorer, Lewis, Kan.
FINE LARGE SILVER WYANDOTTE cockerels, Tarbox, Hubbard strains, \$1.00 to \$3.00 each. Choice M. B. turkeys, \$5.00 each. Mrs. B. P. Anderson, Trousdale, Kan.

POULTRY WANTED.

WE PAY HIGHEST PRICES FOR CHICKENS, turkeys, ducks and guineas. Coops loaded free. Address Edw. E. Witchey, Topeka.
EVERY KIND DOMESTIC FOWL WANTED for Christmas trade. Prompt, reliable, "firm with a conscience." Coops, prices upon request. "The Copes," Topeka.

PET STOCK.

SCOTCH COLLIES. WESTERN HOME Kennels, St. John, Kansas.
FOR SALE—10 FOX-HOUND PUPS. PRICE \$12.00 per pair. E. B. Benton, Arcadia, Kan.
FOX-TERRIERS, 7 WEEKS OLD. MALES \$10. Females \$5. Chas. Mitchell, 455 Wallace, Kansas City, Mo.
ONE TRAINED RUSSIAN WOLF HOUND, also young dogs and puppies. All full blood. Satisfaction guaranteed. George Hineman, Dighton, Kan.

SEEDS AND NURSERIES.

FANCY HULLED SWEET CLOVER SEED. Alex Spong, Chanute, Kan.
WANTED—WHITE SWEET CLOVER AND Sudan seed. J. D. Rhinard, Ada, Okla.
BLACK HULLED WHITE KAFFIR. IN the head \$2.50 per bu. of 70 lbs. Sacks free. H. W. Chestnut, Kincaid, Kan.
KAFFIR SEED, BLACK HULLED WHITE, well matured, re-cleaned and graded. Will all grow. 4c per lb. J. C. Lawson, Pawnee, Okla.
FANCY SWEET CLOVER SEED, PURE white, hulled, re-cleaned, price ten dollars per bushel F. O. B. Florence, Kansas. Fancy alfalfa seed, re-cleaned for eight dollars and forty cents per bushel, will ship by freight or express, will not ship less than sixty pounds. Reference Florence State Bank. J. F. Sellers, Florence, Kan.

LIVESTOCK.

100 NATIVE BRED EWES FOR SALE. B. E. Miller, Newton, Kan.
CHOICE ABERDEEN ANGUS BULLS, ready for service. Alex Spong, Chanute, Kan.
BEAUTIFUL SHETLAND STALLION priced right if taken soon. Henry Wells, Colony, Kan.
A BARGAIN—ONE REGISTERED PERCHERON stallion and 3 Jennies. W. M. Dice, Tecumseh, Kan.
FOR SALE—ONE PERCHERON STALLION, one Jennet, one extra good reg. jack and big type Polands. Geo. Morton, Oxford, Kan.
2 HIGH GRADE GUERNSEY COWS, 3 yearling heifers, 2 heifer calves, 1 young bull and 2 bull calves. Dr. E. G. L. Harbour, Baldwin, Kan.
REGISTERED AYRSHIRE HERD BULL from Manhattan college herd, a fine individual; also some young stock. G. F. Mather, Burdett, Kan.
BIG TYPE POLAND CHINA BOARS. FINE individuals. Weight 125 to 140 lbs. \$20 f. o. b. express office. Parties wanting gilts bred to farrow in Mar., April or May. Write for prices. Ewing L. White, St. Francis, Kan.

LIVESTOCK FIRMS.

SHIP YOUR LIVE STOCK TO US—COMPETENT men in all departments. Twenty years on this market. Write us about your stock. Stockers and feeders bought on orders. Market information free. Ryan Robinson Com. Co., 425 Live Stock Exchange, Kansas City Stock Yards.

TOBACCO.

4 LB. PACKAGE FINEST GREEN RIVER Long Green Natural Leaf Tobacco, in the hand, \$1.00 prepaid by parcel post in 1st to 6th zones. Beyond 6th zone 3 lbs. for \$1.00. State whether wanted for chewing or smoking. Satisfaction or money back. Green River Tobacco Co., Box 103, Owensboro, Ky.

Additional Classified Ads

LANDS.

FOR SALE. IMPROVED 240 ACRES IN Jewell Co., at \$35.00 per acre. J. H. King, Cawker City, Kan.

400 ACRE FARM, IMPROVED, 3 MI. FROM town, priced to sell. T. L. Crabb, owner, Attica, Harper Co., Kan.

FREE GOVERNMENT LAND, 300,000 ACRES in Arkansas open for homesteading. Send 50c for revised township map of state and copy Homesteaders Guide. L. E. Moore, Little Rock, Ark.

SMALL MISSOURI FARM. \$10 CASH AND \$5 monthly; no interest or taxes; highly productive land; close to 3 big markets; write for photographs and full information. Munger, C-143 N. Y. Life Bldg., Kansas City, Mo.

CHOICE REPUBLIC CO. LAND FOR SALE. 200 acres choice upland. Fine state cultivation, fenced 1200 rds. new woven wire, 4 1/2 mi. market, 60 acres new seedling alfalfa. Going to mountains for few years and want to sell. H. A. Bushby, Rydal, Kan.

320 ACRES WALLACE CO., KAN. 70 CULTIVATED, 300 tillable, 2 miles Wallace, 7 miles Co. seat, on U. Pacific, good 7 room house, barn 48x24, loft 10 tons, grain bins below. Well, windmill. Shallow water. \$4800.00, mostly cash. F. D. Howell, Sharon Springs, Kan.

320 ACRES LEVEL, ALL TILLABLE, RICH black loam; good wheat, barley, corn, millet and cane land; 170 acres in crop this year; 30 acres of winter wheat goes with the place; improvements a small stone house; only \$10 per acre; positively no trade; cash and terms. Owner, G. Ziegler, Oakley, Kan.

THE SOUTH FOR FARM PROFITS. Southern lands are low in price—give large yields of corn and other grains, grasses and forage crops, all kinds truck, grow fine fruit. You can get good lands in healthful location where climate is pleasant and works for you, where two and three crops grow annually, for \$15 to \$50 an acre, according to improvements. Great opportunity for general farmers, stock raisers, dairymen, poultry raisers, fruit and truck growers. Information on request. M. V. Richards, Ind. and Agr. Commr., Room 36 Southern Railway, Washington, D. C.

PROSPERITY IN CANADA—THOUSANDS of farmers in Western Canada have sold their crops this year for more than the total cost of their land. Land at \$15 to \$30 an acre has produced crops worth \$40 to \$75 an acre. Stock raising and dairying are equally profitable—hogs and beef highest in country's history. Irrigation districts producing more alfalfa and fodder crops than ever before. Get your farm home from the Canadian Pacific Railway. Last year I asked you to take advantage of this opportunity—you might have paid for your farm with the 1916 crop—again I extend the invitation. Good land from \$11 to \$30 per acre; irrigated land from \$35; 20 years to pay; government guarantees land and water titles. Pay in full at any time if desired. We will lend you up to \$2,000 in improvements in certain districts, with no security other than the land. Ready-made farms sold on special easy terms. Loan for live stock after one year's occupation, subject to certain reasonable conditions explained on request. Low taxes; no taxes on improvements. Free schools; full religious liberty; good climate, and the best neighbors in the world. Other farmers becoming rich in Western Canada; you have the same opportunity. Buy direct from the Canadian Pacific Railway. Write for free book and full information. J. S. Dennis, Assistant to the President, Canadian Pacific Railway, 14 Ninth Avenue, Calgary, Alberta, Canada.

FARMS WANTED.

WANTED—EQUIPPED FARM IN NORTH or Northwestern Kansas, to farm on shares. Box 13, Agricola, Kan., R. 1.

FARMS WANTED—HAVE 7,000 BUYERS; describe your unsold property. 506 Farmers' Exchange, Denver, Colo.

IF YOU WANT TO SELL OR EXCHANGE your property, write me. John J. Black, Desk 9, Chippewa Falls, Wis.

I HAVE SOME CASH BUYERS FOR SALEABLE farms. Will deal with owners only. Give full description, location, and cash price. James P. White, New Franklin, Mo.

FOR SALE.

10-16 CREEPING GRIP TRACTOR. LEVI Holl, Russell, Kan.

FOR SALE—SEVERAL SMALL FARM tractors from \$140 up. S. B. Vaughan, Newton, Kansas.

ALMOST NEW DAIN HAY BALER WITH motor. Good as new. A bargain. G. W. Meyer, Hoxie, Kan.

TRADE LAND FOR SECOND HAND OIL tractor, cattle, horses or mules, farm machinery. C. Jury, Hartland, Kan.

GOOD TOWN PROPERTY, 5 ROOM HOUSE, 10 lots, good barn 24x30, other outbuildings. \$1800. Box 34, Zenith, Kansas.

MONEY IN BEES, THE PASTURE IS free. I have nicely equipped apiary of 80 swarms mostly 10 frame hives for sale. H. A. Bushby, Rydal, Kan., Republic Co.

FOR SALE—ONE 16 HORSE POWER GASOLINE engine on steel truck. Good as new. Also double seated, rubber-tired carriage for sale or trade. Make me an offer. H. W. McAfee, Topeka, Kan., Rt. No. 8.

LUMBER.

LUMBER DIRECT FROM MILL TO THE consumer. Send us your itemized bills for estimate. Mixed cars our specialty. McKee Lumber Co. of Kansas, Emporia, Kan.

CREAM WANTED.

CREAM WANTED—THE INDEPENDENT Creamery Company of Council Grove, Kansas, buys direct from the farmer. Write for particulars.

BEES AND HONEY.

BULK COMB HONEY, TWO FIVE-GALLON cans \$12.00. Extracted honey \$10.00. Single cans 25 cents extra. Bert W. Hopper, Rocky Ford, Colo.

PATENTS.

SEND FOR FREE BOOKLET, "ALL ABOUT Patents and Their Cost." Shepherd & Campbell, Patent Attorneys, 734A-8th St., N. W., Washington, D. C.

PATENTS SECURED OR ALL FEES RETURNED. Fortunes made by clients. Patents advertised free. Send data for actual free search. Books free. Credit given. E. E. Vrooman & Co., 855 F, Washington, D. C.

MEN OF IDEAS AND INVENTIVE ABILITY should write for new "List of Needed Inventions," Patent Buyers, and "How to Get Your Patent and Your Money." Advice free. Randolph Co. Patent Attorneys, Dept. 25, Washington, D. C.

IDEAS WANTED—MANUFACTURERS ARE writing for patents procured through me. Three books with list hundreds of inventions wanted sent free. I help you market your invention. Advice free. R. B. Owen, 34 Owen Bldg., Washington, D. C.

PATENTS—WRITE FOR HOW TO OBTAIN A Patent, list of Patent Buyers and Inventions Wanted. \$1,000,000 in prizes offered for inventions. Send Sketch for free opinion as to patentability. Our Four Books sent free. Patents advertised free. We assist inventors to sell their inventions. Victor J. Evans Co., Patent Attys., 825 Ninth, Washington, D. C.

FENCE POSTS.

FOR SALE: HEDGE AND WALNUT posts, carlots. H. W. Porth, Winfield, Kansas.

MALE HELP WANTED.

MOLER BARBER COLLEGE. OLDEST and cheapest. Men wanted. Write for free catalogue. 514 Main St., Kansas City, Mo.

SALESMEN WANTED FOR FRUIT AND ornamental trees. Experience unnecessary. Outfit free. Pay weekly. Carman Nursery Co., Lawrence, Kan., Dept. A.

NO STRIKE; 8 HOUR DAY. MEN EVERYWHERE. Firemen, brakemen, baggagemen, \$120. Colored porters. Experience unnecessary. 796 Railway Bureau, E. St. Louis, Ill. \$13.20 YEARLY BUYS OUR COMPLETE Protection Accident & Health Policy. No restrictions. Write giving age and occupation. H. P. Gates, Mulvane Bldg., Topeka, Kan.

BE AN AUTOMOBILE EXPERT. WE teach you by practical experience with tools. Write for free book today. Wichita Automobile School, 131 North Topeka Ave., Wichita, Kansas.

WANTED 500 SALESMEN TO SELL MAGIC Motor Gas. One quart price \$2.00 equals 50 gallons gasoline. Not a substitute. Greatest product ever discovered. Large profits. Auto Remedy Co., 824 Chestnut St. St. Louis, Mo.

AGENTS WANTED.

\$5000 LIFE INSURANCE, \$10,000 ACCIDENTAL death. \$25 weekly, sickness or accident. No restrictions. Write giving age and occupation. Gates & Smelser, Mulvane Bldg., Topeka, Kan.

MISCELLANEOUS.

SHEEP REVIEW, MONTPELIER, INDIANA, farmers' sheep paper. Special offer, one year 25c.

HAIR SWITCHES MADE FROM YOUR combings; prices reasonable. Mrs. Willie Breedlove, Florence, Ark.

WANTED—APPLICATIONS FOR LARGE ranch loans in Kansas and Texas. The Commerce Trust Co., Atchison, Kan.

HEAVES CURED OR MONEY BACK. Baird's Heave Remedy is guaranteed. Write Baird Mfg. Co., Box 201, Purcell, Okla., for particulars.

ROSS ROUP REMEDY DOUBLE strength. Guaranteed for roup, bowel complaint, sore head, etc. Trial package 20c postpaid. C. Ross, Kingfisher, Okla.

HAVE YOU OIL ON YOUR LAND? NEW book on oil and gas. Their surface indications, history, origin, and accumulation. Satisfaction guaranteed. 65 cents postpaid. Wilson Co., Houston, Texas.

THOUSANDS U. S. GOVERNMENT JOBS now open to farmers. Men and women. \$65 to \$150 month. Common education sufficient. Write immediately for list positions easily obtained. Franklin Institute, Dept S 51, Rochester, N. Y.

NEW 40-LB. FEATHER BEDS, \$8.25; 6-LB. pillows to match, \$1.15 per pair; new, live, clean feathers; best ticking; sold on money-back guarantee; write for free catalogue; agents wanted. American Feather & Pillow Co., Desk 228, Nashville, Tenn.

BIG WESTERN WEEKLY SIX MONTHS 25 cents. Biggest and best general home and news weekly published in the West. Review of the week's current events by Tom McNeal. Interesting and instructive departments for young and old. Special offer, six months' trial subscription—twenty-six big issues—25 cents. Address Capper's Weekly, Dept. W. A.-12, Topeka, Kan.

A Good Price for Corn

BY HARRY A. HUFF,
Dickinson County.

Most of the corn in this part of the state is husked. It has yielded from nothing to 30 bushels an acre. The corn on our place made an average of about 20 bushels to the acre. It is all husked and in the crib or sold. Corn has been selling for 85 to 90 cents a bushel, and we sold part of our corn right from the field. It is mighty nice to haul the corn right to the elevator and have it dumped and then drive back to the field for another load. It saves much hard work.

As soon as we got part of the corn field husked out, we started a team to plowing the corn ground. We cut the stalks with a stalk cutter, and then started a 16-inch sulky plow. We used three horses on the plow at first but as soon as we got all the corn husked, we

put on four. We are plowing the ground about 6 to 7 inches deep, and the plow covers the stalks and weeds in fine shape. We probably will put corn on the ground next year, either planting it on top with a planter or making furrows with a lister and then planting in the furrows. As I have been around over the county I find that there is a lot of fall plowing being done. One reason for this is that there was not a large corn-crop, and it did not take so long to husk it as usual, and the result is that the men have time for the plowing. Some of this land will be planted to oats next spring, and the rest of it to corn.

As you travel over the country you can see some of the results of the high price of wheat. On nearly every farm there is some building going on or else some repairing being done. Some of the men have bought automobiles and are building a garage, some are building additions to the house or a new house, and others are building barns and shelters for stock. When wheat sells for \$1.75 a bushel the farmers are going to spend that extra money in improvements or in buying something they need. Some of the farmers are sending their children to high school or else to college. This will result in making better men and women for the farms, and will show in increased happiness and prosperity in the years to come.

About Corn Smut

Unfortunately, there is no practical method of preventing corn smut. A seed treatment does no good because the smut itself is not carried on the grain, as it is in the case of wheat or oat smuts. Corn smut lives over winter in the soil and gains entrance to new plants by means of spores which pass from the soil to the tender parts of the corn plant where infections are started.

Where it is not too impracticable as in the case of small fields of sweet corn, the smut boils may be cut off before

More than anything else the American home needs the revival of the old-time household religion, the short family service of prayer, the invocation of the divine blessing at the family board. These simple and solemn observances of the old-fashioned American home injured nobody. Two or three times in every day they reminded every one of the higher life of the spirit, they steadied the young people and strengthened them in purpose and in character. They made their elders better and nobler men and women, and life more wholesome, happier and sane.

they break open, and then burned. This, of course, makes too much labor where the field is of any great size.

Rotation of crops is to be considered the most effective way of handling corn smut. A soil which is badly contaminated with smut can be sown to oats or wheat, or other crops for a period of two years and then followed again with corn. Very little if any, corn smut will persist in the soil for a longer time than this.

H. E. Vasey.

Colorado Agr. College.

Grain Crops in Europe

A cablegram to the Bureau of Crop Estimates, United States Department of Agriculture, from the International Institute of Agriculture, Rome, Italy, gives the production of wheat in Roumania as 78,521,000 bushels, or 87.5 per cent of last year's crop, and 89.4 per cent of a 5-year average; in European Russia (48 Governments), as 595,429,000 bushels, or 79.8 per cent of last year's crop, and 95.3 per cent of a 5-year average; in Egypt, as 36,544,000 bushels, or 93.3 per cent of last year's crop, and 105 per cent of a 5-year average; and the total production of wheat in Roumania, European Russia (48 Governments), Egypt, Spain, England, Wales, Ireland, Italy, Norway, Netherlands, Switzerland, India, Japan, and Tunis, is given as 2,225,541,000 bushels, or 72.5 per cent of last year's crop, and 92.7 per cent of a 5-year average.

The production of rye in European Russia (48 Governments) is given as 840,736,000 bushels, or 94.1 per cent of last year's crop, and 115.6 per cent of a 5-year average; and the total production of rye in Spain, Ireland, Italy, Norway,

Netherlands, European Russia, Switzerland, Canada, and the United States, as 936,952,000 bushels, or 94.4 per cent of last year's crop, and 114.8 per cent of a 5-year average.

The production of barley in Roumania is given as 30,039,000 bushels, or 103.5 per cent of last year's crop, and 120.2 per cent of a 5-year average; in European Russia (48 Governments), as 442,391,000 bushels, or 93 per cent of last year's crop, and 105.9 per cent of a 5-year average; in Egypt, as 13,183,000 bushels, or 95.9 per cent of last year's crop, and 112.1 per cent of a 5-year average; and the total production of barley in Spain, England, Wales, Ireland, Italy, Norway, Netherlands, Roumania, European Russia, Switzerland, Canada, United States, Japan, Egypt, and Tunis is given as 964,229,000 bushels, or 90.5 per cent of last year's crop, and 103.2 per cent of a 5-year average.

The production of oats in Roumania is given as 28,935,000 bushels, or 96.7 per cent of last year's crop, and 99.6 per cent of a 5-year average; in European Russia (48 Governments), as 870,328,000 bushels, or 95.8 per cent of last year's crop, and 104.6 per cent of a 5-year average; and the total production of oats in Roumania, European Russia (48 Governments), Spain, England, Wales, Ireland, Italy, Norway, Netherlands, Switzerland, United States, and Tunis, is given as 2,744,833,000 bushels, or 82.9 per cent of last year's crop, and 105.3 per cent of a 5-year average.

The production of corn in Italy is given as 78,738,000 bushels or 64.6 per cent of last year's crop, and 78.5 per cent of a 5-year average; and in European Russia (48 Governments), as 71,990,000 bushels, or 91.7 per cent of last year's crop, and 102.5 per cent of a 5-year average.

Good Feeding is Necessary

BY GUY M. TREDWAY
Allen County

To be successful with fall cows one must be a good feeder. This takes plenty of feed and a balanced ration. To get milk in winter, grain should be fed. With butterfat at 35 cents it can be fed with profit. If silage with fair corn in it is fed use enough bran and cottonseed meal or oilmeal to balance the ration. Where alfalfa is fed the bran ration may be largely reduced.

An extra oil can filled with gasoline is kept with the stationary engine. On cold mornings a tablespoonful of gasoline is squirted in the air passage of the carburetor. By the time the engine and shaft are oiled and a quart of warm water put in the cooling tank which was emptied the night before, the gasoline is vaporized and the engine starts about as well as in warm weather. Of course, the cooling tank must be filled with cold water as soon as the engine starts.

One brood sow developed during the summer the habit of getting out of the fence. She had never done so before and did not take other sows with her. However, it was enough to condemn her. When she reported a litter later with a litter of two pigs the death sentence was passed. Because she was a mature sow and had only two pigs they have made a rapid growth. Just now she is enjoying life immensely on dollar corn. Fortunately she was a grade sow, one of the few remaining. All will be gone before long.

The fall pigs on this farm are being pushed more vigorously than ever so they will have the best possible start before cold weather. The larger a pig is the more body heat it will develop, and this is of importance in keeping pigs growing in the winter.

Two cows that had been purchased were dehorned today. When our calves reach the age of 2 weeks their horns are gone. This is more humane and less expensive than dehorning later.

As fast as manure accumulates it is taken to the field. The ground is hard, which makes the spreader pull easier, all the value of the manure goes into the land instead of leaching away, and there is no long job of hauling as some farmers have every fall. Also a second handling of the manure is saved. The chicken and hog houses are not overlooked when we have the spreader in use. Both are kept clean, and the hogs and poultry are much less likely to get disease.

Grackles and blue jays often destroy eggs and nestlings of other birds.

Additional Land Bargains

TEXAS

CHEAP VARIETY LANDS. Write your wants. Boyd & Mason, Decatur, Texas.

ALFALFA, hogs, corn, dairying, on irrigated farms. Northwest Texas. No floods, no droughts. Good climate, good schools, good roads, good water, good soil, good markets, good neighbors. Easy terms. Write to me about this land. Stevens A. Coldren, 601-4 Gloyd Bldg., Kansas City, Missouri.

PANHANDLE AGRICULTURAL LAND. We have hundred thousand acres of heavy, black, silty loam land, located in Lipscomb, Ochiltree and Hansford Counties, for sale, to actual farmers, in tracts of 160 and 320 acres. Small cash payment and liberal terms. Farmers in this section making money growing small grain and breeding and raising hogs and cattle. Write us for full information. We will gladly answer. Newman McNabb Land Co., Ochiltree, Texas.

MONTANA

FOR SALE:—Wheat land and ranches in Montana. Cheap. Write for lists. L. C. Arnold & Co., St. Joseph, Mo.

FLORIDA

TO SETTLE AFFAIRS of company will sacrifice 16,640 acres, admirably situated for cattle purposes. All kinds of forage, fruit and truck crops can be raised. Conveniently located between Miami and West Palm Beach; on canals and near railroad. Price \$10 acre, reasonable terms, might consider sub-dividing. Pasture all year round. Full information A. W. Cain, 1010 Blsbee Bldg., Jacksonville, Florida.

NEW YORK

FARM 216 acres, Central New York; running water; good buildings; 1 mile from Railroad town with graded schools. \$35 per acre. Egbert Marks, Cherry Valley, Otsego Co., N.Y.

IOWA

HAVE 150 ACRE FARM near Hamburg, Fremont County, Iowa, to trade for Kansas, Missouri or Oklahoma farm. Price \$135 per acre; mortgage \$8,000, 5 years, 6 per cent. Write Chandler Campbell, Hamburg, Ia.

FARM LOANS

FARM AND CITY MORTGAGES a specialty. Write us if you wish to borrow. Perkins & Co., Lawrence, Kan.

ILLINOIS

FOR BARGAINS IN ILLINOIS FARMS, Address S. H. Morton & Co., St. Louis, Mo.

It is Not Foot-and-Mouth Disease

(Owing to the fact that this paper is necessarily printed several days prior to the date of publication, this market report is arranged only as a record of prices prevailing at the time this paper goes to press, the Monday preceding the Saturday of publication.)

The decision of Washington experts that the cattle under quarantine in the Kansas City yards are not afflicted with foot-and-mouth disease, but have a comparatively harmless mouth infection, stomatitis, has greatly relieved livestock men. Officials of the bureau of animal industry and of the state livestock sanitary boards have arranged for a complete clean up of the stock yards. Quarantine restrictions against the shipment of cattle have been removed; the provision will be made for disinfecting all cattle that pass thru the parts of the yards where there is any danger of carrying infection from the afflicted cattle.

The restricted movement of cattle last week, owing to an embargo prohibiting the removal of all livestock from the Kansas City stock yards, except for immediate slaughter in local plants, resulted in a decrease of 40,000 from the previous week and 15,000 from the corresponding week last year. The week's receipts, aggregating 29,900, consisted entirely of fat cattle and nearly reached the proportion of fat cattle supplies received before the quarantine was declared. Only thin stock grades were kept from the yards and in many cases diverted to other markets.

Irregular prices prevailed for fat cattle during the week, the choice to prime steers advancing 10 to 15 cents and the medium to common light-weights declining generally 15 to 25 cents. Prime light and weighty steers were scarce. The best here sold up to \$11.35. Before the middle of the week yard speculators, who had nearly 9,000 on hand, began to sort off the more fleshy kinds, which the killers took at prices sharply below cost, many as low as \$5 to \$5.50, which weakened the trade in the medium and lighter weight Westerns and ranges. There was a slight reaction to the late trade Friday from the low level Wednesday. Idaho steers sold up to \$7.85, Oregon at \$7.60, and Old Mexicos at \$5.45 to \$6.10.

Hog prices closed 5 to 10 cents lower than the preceding week, after a slow

and uneven trade. The decrease is partly due to the restricted quarantine, which prohibited the removal of hogs from the yards, except for immediate slaughter in local packing houses. This rule also prevented the operation of shippers and speculators and limited the competition to packers. The major portion of the arrivals ran to light-weights. The average weight in November was 172 pounds, against 194 pounds a year ago, and the lightest on record for the eleventh month of the year.

Receipts of livestock last week, with comparisons, are here shown:

	Last week.	Previous week.	Year ago.
Cattle—			
Kansas City	29,890	69,024	45,243
Chicago	56,000	86,000	61,000
Five markets	137,890	235,000	161,000
Hogs—			
Kansas City	61,511	75,145	64,771
Chicago	214,000	240,000	248,000
Five markets	461,000	539,000	458,000
Sheep—			
Kansas City	10,825	23,127	28,284
Chicago	81,000	83,000	76,000
Five markets	168,000	174,000	195,000

A combination of circumstances, the principal of which was the extreme high level of the market, resulted in a violent decline in wheat prices and a greatly unsettled trade last week. From the quotations of a week ago May wheat dropped 14 cents, July 16 cents and December 13 to 17 cents, the latter loss occurring in Chicago. From the extreme top prices of nearly three weeks ago there has been a decline of 25 cents in May wheat.

The primary reason for the decline is that prices reached such high altitudes as to discourage speculative holdings and make everyone in the trade very careful about taking any unnecessary risks. The market, consequently, was quickly responsive to depressing influences, which, in the main, were technical and temporary rather than affecting the broad general supply and demand situation.

Difficulty of obtaining adequate insurance on wheat in elevators at the present high prices, together with an acute railroad congestion which prevents free shipment of grain East after it is sold, and a scarcity of ocean steamers to carry grain to Europe, induced a good deal of selling of futures. Continued agitation against high prices, with threats of congressional action to prohibit exports, was another depressing influence. Sentiment was affected also by the fact that with five months of the crop year ended the visible supply is still 10 million bushels above the 10-year average for this time of year, and primary receipts continue on a scale large enough to suggest that the crop has been underestimated.

It is a curious situation. This country has sold all its theoretical surplus and foreigners are still buying, and yet the market is breaking because railroads can't supply cars fast enough to carry grain to the seaboard.

The railroad congestion is due chiefly to the scarcity of ocean vessels. Large quantities of grain are on track at exporting points and cars cannot be unloaded and returned because ships cannot be obtained fast enough to take the grain.

In view of the fact that the movement from the farms has been restricted for some time past by scarcity of cars, and many country elevators are full and unable to buy more from farmers, it would seem that there is no scarcity of wheat in the country districts.

The downturn in wheat prompted a good deal of liquidation of speculative holdings of corn, and the May price fell about 7 cents, making a drop of 11 cents from the top price of the season. Transportation difficulties affected corn prices as well as wheat. There was a large export inquiry but scarcity of cars and of ocean vessels prevented extensive business.

Wichita broomcorn prices follow: Prime whisik, 10@12c; choice green hurl, 10@11c; medium hurl, 9@10c; choice self-working, 9½@10½c; medium self-working, 9@10c; common self-working, 8½@9½c; sound common, 8½@9½c.

Large Wheat Acreage is Put In

A million more Kansas acres seeded to wheat than a year ago, is the report of B. J. Smiley, secretary of the Kansas Grain Dealers' association. Wheat is in excellent condition. Much plowing is being done this winter. Grain shipments still are delayed because of car shortage.

Crawford County—Fine winter weather. Corn about all gathered and yield is less than half a crop. Wheat doing well, but is making very little pasture. Plowing progressing nicely. Stock doing well.—H. F. Painter, Dec. 2.

Kearny County—Warm and dry weather the past three weeks. Stock of all kinds is doing well. Some blackleg reported among young cattle. Feed of all kinds high. Any kind of hay is selling for \$10 a ton. Butterfat 38c; eggs 40c.—A. M. Long, Dec. 2.

Elk County—Farmers are plowing and some threshing is being done. Stock is doing well on stalkfields. Many hogs are being shipped out at \$9 a hundred. Eggs 35c; butter 35c; corn \$1; turkeys 21c.—Mrs. S. L. Huston, Dec. 2.

Osborne County—Getting very dry, no moisture to amount to anything for three months. Wheat not showing up very well. Water is getting scarce, a good many hauling water for the stock. Lots of building being done.—W. F. Arnold, Dec. 2.

Pratt County—Our light corn crop is about all husked. The severe freeze a few weeks ago was rather hard on wheat. Not

much wheat pasture. Some ground has been blank listed for corn and fall plowing is being done for oats. There is some sickness among horses. Fat hogs and cattle are very scarce.—J. L. Phelps, Dec. 1.

Edwards County—Fine fall weather. The November freeze hurt the late sown wheat. Early wheat is still all right, but needs moisture as the ground is getting quite dry. Car shortage still continues and no wheat is being marketed. Price going down. Wheat \$1.55; corn \$1; butter 33c; eggs 40c.—G. A. King, Dec. 2.

Coffey County—Wheat is looking well. More plowing being done than usual as there is not much corn to husk and no kafir to top. Plenty of roughness. Hogs are getting scarce. Corn \$1.05; flour \$2.45 a sack; potatoes \$1.75; apples \$1.25; eggs 35c; butter 32c.—A. T. Stewart, Dec. 1.

Ellsworth County—Wheat does not look very well for this time of year. The ground is hardly moist enough to keep it alive. Most farmers are going to be short on feed if we do not have any wheat pasture. Hay sells well, and corn is a good price. Some farmers are shredding corn fodder.—C. R. Blaylock, Dec. 2.

Osage County—Wheat in good condition and three times as much sown as usual. Sudan seed turns out well and is free from other grains or weed seeds which did not ripen. It also made good hay, while millet beside it failed entirely. Much Sudan will be planted here next year. Kafir exhausts the soil too much. Stock looking well, but rough feed is scarce. Corn is \$1 a bushel; cream 35c; butter 32c; eggs 36c.—H. L. Ferris, Dec. 1.

Salline County—We are having exceptionally fine fall weather. Only one cold snap so far. Plenty of moisture in ground. Wheat was nipped some by cold snap, but not hurt to speak of. Very few cattle on full feed, corn too high at 90 cents to \$1. Hogs are less plentiful than usual, for the same cause. No cholera around here. Hogs sell for \$9.25 local market; wheat \$1.60; oats 62c; eggs 36c; butter 30c; alfalfa hay in good demand, best \$10 a ton. Horses are slow in selling.—John Holt, Dec. 4.

Pawnee County—A good rain is needed badly. Some of the volunteer wheat is badly hurt by the dry weather and hard freeze. Much stock has been taken off the wheat pasture. Feed is not any too plentiful. A great deal of building is being done on the farms. Farm butchering has been started. Lots of poultry was sold for the Thanksgiving trade at fair prices. Hens 9c to 11c; turkeys 18c; geese 10c. Hogs are scarce and worth about 9c. Not much wheat being marketed as the price does not suit and there is a shortage of cars.—C. E. Chertman, Dec. 2.

Better Get a Veterinarian

I have a mare 17 months old that is not doing well. She weighs 700 pounds, has never been bred, and has been in heat for the last two weeks. She throws off what seems to be pus. She is fed alfalfa hay, straw and silage, and eats well. She does not gain in flesh. C. B.

Your mare probably is affected with pus in the uterus. This condition will produce sterility and sufficient irritation so that the animal possibly will manifest almost continuous heat. A careful examination of the generative organs of this animal will disclose the exact location of the pus. Many times the uterus can be caused to evacuate its purulent contents by introducing the hand into the rectum and carefully massaging the uterus from front to back. If this is kept up for 15 to 20 minutes it will cause a relaxation of the neck of the uterus and a contraction of the uterine walls followed by expulsion of the contents. In other cases the neck of the uterus is sufficiently large so that the cavity may be flushed out successfully with some mild, lukewarm, non-irritating antiseptic such as a ½ per cent watery solution of carbolic acid. These treatments must be kept up until all discharge ceases. In view of the fact that this work is quite technical in character I should advise the employment of a competent graduate veterinarian.

Dr. R. R. Dykstra.

Not Grand Champion Hamp

The committee which awarded the trophy at the recent National Swine show to "the owner of the herd contributing most to the success of the National Show," believes it to be advisable and necessary to make this statement concerning this award, in order to explain that nothing in the way of breed competition entered into the consideration of the committee. Any statement that this was a Grand Champion award, or that any herd was a Grand Champion herd, is a gross misrepresentation, and not in any way justified by the facts.

The points considered in making the award, were the amount and value of the winnings, the number and evenness of the herd, the attractiveness of the decorations, the general neatness of the pens, alley and surroundings, as well as the interest the owner had manifested in the National Show. In the matter of the amount and value of the winnings, the committee considered each breed as on an exact equality. No consideration whatever was given to the matter of breed comparison.

E. Z. Russell,
W. M. McFadden,
L. E. Frost, Committee.

I HAVE NOW MADE IT POSSIBLE for any worthy, creditable person, anywhere in the U. S. to buy a High Grade WITTE engine on practically his own terms.

NO MONEY DOWN
ALL CASH PART CASH OR BANK DEPOSIT

BUY ON YOUR OWN TERMS

Write me stating what size engine you need and I will mail you latest WITTE prices direct from factory. Write for Free Book "How to Judge Engines"—Ed. H. Witte.

WITTE ENGINE WORKS
1547 Oakland Ave.,
Kansas City, Mo.
1547 Empire Bldg.,
Pittsburgh, Pa.

Valuable FREE Book
Every farmer who owns an engine or expects to buy one should know how to figure exactly what an engine is worth—Why I use the valve in the head design, the off-set cylinder construction and larger valves in.

OTTAWA ENGINES
Kerosene Oil, Gasoline, Distillate.

With my Kerosene engine you get more power from a gallon of 6c Kerosene than you can get from a gallon of 20 or 25 cent gasoline in any gasoline engine. No cranking, no batteries, easy to start, easy to operate.

90 Days' Trial
10-Year Guarantee
Longest sold direct from factory to user—before you choose any engine get my newest and finest book and non-refundable offer—a postal brings it.

GEO. E. LONG,
OTTAWA MFG. CO.
535 King St., Ottawa, Kans.

STOCK LICK IT—STOCK LIKE IT

For Horses, Cattle, Sheep and Hogs. Contains Copperas for Worms, Sulphur for the Blood, Salt-peter for the Kidneys, Nux Vomica, a Tonic, and Pure Dairy Salt. Used by Veterinarians 12 years. No Dosing. Drop Brick in feed-box. Ask your dealer for Blackman's or write

BLACKMAN STOCK REMEDY COMPANY
CHATTANOOGA, TENNESSEE

Aluminum Tea and Coffee Strainer

Light And Sanitary

This sanitary aluminum tea and coffee strainer is stamped of one piece with reinforced rim and extended handle with hole for hanging, perforated bottom, satin finish, has no joints to catch dirt or retain dangerous germs. It will last a life time. This strainer will be sent free and postpaid to all who send 10c for a three-months' subscription to our big monthly magazine and story paper.

The Household, Dept. A.S. 4, Topeka, Kansas

Lovely Colored Picture Free

To introduce our line of beautifully colored pictures we will send a copy of picture "Guarding" free to all who send 2c stamp to cover mailing expense and will agree to show the picture to 4 or more of your friends. This fine picture is 12x16 inches in size lithographed in many colors. Only one picture sent at this rate. Additional pictures 10c each. Remember this sample is free if you send 2c in stamps to cover expense of mailing.



R. C. McGregor,
Dept. 52, Topeka, Kan.

Lovely Peacock Ring Latest Novelty FREE

Peacock Rings are all the rage. They are sterling silver, bronze finish. The Peacock is enamelled in brilliant natural peacock colors making a very attractive appearance and a ring that any person would be proud to wear.

FREE OFFER: We will send this handsome ring to all who send 2c in stamps to pay for a year's subscription to the Household, a big story and family magazine. If ring is not satisfactory we will return your money. Mention size wanted.

HOUSEHOLD, Dept. P.R. 2, Topeka, Kansas

Grand Christmas Package For You Free

Add to the holiday cheer by using dainty and appropriate Christmas cards and envelopes. Choose from a variety of your gifts you can make them much more attractive and more appreciated by decorating them with these neat and dainty Xmas "Greetings".

Here is What You Get
15 Gold Embossed Hollyfruit Cards. 9 Gold Embossed Gift Tags
50 Maple Leaf Embossed Stickers. 4 Beautiful Holiday Booklets.
50 Dainty Santa Claus Stickers. 5 Big Embossed Envelope Cards
32 Santa Claus and Assorted Stamps. 9 Gold Embossed Cards
50 Assorted Stamps, Seals, Labels, etc.

All we ask of you for this 224 piece Xmas package is your subscription to our big story and family magazine for one year at 30 cents. New or renewal subscriptions accepted on this offer. Address **The Household, Dept. X102, Topeka, Kansas**

WIN A XMAS SURPRISE PACKAGE

4		7
	7	3
6	4	

SOLVE THIS PUZZLE

Here is the "Missing Number Puzzle" which will make you think. What numbers placed in the vacant squares will make a total of fifteen for each column when added either up and down or across?

Is It Easy? If you fill in the missing figures and send us your name and address, we will send you as a prize, a Christmas surprise package, containing 42 assorted pieces of beautiful Christmas cards, seals, tags and stickers. This is one of the most artistic Christmas packages put out. We will also send a certificate of entry in our grand contest for a \$395 Saxon Automobile. All you have to do is to enclose 2 two cent stamps in your letter to pay postage and cost of mailing.

Saxon Car Given Away

Remember the Saxon car will absolutely be given away at the close of the grand contest. In case of a tie, a Saxon car will be given to each person so tied. Send at once so you can be entered in this great contest. Full particulars free.

SAXON EDITOR, 363 Popular Bldg., Des Moines, Iowa

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.

THE TRACTOR SALES CO., JOBBERS: "Twin City" TRACTOR SALINA, KANSAS



Lovely Picture Free

To introduce our line of beautifully colored pictures we will send a copy of picture "Rock of Ages" free to all who send 4c stamps to cover mailing expense and will agree to show the picture to four friends. The picture is Size 12x16 inches lithographed in many colors. Only one picture sent at this rate. Additional pictures 10 cents each. Remember, this sample is free if you send 4 cents in stamps to cover mailing expense. Address: R. C. McGregor, Dept. 11, Topeka, Kan.

BEAUTIFUL BROOCH FREE

Beautifully enameled in colors and gold. Free if you send 10c for 8 months subscription to our big magazine, "The Household Magazine and Story Paper." Address: HOUSEHOLD, Dept. CC-25, Topeka, Kan.

Coin Case FREE

This new style, thin model, Coin Case is silver plated, beautifully engraved, and has lovely link chain. This dainty coin case free if you send 10 cents to pay for three months' subscription to The Household Magazine and Story Paper. Address: HOUSEHOLD, Dept. CC-25, Topeka, Kan.

This Week a New Serial in Capper's Weekly

The people are sick of salacious fiction. The demand is for clean, wholesome stories. Capper's Weekly has never printed any of the salacious kind, but in Ethel Hueston's charming story, "Prudence of the Parsonage," which will begin running serially this week in Capper's Weekly, it will offer its readers



A High-Class Story of Western Life

not the less strong and humanly interesting because any member of the family can read it. The scene is a little town in Iowa. Prudence is the eldest daughter of its Methodist minister. The story concerns itself with what happens to the minister and his family on coming to their new charge. There is much laughter in it, a few tears, and a mighty pretty love story adds a few complications. First chapters appear this week. Send your order today. Subscription price 50 cents yearly; three years \$1.00. Send coupon before you forget about it.

CAPPER'S WEEKLY, Dept. 129, Topeka, Kan.

Gentlemen: Please enter my subscription to Capper's Weekly for the term of (one) (three) years for which I enclose (50c) (\$1.00). Please start my subscription with first installment of story "Prudence of the Parsonage."

Name.....
Address.....



Boys! It's Yours!!

22-Calibre Genuine Hamilton Rifle

The Hamilton Rifle has stood the test of time. The Hamilton Rifle is safe, reliable and accurate to a hair. It makes an ideal light arm for camping excursions. It is a man's gun as well as a boy's gun. Length over all, 30 inches. Barrel, tapered, 16 inches. Sights, rear open and adjustable and front knife sights. Chambered for 22-calibre short and long R.F. cartridges. Flat stock and forearm. Each rifle packed and shipped in individual carton. For small game and target practice this Hamilton is unexcelled.

Send No Money—Just Your Name We have 5000 of these new model rifles to give to hustling red-blooded boys. We pay all express charges so it doesn't cost you a penny. Fill in your name and address in coupon below and mail to us and you will receive full information how to secure this dandy rifle free.

Sign This Coupon—Letter Not Necessary

CAPPER RIFLE CLUB, Dept. 6, Topeka, Kan.

Gentlemen—Below you will find my name and address. Please send me full information how to secure the Hamilton Rifle free.

Name.....

Post Office.....

Route..... Box..... State.....

TOM McNEAL'S ANSWERS

Beecher Island Survivors.

A. H. wishes to learn the names of the Beecher Island survivors. If he will write to J. J. Peate, Beverly, Kan., he can get more information in regard to these survivors than anywhere else. Mr. Peate and Chalmers Smith, also of Beverly, organized the Beecher Island reunion and are finding all the old scouts. They hope to get the survivors together to celebrate the 50th anniversary of the battle, September 16, 17, and 18, 1918. Smith is one of the survivors and Peate is the scout who led the rescue party.

St. Francis, Kan.

Must Pay for Gravel.

I purchased a farm in Kansas of which the Neosho River is the eastern boundary. On the river bank is a large gravel bed and the tenant on the place writes me that a person is hauling out the gravel across my farm and declares the tenant has no right to stop him. He says the person has built a large silo and is now building a large cellar. The former owner says he gave the man no permission to cross his land, and that he has always sold the gravel at 25 cents a load. Could I collect for the gravel he has used, and would not the tenant have the right to protect the place while under his care?

Yes; to both questions, if the facts in the case are as you think they are.

Notes are Personal Property.

Are the following notes taxable in Kansas? (a) A note three years past due on which the owner has been unable to collect any part of interest or principal? (b) A note held by a husband for money lent to his wife, said money being invested in real estate in the wife's name?

A note is regarded as other personal property. If it is of no value it should not be taxed. If as a matter of fact this note is not collectable, and it would seem that it is not, then it has no value and should not be taxed. If the real estate held in the wife's name is taxed, the note should not be taxed, but under our law I believe it could be.

Kansas Laws Apply.

A man died leaving considerable property. He was born in Scotland and came to Kansas when a lad and lived here for about 35 years before his death. He leaves a widow, and two children whom he reared but did not adopt. He had taken out his first naturalization papers but not his second. Is his property disposed of according to the laws of Kansas or of Scotland, and in what manner?

The property is disposed of according to the laws of Kansas. If he left no will and the children are neither his by adoption or descent, his wife would inherit all of his property unless there was some prenuptial contract providing that half of the property should be otherwise disposed of.

The Right of Way.

A, driving a horse and buggy, gets more than half way across a bridge when B, driving an automobile comes on the other end of the bridge, which is scarcely wide enough for two to pass. Can A compel B to back off until he drives over, or can B compel A to let him pass on the bridge?

If the bridge is wide enough so that the automobile can pass the buggy without danger then B has a right to demand that A let him pass on the bridge. If the bridge is not wide enough to permit the two vehicles to pass in safety then B should back off for the reason that A having advanced beyond the middle of the bridge before B came upon it, has the right of way.

Common Carrier's Rights.

A owns 80 acres of land. An oil company wishes to run a pipe line across the land, offering to pay 50 cents a rod, also to pay for any damage done to growing crops. The contract would also give the oil company permission to lay other pipe lines alongside of the first one at any time the company might see fit by paying the same amount for each line. A and his wife do not care to sign such a lease. The agent of the oil company says that if they do not give the permission the land can be condemned and permission granted by the court to lay the pipes across the land. Is this true?

The legislature of 1905 or 1907 made oil pipe lines common carriers, and as I recall, granted to them the right of eminent domain granted to other common carriers, such as railroads. If the pipe line which the oil company proposes to lay across A's land is merely a private line laid for the sole convenience of the company in conveying oil from its wells to tanks then I scarcely believe that it would come under the definition of the statute as a common carrier, and if not would not have the right to condemn and take land for the purpose of laying pipes thereon.

The number of cattle in Kansas increased 14 per cent in the last year.

WHAT BREEDERS ARE DOING

FRANK HOWARD,
Manager Livestock Department.

FIELDMEN.

A. B. Hunter, S. W. Kansas and Okla., 128 Grace St., Wichita, Kan.
John W. Johnson, N. Kansas, S. Neb. and Ia. 820 Lincoln St., Topeka, Kan.
Jesse R. Johnson, Nebraska and Iowa, 1937 South 16th St., Lincoln, Neb.
C. H. Hay, S. E. Kan. and Missouri, 4204 Windsor Ave., Kansas City, Mo.

PUREBRED STOCK SALES.

Claim dates for public sales will be published free when such sales are to be advertised in the Farmers Mail and Breeze. Otherwise they will be charged for at regular rates.

Combination Sales.

Dec. 11-16—F. S. Kirk, Mgr., Wichita, Kan.
Jan. 27—Norton County Breeders' association, Carl Behrent, Sec., Norton, Kan.

Percheron Horses.

Dec. 14—J. C. Robinson, Towanda, Kan.
Feb. 9—Breeders' combination sale, Manhattan, Kan.
Feb. 17—C. H. Payton, Norton, Kan.
Feb. 22-23—Nebraska Pure Bred Horse Breeders' Association, sale at Lincoln, Neb.
C. F. Way, Sec.-Treas., Lincoln, Neb.

Draft Horses.

March 14—W. T. Judy & Sons, Kearney, Neb.
Jacks and Jennets.
Feb. 22—M. H. Roller & Son and Bruce Saunders, Holton, Kan.

Hereford Cattle.

Feb. 24—C. F. Behrent, Norton, Kan.

Holstein Cattle.

Dec. 12—J. B. Branson, Route 1, Lincoln, Neb.
Dec. 13—W. H. Mott, Manager, Herlington, Kan.
Dec. 21—A. L. Fellows, Clay Center, Kan.
Feb. 21—Nebraska Holstein Breeders' Consignment sale, South Omaha, Dwight Williams, Sales Manager, 4110 Davenport St., Omaha, Neb.

Jersey Cattle.

Dec. 14—J. A. Comp, White City, Kan.

Shorthorn Cattle.

Dec. 14-15—Nebraska Shorthorn Breeders' Ass'n, Grand Island, Neb.; Con McCarthy, York, Neb., sale manager.
Dec. 19—D. N. Price, Baileyville, Kan. Sale at Seneca, Kan.
Dec. 19-20—Breeders' Annual Com. Sale, So. Omaha, Neb. C. A. Saunders, Manilla, Ia., Sales Mgr.
Dec. 21—Breeders' Consignment sale, Grand Island, Neb. J. C. Price, Lincoln, Neb., sale manager.
Dec. 28—B. M. Lyne, Oak Hill, Kan., at Abilene, Kan.
Jan. 10—W. P. Kuehn, Red Cloud, Neb.
March 13—Blank Brothers & Klee, Franklin, Neb. Sale at Hastings, Neb.
March 14-15—Highline Shorthorn Breeders' Ass'n, Farnam, Neb. E. W. Crossgrove, Mgr., Farnam, Neb.
Mar. 30—H. C. McKelvie, Lincoln, Neb., Mgr. Combination sale at South Omaha.

Polled Durham Cattle.

March 14—W. T. Judy & Sons, Kearney, Neb.
Mar. 29—H. C. McKelvie, Lincoln, Neb., Mgr. Combination sale at South Omaha.

Poland China Hogs.

Jan. 16—D. C. Lonergan, Florence, Neb.
Jan. 27—J. B. Roberts, Pierce, Neb.
Feb. 6—Smith Brothers, Superior, Neb.
Feb. 7—T. F. Walker & Son, Alexandria, Neb.
Feb. 8—Wm. McCurdy & Son, Tobias, Neb.
Feb. 8—J. B. Swank & Sons, Blue Rapids, Kan.
Feb. 9—Frank J. Rist, Humboldt, Neb.
Feb. 12—W. E. Willey, Steele City, Neb.
Feb. 15—T. W. Cavett, Phillips, Neb. Sale at Aurora, Neb.
Feb. 17—S. A. Nelson & Sons, Malcolm, Neb.
Feb. 19—C. Lionberger, Humboldt, Neb.
Feb. 21—C. B. Clemetson, Holton, Kan.
Feb. 22—A. J. Erhart & Sons, Ness City, Kan. Sale at Hutchinson, Kan.
Feb. 23—Olivier & Sons, Danville, Kan.
Feb. 24—C. F. Behrent, Norton, Kan.
Feb. 28—Clarence Dean, Weston, Mo.; sale at Dearborn, Mo.
Feb. 28—John Naiman, Alexandria, Neb.; sale at Fairbury, Neb.
Feb. 28—Agricultural College, Manhattan, Kan.

Duroc-Jersey Hogs.

Dec. 14—Dr. J. B. Unsell, Louisiana, Mo.
Jan. 22—Geo. Briggs & Sons, Clay Center, Neb.
Jan. 23—H. A. Deets, Kearney, Neb.
Jan. 31—J. H. Proett & Son and H. J. Nachingall & Son, Alexandria, Neb.
Feb. 1—Theo. Foss, Sterling, Neb.
Feb. 1—Philip Albrecht & Sons, Smith Center, Kan.
Feb. 7—F. J. Moser, Goffs, Kan.
Feb. 8—Dave Boserger, Cortland, Neb.
Feb. 8—J. B. Swank & Sons, Blue Rapids, Kan.
Feb. 16—J. C. Boyd & Son and Ira Boyd, Virginia, Neb.
Feb. 28—Agricultural College, Manhattan, Kan.
March 14—W. T. Judy & Sons, Kearney, Neb.
March 15—W. T. McBride, Parker, Kan.

Hampshire Hogs.

Feb. 26—A. H. Lindgren, Jansen, Neb.; sale at Fairbury, Neb.
Feb. 27—Carl Schroeder, Avoca, Neb.

Shropshire Sheep.

Dec. 12—Daniel Leonard & Sons, Corning, Ia.

S. W. Kansas and Oklahoma

BY A. B. HUNTER.

F. S. Kirk of Enid, Okla., will hold a big consignment sale of purebred livestock at Wichita, Kan., December 12, 13 and 14. On the first day he will sell Hampshire and Poland China hogs and Shorthorn and Aberdeen Angus cattle. The second day he will sell jacks and Jennets, German Coach stallions and Percheron stallions and mares. The third day he will sell a high class lot of trotting bred stallions, mares and colts.

These will include race prospects and developed race horses. Note the display ad in this issue and arrange to attend this sale.—Advertisement.

Percheron Stallions and Shorthorn Bulls.
Edward Cooke & Son, Freeport, Kan., wish to sell their imported 7-year-old Percheron herd stallion. He weighs over 2100 pounds and has plenty of good colts to show. They also offer one of his coming 2-year-old sons out of a Casino dam. They also offer Shorthorn bulls, reds and roans, from 6 to 12 months old. The kind that will go quickly at the prices asked. Write them today, mentioning Farmers Mail and Breeze.—Advertisement.

Robison's Big Percheron Sale.

Thursday, December 14, is the day for J. C. Robison's 22nd sale of Percheron horses. The sale will be held in the private sale pavilion at the farm near Towanda and free conveyance will be provided from Towanda to the farm. The offering will include 50 stallions, mares and colts and will afford an offering for breeders and farmers to secure some exceptionally good horses. A number of the stallions and mares are sired by Casino and a number of the mares are bred to him. Arrange to attend this sale.—Advertisement.

N. Kansas, S. Nebr. and Ia.

BY JOHN W. JOHNSON.

Under a heading of "stock for sale," O. L. Thisler, Chapman, Kan., is making some good offers to anyone desiring Standard bred horses. Also some choice Holstein heifers (grade) that are from 14 months to 3 years old. Some are giving milk. Look up the advertisement and write him.—Advertisement.

Ed Nickelson, Leonardville, Kan., is proprietor of the Riley County Breeding Farm. He breeds Red Polled cattle and Percheron horses. No better breeding of individuals will be found anywhere. He is offering 25 cows and heifers and some choice young bulls ready for service in the spring. Write him for further information and prices.—Advertisement.

V. R. Plymat, Barnard, Kan., has a lot of choice Shorthorn bulls for sale, ranging in ages from 8 to 10 months. They are excellent individuals and about half of them are double standard and out of choice cows of Auchenbach Brothers' breeding. If you want a bull you better get in touch with Mr. Plymat at once. Look up his advertisement in this issue of the Farmers Mail and Breeze.—Advertisement.

J. L. Griffiths, Riley, Kan., has a fine lot of fall pigs just weaned and sired by King of Kansas and Long Jumbo Jr., that he is offering at \$12.50 each and a pedigree with each pig. He has a lot of sows he is keeping that will farrow in the spring and he can't handle so many so the unusual offer is made on these pigs. They are exceptionally fine and the express won't be much. Write at once if you want a pair or trio.—Advertisement.

D. O. Bancroft of Osborne, Kan., has for sale 57 September pigs, 18 head of extra good spring gilts, and six spring boars. The spring gilts are bred. Mr. Bancroft has used every issue of Farmers Mail and Breeze for the past 11 years to advertise his Duroc Jersey hogs. He has sold hogs to farmers and breeders, in 14 different states and we have had no complaints from his customers. This is certainly a very enviable record. We especially recommend Mr. Bancroft to any of our readers who are in the market for high class Duroc Jersey hogs.—Advertisement.

D. N. Price, Baileyville, Kan., will sell Shorthorn cattle at Seneca, Kan., Tuesday, December 19. The offering will consist of 35 head, 31 cows and four bulls. The cows are all bred and the heifers that are old enough to breed are bred. The bulls are of serviceable age. The entire offering is made up of good, useful cattle. More definite information concerning this offering will appear in the next issue of Farmers Mail and Breeze. In the meantime you can ask Mr. Price to place your name on the mailing list for a catalog, as soon as it is ready. When writing please mention Farmers Mail and Breeze.—Advertisement.

Comp's Jersey Dispersion.

J. A. Comp of White City, Kan., will disperse his herd of Jersey cattle Thursday, December 14. There will be 19 cows and heifers which would not be offered for sale at any price but for the fact that Mr. Comp finds it necessary to dispose of the whole herd. Included in the sale will be the herd bull Golden Prince's Sultan 133333 and two other young bulls from high producing dams. If you want some strictly high class Jerseys attend this sale.—Advertisement.

Twenty Poland China Gilts.

W. A. McIntosh, Courtland, Kan., breeds Poland Chinas and is a regular advertiser in the Farmers Mail and Breeze. He has enjoyed a nice trade all summer and fall and has sold two, a sow and a gilt, to members of the Capper pig club. He still has about 20 nice gilts that he is breeding and offering for immediate sale at attractive prices. Mr. McIntosh has four herd boars and these gilts are bred to different boars. He also has four spring boars. Write him for prices and descriptions.—Advertisement.

Big Shorthorn Sale.

On Tuesday, December 19, D. N. Price of Baileyville, Kan., will hold a Shorthorn sale in the Seneca Sale Barns at Seneca, Kan. The offering will include 35 head, 31 cows and heifers and four bulls. Seven of the cows will have calves at foot. As herd bulls Mr. Price has used Nellie's Hero 260500, Prince Butterfly 329152, Good Scotchman 323818, and Prince Imperial 395417. The present herd bull is a grandson of the famous sire Snowflake. Note the display ad in this issue and write at once for a catalog.—Advertisement.

Taylor's Shorthorn Bulls.

C. W. Taylor, Abilene, Kan., is a Shorthorn breeder with some good propositions for anyone desiring a choice young herd bull. He has 25 head of Scotch and Scotch topped bulls ranging in ages from 8 to 10 months old. They are reds and roans and three are pure white. The writer visited Mr. Taylor's Shorthorn herd last Thursday

and the 25 young bulls are extra choice and anyone in the market for a bull should go to Abilene and Mr. Taylor will be pleased to take him out to the farm to see his herd and the bulls. They were sired by Vallant 346162, a Victoria bred bull and by Marengo Pearl 391162, a Lavender bred bull.—Advertisement.

Lamer's Good Draft Horses.

C. W. Lamer & Son, Salina, Kan., have sold more stallions to date than ever before up to this time of the year. Almost every day during November there have been buyers at the Pioneer Stud Farm and the part that pleases the Lamers is the fact

Farmers Mail and Breeze, Topeka, Kan. Gentlemen—We have had 25 inquiries and made five sales, selling 10 hogs. Not so bad for a year like this. The orders are still coming in. Yours very truly.—C. T. Drumm & Son, Breeders of Poland Chinas, Longford, Kan., Nov. 13, 1916.

Farmers Mail and Breeze, Topeka, Kan. Gentlemen—I have received a few over 1,000 inquiries in the time that I have been advertising with you and I have received orders from 412 of them; to the 412 customers I have sold 1,021 head of hogs or an average of better than one to every inquiry. Some I have sold to the second and third time and I have one man which I have sold four herd boars to and this year he came and bought one boar and three sows. I have gotten inquiries from California, Colorado, New Mexico, Arizona, Texas, Mississippi, Alabama, Kentucky, Missouri, Nebraska, North Dakota, Michigan, Minnesota, Illinois, Indiana, Tennessee, Oklahoma and Kansas. Yours truly.—F. C. Gookin, Breeder of O. I. C. Hogs, Russell, Kan., Nov. 13, 1916.

JACKS AND JENNETS.

JACKS AND SADDLE HORSES All ages, M.B. GUTHRIE, BOX A, MEXICO, MO.

FOR SALE 6 Jacks, 6 Jennets, 3 Percherons and 1 Standard bred stallion. For information call on or address **F. W. POOS, POTTER, KAN.** (Barn 3 blocks north of depot)

15 JACKS
20 JENNETS
3 to 6 years old. 15 to 15½ hands high. Excellent in bone, size and conformation. Write today.

Philip Walker
Moline, Elk County, Kansas

HORSES.

For Sale: Home-Bred Stallions \$250 to \$400, except two. Also Draft Mares for sale. **A. LATIMER, WILSON, CRESTON, IOWA**

Mammoth Jacks, Registered Percheron Stallions, mares and fillies. 75 head to select from. **AL E. SMITH, LAWRENCE, KANS.**

Stock For Sale!

3 head of Standard bred colts; one brown filley 4 years old, stands 16 hands, weighs 1,200 pounds, has been tracked a little and shows lots of speed. Sire Pictolus Ellwood 50245, he by old Pictolus 5102; dam, Beattie Miller, by Tom Miller Jr., 2-10. One black stud, 3 years old, has been tracked a little and is clever and very speedy. Stands 15.3 and weighs now 1,135. Drives single and double. He is a full brother to the above mare. One black filley, 3 years old, name Luta Miller, stands 15.1, broken to drive, has same sire. Dam, Estan Selotta, by Symbolier 2-00. All these colts are sound and highly bred. We have 6 high grade white face bulls for sale, 2 years old, past. They are in fine condition.

I have 5 head of high grade Holstein heifers for sale. They are from 14 months to 3 years old; 3 giving milk and one springer. All are bred to my Holstein male. One Holstein male, coming 2 years old in April. This is an extra big male, greater part white in color. I want to sell all 6 head together. A few registered Jersey cows for sale.

O. L. Thisler, Chapman, Kansas



Woods Bros. Co., Lincoln, Neb.

Imported and Home-bred Stallions—Percherons, Belgians, Shires. 75 HEAD NOW IN OUR BARN.

Our 1916 show record at the Nebraska and Kansas state fairs, Lincoln, Topeka and Hutchinson—37 first prizes, 14 senior and junior championships and 10 grand championships; 17 second prizes, 12 third prizes. And all of these were won in the face of strong competition.

We have paid particular attention to quality, size, action, feet and legs. The imported horses direct from the Avelline stud reached our barns late in April. They are all outstanding horses. We invite the most careful inspection. Our prices, terms and guarantee will suit you.

A. P. COON, Manager

Special Breeders' Rates

Advertising on this page, classified under your breed classification, costs 22¢ a line each issue. Six ordinary words will set in a line, without display. 14 lines make an inch. This is an inch space. Send in your copy now and pay for the service monthly or quarterly as you like. Address **Farmers Mail and Breeze, Livestock Dept., Topeka, Kan.**

Breeders Combination Sale!

Wichita, Kan., Dec. 12-13-14

On Dec. 12 at 10:30 A. M. We Sell

10 Hampshire bred gilts, and eight boars. 10 Poland China bred gilts and six boars. One Duroc boar.

At 1:30 P. M. We Sell

6 Aberdeen Angus bulls, 3 heifers, 20 Shorthorn bulls, 50 Shorthorn cows and heifers. This is a splendid offering of well bred cattle that will be sold in just thrifty farm condition. Several of the bulls are pure Scotch and good enough individuals to be placed at the head of purebred herds. The cows would be a credit to any herd in Kansas or Oklahoma.

Wednesday, Dec. 13 at 10:30 A. M. We Sell

10 Mammoth jacks, some of them extra large, and guaranteed in every respect. 15 jennets, most of them registered, and bred to a state fair champion jack. Following the jack and jennet sale we sell four German Coach stallions all sired by the undefeated state fair Grand Champion Mephistophiles.

40 IMPORTED AND AMERICAN BRED PERCHERON STALLIONS, MARES AND COLTS, sired by such famous horses as

Imp. Jadin Undefeated first Prize Winner in France.
Imp. Casino Reserve Champion at St. Louis World's Fair.
Imp. Selpion Many Times State Fair Champion.

IMPORTED AND AMERICAN BRED MARES SAFE IN FOAL TO

Imp. Jeun, undefeated Grand Champion at Iowa, Illinois, Nebraska State Fairs and the Denver Stock Show. Jeun is acknowledged the greatest son of the \$40,000 Champion, Carnot.
Imp. Tripolin a State Fair and Chicago International Prize Winner.
Imp. Infallible a famous show horse and well known sire.
Kerrick a Grand Champion son of the Champion, Casino.

This is a grand lot of Percherons, both in breeding and individuality.

Thursday, Dec. 14 We Sell

40 Standard bred stallions, mares, colts, green prospects, and developed race horses. Included in this lot are Charley A. C. 2:07½; the famous stallion R. Ambush 2:09¼; William J 2:13¼. A trotter that has never been out of the money in 3 years' hard racing. Cecil Kirk 2:17¼, was 7 times first and 7 times second in 1916. Shady K., a sensational green pacer that will 2:10 in 1917. Separate catalogue for each breed. Write for the one you want.

F. S. KIRK, Sales Manager

Care Manhattan Hotel, WICHITA

Auctioneers Make \$10 to \$100 Per Day

December 4th, Actual Practice four weeks term opens.
January 1st, Regular four weeks term opens.

December is the one big buying month and if it is auctioneering you want you will sure get the work. G. A. Hendrickson will give you voice training and W. B. Carpenter will tell you the things an auctioneer should know. You can attend both terms for the one tuition or you may get diploma for the December term if efficiency is shown. At the regular term all instructors will be present, but not all at the same time. Are you coming?

Missouri Auction School

Office 3rd Floor, 818 Walnut Street, Kansas City, Missouri

1870

Pioneer Stud Farm

1916

Established 1870

50 Registered Stallions and Mares

Just arrived. A new shipment of Stallions and Mares. If you are in the market for a good Percheron stallion or mare now is the time. We can show you more bone, size, action and conformation than you will see elsewhere. Write or come today.

C. W. LAMER & SON, Salina, Kansas

H. B. LAMER

C. W. LAMER



Percherons — Belgians — Shires

39 heavy 3 and 4 year registered Percheron stallions. 68 rugged 2 year olds. 41 yearlings. Can spare 25 registered mares from my herd. 24 registered Belgian stallions. 11 registered Shire stallions. Sires and dams brought over from France, Belgium and England. **FRED CHANDLER, Route 7, Chariton, Iowa. Near Kansas City.**

SHEEP.

REGISTERED SHROPSHIRE RAMS

Yearlings and twos, square built, hardy bucks with weight, bone and heavy fleece. Quick shipping facilities and priced cheap. 412 head. Near Kansas City. **Howard Chandler, Chariton, Iowa.**

HORSES.

Percheron Stallions

A seven year old imported stallion, richly bred, weighing over 2100 pounds. Plenty of good colts to show. Also one of his good two year old sons out of a Casino dam. Write today. **Edward Cooke & Son, Freeport, Kansas**

LIVESTOCK AUCTIONEERS.

Jas. T. McCulloch, Clay Center, Kan. References: I am selling for every year. Write for open dates.

FLOYD YOCUM LIVESTOCK AND REAL ESTATE AUCTIONEER ST. JOHN, KAS.

Rule Bros., H. T. & R. D., Ottawa, Kan. Livestock sales a specialty. Write for dates.



FARMERS MAIL & BREEZE
ENGRAVING DEPARTMENT
—TOPEKA, KANSAS—
CUTS OF YOUR LIVESTOCK FOR LETTERHEADS & SALE CATALOGS

BERKSHIRE HOGS.
BERKSHIRE PIGS Best of Breeding.
 Big type English. Either sex, \$15 each. Crated and papers furnished. **R. J. LINSKOTT, HOLTON, KANSAS**

MULE FOOT HOGS.
200 Immune Mulefoot Hogs all ages, priced to sell. 30 Big-Type sows, bred to champion boars. Catalog free. **C. M. THOMPSON, LETTS, IND.**

HAMPSHIRE HOGS.
Sold on Approval
 Two perfectly marked boars, choice gilts open or bred to Wempe's Model, by Paulsen's Model, the \$300 boar. Also pigs just weaned.
F. B. Wempe, Frankfort, Kan.

REGISTERED HAMPSHIRE 150 gilts and boars, all ages. Cholera immunized. Satisfaction guaranteed. **C. E. LOWRY, Oxford, Kan.**

Shaw's Hampshires
 150 registered Hampshires, nicely belted, all immunized, double tree, ment. Service boars and bred gilts. Satisfaction guaranteed.
Walter Shaw, R. 8, Wichita, Kan.

POLAND CHINA HOGS.
BIG MEDIUM POLANDS The smoothest big March boars and gilts at private sale. Prices right.
C. D. CLOSE, GORHAM, KANSAS (Russell County).

BIG APRIL BOARS BY YOUNG AMAZON
 Smooth, heavy bone (also fall pigs by half ton boars). Beauties at bed rock prices. **W. C. MILLIGAN, Clay Center, Kan.**

Baby Pig Bargains
 Choice Poland China pigs, just weaned, either sex, sired by King of Kansas and Long Jumbo Jr., at \$12.50 each. Pedigree with each pig. You can't beat this.
J. L. GRIFFITHS, RILEY, KANSAS.

Stretchy Boars: Gilts All Bred
 Boys entering Capper Pig Club write me today for my special offer on bred gilts. Fall and summer boars and gilts. Write today. All immune.
W. A. MCINTOSH, COURTLAND, KANSAS

FAIRVIEW POLAND CHINAS
 10 large, heavy-boned March boars, ready for immediate service. Special prices on early orders. Also bred sows and gilts. Write us.
P. L. WARE & SON, PAOLA, KANSAS

Fashionable Stock Place
Big Type Poland Chinas
 April boars and gilts. Can sell stock not related. All immune. Satisfaction guaranteed.
V. O. JOHNSON, Auline, Kansas.

BLOUGH'S BIG POLANDS
 Private Sale at Farmers Prices
 Extra good March boars sired by Big Mack and out of 650 and 700 pound dams. Get my private sale prices before you buy.
John M. Blough, Bushong, Kan.

BAZANT'S SPOTTED POLAND CHINAS
 Largest Herd in the West.
 125 pigs just weaned and ready to ship on approval. Pairs, Trios not related. 12 yearling sows bred to your order. Pedigree with each pig. I can certainly please you.
R. J. BAZANT, NARKA, KANSAS

Private Sale
 March boars by the half ton Hercules 2nd. Choice gilts same age. Summer and fall pigs at bargain prices. Summer pigs ready to ship. Pedigree with each pig.
ANDREW KOSAR, DELPHOS, KAN.

ERHART'S BIG POLANDS
 Home of more prize winners than any herd in the West, headed by the grand champion Big Hadley Jr.; large, roomy, prolific sows. Am pricing the grand champion boar Robidoux; also special prices on fall and spring boars. A number of herd headers among them priced for quick sale.
A. J. ERHART & SONS, Ness City, Kan.

SPOTTED POLANDS
 Private Sale
 20 March and April Boars. Also 20 gilts, same age, for sale, bred or open. Pedigrees with each pig. Special prices.
R. H. McCUNE, LONGFORD, KAN., (Clay County)

As Good As Grows
 Comparison with other herds most earnestly invited. Smooth, Extra Smooth Price and Extra Smooth Price 2nd, herd boars at the top. History makers.
L. C. Walbridge, Russell, Kansas

that many of them are old buyers, back for another stallion or who brought a neighbor or relative who wants a stallion. Practically all their buyers are from Kansas and it looks as if Kansas horsemen were anxious to breed a better class of draft horses to take the place of the scrub that the war prices have taken out of the country. C. W. Lamer & Son have an unusually strong offering of stallions and mares for sale at their big stud farm south of Salina and if you are interested you better write them for descriptions and prices and arrange to visit the farm soon. Look up their advertisement in the Farmers Mail and Breeze.—Advertisement.

Holstein Dispersion Sale.
 A. L. Fellows, Clay Center, Kan., is making a dispersion sale of high grade Holstein cows and heifers on Thursday, December 21, at his farm near Clay Center. A large percent of the cows and 2-year-old heifers are exceptionally well bred along dairy lines and many of them have made records for butterfat of 47 pounds in one month. There will be some young heifer calves and some bulls. All are high grades except one 5-month-old bull calf that is well marked and a good individual. All of the younger stuff is by a bull bred at the Agricultural college and has plenty of A. R. O. backing. Write Mr. Fellows for further information. Get to this sale if you want good dairy cows that will freshen commencing in December and all fresh before March 1.—Advertisement.

Lee Brothers & Cook's Big Sale.
 On Wednesday, December 20, Lee Brothers & Cook of Harveyville, Kan., will sell 100 head of Holstein cattle. The sale will be held at the farm near town. The offering will include 35 head of mature cows, either fresh or to freshen soon; 20 head of heavy springing 3-year-old heifers; 20 head of heavy springing 2-year-old heifers; 10 head of yearling heifers, five head of registered bulls old enough for service, and 10 head of heifer calves. All animals over 6 months old are tuberculin tested. This will be a good offering and the firm back of this sale is thoroughly reliable. Everything will be sold guaranteed as represented and this firm is financially able and perfectly willing to make every guarantee good. Note the ad in this issue and write today for catalog. Please mention this paper.—Advertisement.

Important Holstein Sale.
 In this issue of Farmers Mail and Breeze is a half page announcement of a big Holstein sale to be held at Herington, Kan., Wednesday, December 13. The offering will consist of 80 cows and heifers. Most of these females are either fresh or will freshen within two weeks after the sale. The offering includes the entire dairy herd of R. J. Hill and some extraordinary cows consigned by Dr. Schuyler Nichols and F. C. Myers. The sale is managed by W. H. Mott of Herington, Kan., who is an expert judge of Holstein cattle. The fact that Mr. Mott is managing this sale is evidence enough that the offering will be high class. If you have not already received catalog for this offering write today to Mr. Mott and mention Farmers Mail and Breeze.—Advertisement.

Chester White Bred Gilts.
 Arthur Mosse, Leavenworth, Kan., proprietor of the Kansas Herd of Chester White Swine, is offering special bargains in bred gilts. These are tip top individuals and are bred to Mr. Mosse's young show boars, one sired by Izzy O. K. Wonder, champion at Topeka, Hutchinson and Nebraska and first at Iowa State Fairs. Others are bred to Don Wildwood, a grandson of Wildwood Prince, the \$1,000 grand champion of Iowa in 1915. These gilts are sired by Don Milligan, the principal stock boar in Mr. Mosse's herd. They are out of big, mature, prolific sows. Dealers of Farmers Mail and Breeze who are interested in the popular Chester Whites and who are in the market for breeding stock should write Mr. Mosse at once. Kindly mention Farmers Mail and Breeze.—Advertisement.

Nebraska and Iowa
 BY JESSE R. JOHNSON.
 This is the last call for the dispersion Holstein sale to be held at Lincoln, Neb., Tuesday, December 12, by J. B. Branson. One hundred head are selling. The herd has a splendid record and the offering will be first class.—Advertisement.

Crocker Ships on Approval.
 F. C. Crocker, regular advertiser in this paper, ships his Durocs out on approval. He has a large bunch of boars and gilts of the best breeding. When writing him please mention this paper.—Advertisement.

Nelsons Make Sale Date.
 S. A. Nelson & Sons, the well known Shorthorn and Poland China breeders, at Malcolm, Neb., announce a dispersion Poland China sale to be held on the farm February 17. This sale has been decided upon because so much time and attention are necessary to care for the big Shorthorn herd. Remember this date and watch for advertising later.—Advertisement.

Draft Stallions.
 Woods Brothers Co., Lincoln, Neb., regular advertisers in this paper, report good inquiry and say they were never before so well supplied with big stallions with which to supply the wants of both old and new customers. Their 1916 show record at Nebraska and Kansas State Fairs is interesting reading. The barns are located across the street from state farm and it is a pleasure to show the horses. When making inquiry please mention this paper.—Advertisement.

Ayrshire Bull Cheap.
 Johnson & Matthews, Ayrshire cattle breeders, of Alta Vista, Kan., start advertising in this issue. This firm has a small herd of the very richest breeding. The herd having been established with stock from the famous Loveland Farms at Omaha, Neb. In the opinion of this firm the best results are obtained by buying service bulls when calves and bringing them up on the farm where they are to be used. They are as a rule much kinder and easier handled. With this idea in view it is the intention to always sell the bulls when they are calves and sell them at a very reasonable figure. Just now they offer a 4-months-old bull calf sired by Marquis of Loveland, a bull of great

POLAND CHINA HOGS.
I Ship On Approval
 Best of big type breeding Poland China boar and gilts no relation; also a fine lot of summer and fall pigs at farmer's prices. Immune and guaranteed every way. **ED. SHEEHY, HUME, MISSOURI**

Albright's Private Sale
 of more quality, big type Poland China spring boars and gilts is now on. You can't beat my spring boars at the price. Also open gilts. **A. L. Albright, Waterville, Kan.**

Original Big Spotted Polands
 75 fall pigs, pairs and trios not related. Pedigrees with each pig. Big litters.
 Address **ALFRED CARLSON, Cleburne, Kan.**

20 March and April Boars
 sired by the Best 1915 son of King of Kansas and out of 600 and 700 lb. dams. Will weigh around 225 and 250. Farmer's Prices for 30 days. **H. J. Griffiths, Clay Center, Kan.**

N. M. Bailor & Son, Polands
 Spring boars for sale. Big, growthy kind and priced reasonable. Also pigs at weaning time. Write at once.
N. M. BAILOR & SON, ALLEN, KANSAS

DUROC-JERSEY HOGS.
 Pure bred Duroc boars and Red Polled bulls.
W. J. HARRISON, SILVER LAKE, KANSAS.

IMMUNE DUROCS: Choice fall boars. Best of blood lines, one and two years old. Every animal guaranteed. **E. L. Hirschler, Halstead, Kan.**

Country Gentleman 132541
 Last chance to get boars sired by this great boar. Also some good ones by Gold Medal 176331. We are keeping his gilts and offer him for sale. Everything immune and farmer's prices.
W. R. HUSTON, AMERICUS, KANSAS

Trumbo's Durocs
 July boars \$15. Am booking orders for bred gilts, also fall boars. All immune. Satisfaction guaranteed.
WESLEY W. TRUMBO, PEABODY, KAN.

DUROC-JERSEY BRED GILTS
 A few nice ones for sale bred to Highland Cherry King. Close prices on these fine gilts. Also fall pigs, both sexes, at bargain prices.
R. P. WELLS, FORMOSO, KANSAS

Duroc-Jerseys
 Johnson Workman, Russell, Kansas

Big Type Herd Boars
 25 husky spring boars. Crimson Wonder, Illustrators, Good Enuff, Golden Model, breeding. All immune. Prices right. Descriptions guaranteed. **G. M. Shepherd, Lyons, Kan.**

BONNIE VIEW STOCK FARM
Duroc-Jerseys Spring boars and one fall yearling boar for sale.
SEARLE & COTTE, BERRYTON, KANSAS

40 Growthy Duroc-Jerseys,
 Spring and fall yearling boars with breeding, bone and quality. The kind that have always pleased. We ship on approval. I've got one for you.
GEO. W. SCHWAB, CLAY CENTER, NEBRASKA.

GUARANTEED DUROC BOARS
 Duroc boars with size, bone and stretch; immune and guaranteed breeders. Shipped to you before you pay.
F. C. Crocker, Box B, Filley, Neb.

DUROCS of SIZE and QUALITY
 Herd headed by Reed's Gano, first prize boar at three State fairs. Spring boars and gilts, from the champions Defender, Superba, Crimson Wonder and Golden Model breeding.
JOHN A. REED & SONS, Lyons, Kansas

BALDWIN DUROCS

Two Purebred Duroc Pigs for \$25
 A boar and a gilt not related, of Sept. farrow. Golden Model and Critic breeding. Shipped on approval. Pedigree with each pig sold. For full particulars, write,
S. P. & F. M. OLDFHAM, MURRAY, (Cass Co.) NEBRASKA.

Norton County Breeders Association
SAMUEL TEAFORD, President
Norton County Fair, August 29, 30, 31, Sept. 1, 1917

For Quick Sale
 12 extra choice spring Poland China Boars. Big type and good all over. Farmer's prices. **C. F. Behrent, Oronoque, Kan.**

20 Poland China Boars
 by Panama Giant by The Giant by Big Ben. Strictly good ones at fair prices. Write at once. Can ship over Rock Island or Burlington. **J. F. FOLEY, Oronoque, Kan.**

Poland China Pigs. 25 fall pigs at low prices. Either sex. Can ship over Rock Island or Mo. Pacific. **Geo. W. Goodman, Lenora, Kan.**

Poland China Bred Gilts
 Some very choice spring gilts sold either bred or open. Write for prices. **PETER LUFT, Almene, Kan.**

Shorthorns
 Six dark red bulls, nine to eleven months old. Pioneer, a grandson of Avondale and Whitehall Sultan heads our herd. **N. S. LEUSZLER & SON, Almene, Kansas.**

DUROC-JERSEY HOGS.
HIGH CLASS DUROCS Spring boars by our herd boars, also Elk Col., by Perfect Col. Grand champion Ill. State Fair. 2 extra good fall boars. **R. T. & W. J. Garrett, Steele City, Neb.**

Immune Duroc Boars
 Herd headed to farmer's kind, bred close to grand champions on both sire and dam side. Prices reasonable and satisfaction guaranteed. Write today. **G. B. Woodell, Winfield, Ks.**

DUROC BOARS AND GILTS
 by five different sires, are on the bargain counter. Pairs not related—herd, boar and herd sow prospects. Also plenty for the farmer and stockman. 49 boars and 62 sows shipped the past 8 months. Write **J. E. WELLS, FAUCETT, MO.**

Private Sale, Boars and Gilts
 20 Duroc Jersey boars, March farrow and 15 gilts same age. Priced to sell. Also a choice lot of fall pigs, either sex. Address **A. E. Sisco, Topeka, Kan., Phone (3026 Wakarusa)**

Bancroft's Durocs
 Guaranteed immune. No public sales. Fair private sale. Spring boars and gilts open or will breed to order for spring farrow. Pairs or trios not related. September pigs weaned November 1st.

D. O. Bancroft, Osborne, Kans.

Jones Sells on Approval
 This means just what it says.
 20 Duroc Jersey gilts (March farrow) bred to Pal's Kant Be Beat, Illustrators Improver and Orion's Highland King. Booking orders for pigs of Sept. and Oct. farrow, shipped at weaning time.
W. W. Jones, Clay Center, Kan.
 (Write for private sale catalog just out.)

Duroc-Jerseys
BREEDING, SIZE AND QUALITY
 Boars and gilts by Crimson Orion King 195345, A King Col. 149389, Pal's Col. Jr. 643794, Golden Model Again 135643, Ohio Kant Be Beat 69077, Crimson Good Enuff 188341. Gilts may be bred to our great herd boars, Crimson Orion King, Premier Illustrators, Valley's King Col. **LANT BROS., DENNIS, KANSAS**

Duroc Boars on Approval
 25 big spring boars at farmer's prices. Shipped on approval. Well grown, splendid individuals and up to date breeding.
A. J. TURINSKY, BARNES, KANSAS

MARCH DUROC-JERSEY BOARS
 20 March boars, brothers to the gilts reserved for our annual bred sow sale in February. A variety of breeding unexcelled in the West. Individual merit with breeding. Close prices to move them quickly.
Howell Bros., Harkimer, Kansas (Marshall County)

Home of Fancy Pal
BRED SOW SALE FEB. 7
 at Sabetha, Kans.
 Some choice April boars, big, stretchy fellows, at farmer's prices. Write at once for bargains in boars.
F. J. MOSER, GOFF, KANSAS

Open gilts \$20, or for \$30 will keep and breed to "Graduate Prince", our new herd boar, that has won as many State Fair prizes and sired as many prize winners as any boar in the state. Weight 980. Call and see him. Service boars \$25. Some extra choice baby boars at \$12.50, sired by "Model Top Again", a prize winner at both the Kan. State fairs last year. Order now. \$100 taken the pick of our baby Shorthorn bulls.
R. W. BALDWIN, Conway, Kan.

Percherons--Shorthorns--Polands
 October gilts, bred or open, for sale. Barrington Bruce, by Lord Bruce heads my Shorthorn herd. **C. E. Foland, Almene, Kan.**

We Have 3 Shorthorn Bull Calves for sale. Got by a Imp. White Hall Sultan and out of cows of the Lord Shorthorn and Golden Fame Strains. **J. W. Liggall & Sons, Almene, Kan.**

Percherons--Shorthorns--Polands
 A few nice spring gilts, by Jumbo Prospect, by Left's Orange for sale open or bred to order. **C. E. Whitney, Almene, Kansas.**

COL. W. M. PATTON, Livestock Auctioneer
 Devoting my time to the business. Address as above.

COL. C. H. PAYTON Purebred stock sales and big farm sales solicited. Write or phone. Address as above.

NORTON, KANSAS
L. J. Goodman, D. V. M. vaccination a specialty.

CHESTER WHITE HOGS.

CHESTER WHITE HOGS Fashionable breeding. Excellent quality. Prices reasonable. E. E. SMILEY, PERTH, KAN.

O. I. C. HOGS For sale—Yearling boar, Spring and Summer pigs, bred gilts and tried sows. Priced to sell. A. G. COOK, LURAY, KANSAS

50 Chester White Boars Early farrow, big and white. Plenty of real herd boars among them. Best of breeding. Buyer must be satisfied or no sale. Also gilts and younger pigs. AMOS TURNER, WILBER, (Saline Co.,) NEBR.

Edgewood Farm Herd Chester Whites Spring boars with length, size, bone and quality sired by Don Ben 2nd and Sweepstakes. HENRY MURR, Tonganoxie, Kan.

Kansas Herd Chester Whites I offer 40 extra choice spring boars and gilts, nothing better. Also 47 fall pigs, either sex, in pairs and trios. Bargains! Farmer's prices for the best to be had. ARTHUR MOSSE, LEAVENWORTH, KAN.

'PREPAREDNESS' Get ready for 1917 pig crop, place orders before Jan. first, while the price is low. We must raise after the first. Champion and grand champion blood. All ages. Satisfaction guaranteed. "Safety first" bred O. I. C. F. J. GREINER, BILLINGS, MISSOURI

O. I. C. Fall Boars for sale. Also booking orders for spring pigs, both sexes. Everything immune. Registered free. F. C. GOOKIN, RUSSELL, KANS.

Silver Leaf O. I. C. Boars Cholera immune spring boars that are real herd headers. They are of the best breeding and from mature stock of great size. Priced cheap for quick sale. A few August pigs. Satisfaction guaranteed. C. A. CARY, MOUND VALLEY, KANSAS

Murry Offers White Boars Prize winning blood and good individuals. Weigh only the best. Also fall and spring gilts. Sow sale Feb. 15. 10 Fall Boars CHAS. H. MURRY, Friend, Neb. 40 Spring Boars

FEHNER'S O. I. C. Herd headed by the \$500 Eagle Archie first prize aged boar at Sedalia, 1916. We offer 100 selected spring pigs, a number by a son of Eagle Archie, every one immune and shipped on 10 days' approval. Henry Fehner, Higginsville, Mo.

HOLSTEIN CATTLE.

HOLSTEIN CALVES high grade Holstein calves either sex, 3 to 4 weeks old. \$20 each. Express prepaid. BURROCK FARM, Whitewater, Wis.

Registered Bull Calves for sale from cows with official butter and milk records, also can spare a few cows. HIGGINBOTHAM BROS., ROSSVILLE, KAN.

CHOICE HOLSTEIN CALVES 10 heifers and 2 bulls, 5 weeks old; nicely marked. \$20 each crated for shipment anywhere. EDGEWOOD FARM, WHITEWATER, WIS.

Holstein Heifers to Freshen Soon One yearling bull, one eight months and one three. All registered. BEN SCHNEIDER, Nortonville, Kan.

Segrist & Stephenson, Holton, Kansas Prize winning registered Holsteins. Bulls from three months to yearlings for sale. Address as above.

BRAEBURN HOLSTEINS One service bull yet; eleven younger that cost less now than later both to buy H.B. Cowles, Topeka, Kan. and to move.

Purebred Registered **HOLSTEIN CATTLE** Send for FREE Illustrated Booklet The Holstein-Friesian Association of America, Box 292, Brattleboro, Vt

LILAC DAIRY FARM TOPEKA, KANSAS, R. NO. 2 Breeders of Pure Bred Holsteins Bulls, from A. R. O. cows, all ages for sale.

Tredico Bull Calves get whole milk and skim milk in quantities that have no regard for prevailing prices of milk and feed, but only for making an animal of quality and distinction. Geo. C. Tredick, Route 3, Klingman, Kan.

Sunflower Herd Holsteins KANSAS' GREATEST HERD Offers cows bred to 30 lb. sire. Bull calves from 30 lb. sire and A. R. O. dams. Might spare a few heifer calves. Buy the kinds that will make a profit on present high feeds. F. J. SEARLE, OSKALOOSA, KANSAS.

Holsteins For Sale Can spare about one car load of Holstein springers and fresh cows; also 15 head of ten days to 3 months' old heifer calves; one 2-months-old registered bull calf to go with the bunch. Some 2-year-old springers. Also 4 or 5 registered cows due in December. BOCK'S DAIRY, ROUTE 9, WICHITA, KANSAS.

Holstein Bull of grand champion breeding. Sire, Sir Juliana Grace DeKol; dam, Johanna Lilly; both grand champions at the Oklahoma State Free fair, at Muskogee in 1916. A beautiful individual, mostly white. Write for photograph and price. A bargain.

ALBECHAR HOLSTEIN FARM Robinson & Shultz INDEPENDENCE, KANSAS

merit out of an official record dam. The dam of the calf is the fine young cow, Lady Nellie of Loveland, sired by Grauld of Melrose. Her dam was Snowdrop of Scotland Farm. This calf is a very choice one and the first check for \$75 will take him.—Advertisement.

Coming Shorthorn Sale.

Blank Brothers & Kleen, prominent Shorthorn breeders, at Franklin, Neb., announce their annual sale to be held at Hastings, Neb., March 13. This means that good Shorthorns will be selected from four or five good herds from which to make up this sale offering. Together the brothers and Mr. Kleen own some great herd bulls; among them imported Strowan Star, Missie's Sultan, Bridgegroom and some others. Bear this good sale in mind and watch for later announcement.—Advertisement.

Ninety Bulls at Auction.

The C. A. Saunders combination Shorthorn sale to be held at Omaha, December 19 and 20, will be one of the big Shorthorn events of the season. Ninety bulls of different ages will be sold. They are consigned by good breeders from Iowa, Nebraska and Kansas and include plenty of good Scotch bulls fit to head the best herds. Mr. Saunders is himself putting in five or six good ones and one or two females bred to the great bull Cumberland Type. Write at once for a catalog of this sale to C. A. Saunders, Manila, Ia. Mention Farmers Mail and Breeze.—Advertisement.

S. E. Kan. and Missouri

BY C. H. HAY.

F. J. Greiner of Billings, Mo., has an ad in this paper giving notice of the necessary advance in prices of his O. I. C's. These new prices will take effect January 1. Until that time you can buy at the reduced price. This will afford prospective buyers a chance to save considerable money. Look up his ad and get your order in early.—Advertisement.

C. M. Howard of Hammond, Kan., owns a great herd of Polled Durham cattle. The breeding herd includes about 60 cows headed by the pure Scotch Double Standard bull, Forest Sultan X-12658, SH-444558, the \$700 son of Sultan's Creed, that sold for \$2,200 at auction and out of a cow that sold for \$450 as a heifer. At present Mr. Howard has a few high class bulls to sell. They include six yearlings and 18 younger calves. These are sired by Milton, a high class Double Standard bull that weighs 2100 pounds in breeding flesh and when finished would weigh 2800 pounds. These are strictly high class youngsters and will be priced worth the money. If interested write Mr. Howard and mention Farmers Mail and Breeze.—Advertisement.

Fine Poland Boars at Ware's.

If you could see the kind of Poland China boars that P. L. Ware & Son are pricing at \$25 to \$35, you would wonder how they could raise them fast enough to supply the demand. Under normal conditions they would have been sold out several weeks ago, but owing to crop conditions of that immediate vicinity their local trade has been much below the average and they still have a number of big, stretchy boars on hand. They are of March farrow and sired by Miami Chief, Black Orange and Prince Look. Their dams are by such boars as Wedd's Long King, Miami Chief, Wedd's Ex., Big Logan Ex., and McGrath's Big Jumbo. This is a bunch of boars that we can recommend to our readers and at the remarkably low prices asked for them they are sure to move quickly. Write today and please don't forget to mention the Farmers Mail and Breeze.—Advertisement.

Publisher's News Notes

Carbonless Oil.

It is very interesting to know that in the early stages of automobile making, The National Refining Company after two years of careful laboratory tests and careful investigations as to types of motors, produced National Carbonless Motor Oil. This famous motor oil passed thru 600 distillations and all conditions to which a motor would be subjected, were considered to determine what process oil would give the least possible carbon.—Advertisement.

To Promote Tractor Use.

The Tractor Sales Company, Salina, Kan., was incorporated recently with a capital stock of \$100,000. Fred G. Peterson of Salina, is president and general manager. Among the stockholders are many of the best known farmers and business men of Central Kansas. The Electric Wheel tractor and the Twin City tractors will be handled exclusively. Farmers and dealers interested should get in touch with this big concern. It intends to promote on a large scale a more general use of tractors in Kansas.—Advertisement.

For Better Creamery Work

The Kansas State Agricultural college offers a special short course of 10 weeks in creamery work, beginning January 8. The demand for well trained men has been greater than the supply during the past year, and this demand is growing. This course is designed to meet the needs of young men who desire to prepare themselves for positions in creameries. The instruction includes the principles that underlie the methods and practices in the modern creameries.

The entire expense of the course need not be more than \$75. The following subjects are taught in this course:

Creamery Buttermaking.
Creamery Management.
Dairy Farming.
Dairy Bacteriology.
Refrigeration.
Ice Cream Making.
Cheese Making.
Market Milk.

For further information write to the dairy department, Kansas State Agricultural college, Manhattan, Kan.

HOLSTEIN CATTLE.

Montgomery County Holstein Friesian Association Young stock for sale. T. M. EWING, Sec., Independence, Kan.

BONNIE BRAE HOLSTEINS A choice bunch of high grade 2 and 3 year old heifers coming fresh. Also a few young cows and one well bred registered bull, old enough for light service. IRA ROMIG, STA. B. TOPEKA, KANSAS



THE HOLSTEIN-FRIESIAN ASSOCIATION OF KANSAS

as an organization offers nothing for sale but desires to supply valuable information free to prospective buyers. The object of this association is to protect the interests of the breed in Kansas. Are you a member? Write W. H. MOTT, SEC'Y., HERINGTON KANSAS

40 Head High-Grade 2 yr. old Holstein Heifers For Sale

every one a good one, due to freshen early this fall; bred to a pure bred Holstein bull; sold under a positive guarantee to be just as represented, or animal returned and money refunded. See photograph of Canary Butter Boy King, the bull that stamps superiority on every calf that he sires. He is the herd sire at the Maplewood Farm. We have five young bulls for sale, nearly ready for service. Come or send your order at once. W. H. MOTT, HERINGTON, KANSAS



Clyde Girod, At the Farm.

F. W. Robison, Cashier Towanda State Bank.

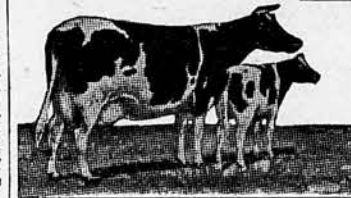
Holstein Friesian Farm, Towanda, Kan.

Pure Bred Holsteins, all ages, strong in the blood of the leading sires of today, headed by Oak De Kol Bessie Ormsby 158789. Special offering in choice young purebred bulls, ready for service, from tested dams. Let us furnish you a bull and improve your herd. TWENTY-FIVE purebred females, young useful Holsteins with A. R. O. records from 12 to 26 lbs. butter in seven days.

BEFORE YOU BUY, TALK WITH US

We have an especially large, choice selection of extra high grade young cows and heifers due to freshen this fall and early winter, all in calf to purebred bulls. These females are large, deep bodied, heavy producers, with large udders, all well marked individuals and the right dairy type. Our offerings are at prices that challenge comparison for Holsteins of their breeding and quality. High grade heifer calves \$25. Send draft for number wanted. Let us know what you want in Holsteins, and we will be pleased to send you descriptions, and prices. Keep us in mind before purchasing. Wire, write or phone us.

GIROD & ROBISON, Towanda, Kansas



TORREY'S HOLSTEINS

Cows and heifers, young springing cows well marked and exceptionally fine; also springing and bred heifers and registered bulls. See this herd before you buy. Wire, phone or write. O. E. TORREY, Towanda, Kan.

In 1887 Lee Bros. father brought the first imported Holstein cows to Wabaunsee county. In 1916 Lee Bros. & Cook have the largest pure bred and high grade herd in Kansas.

200 Holstein Cows, Heifers and Bulls

Registered and High Grade. 3 Cows and a Registered Bull \$325

We are selling dealers in Kansas and Oklahoma. Why not sell direct to you? 100 cows and heifers that will freshen in 30 to 40 days, all bred to A. R. O. bulls. We have others to freshen on up to March. We have A. R. O. bulls from calves up to three year olds. Bring your dairy expert along, we like to have them do the picking. Every animal sold under a positive guarantee to be as represented. Well marked, high grade Heifer and bull calves from 2 to 8 weeks old. Price \$22.50 delivered any express office in Kansas. We invite you to visit our farm and can show you over 300 head of cows and heifers, sold to our neighbor farmers. Wire, phone or write when you are coming.

LEE BROS. & COOK, Harveyville, Wabaunsee Co., Kan.



HOLSTEIN COWS and HEIFERS

I have for sale a very choice lot of springing cows, heifers and bred heifers. They were personally selected from one very best dairy herds of the east.

In selecting them special attention was given to size, color, markings and milk production. I do not think you can find anywhere a larger or better herd to make your selection from than you will find here; all are

BRED TO PURE BRED BULLS

of the very best families. I also have some good registered bulls for sale. If you want Holsteins, and will come to see my herd you can find what you want and at very reasonable prices. Write, phone or wire.

J. C. ROBISON, Box A, TOWANDA, KANSAS

DISPERSION SALE of high grade Holstein Cows and Heifers

At my farm near

Clay Center, Kan., Thurs., Dec. 21

The offering consists of 10 exceptionally choice young cows with records for butter fat as high as 47 pounds in one month. Four choice two year old heifers that are well bred and choice individuals. Also seven heifer calves that have made good growth and are well marked and good. Also four bull calves and a five months old pure bred bull calf that is nicely marked and a good individual. All of the young stock in this sale was sired by a College bred bull with plenty of A. R. O. backing. Write for further information. All the cows and heifers, old enough, bred to freshen from December to March.

Auctioneer—Jas. T. McCulloch.

A. L. Fellows, Clay Center, Kan.

SHORTHORN CATTLE.

WANTED: A Car of Registered Shorthorn Cows
Give breeding, price, etc. P.O. BOX K, Walters, Oklahoma

PURE BRED DAIRY SHORTHORNS
Double Marys (Flatcreek Strain) and Rose of Sharon families. A nice lot of young bulls for fall and winter trade. R. M. ANDERSON, BELOIT, KANSAS

SHORTHORNS 10 young red bulls for sale, 8 to 12 months old, sired by Duchess Searchlight 348529, the 2500 lb. bull, and out of Orange and Gloster cows, weighing from 1400 to 1600 pounds. A.M. Martley, Mound City, Kan.

OUR HERD BULL

Abbotsford Lad 2, 355841, a pure Scotch bull, three years old, deep red, good disposition and a good breeder. We are keeping every heifer he has sired. Priced to sell quick. Also bull calves six to 10 months. **Chester A. Chapman, Ellsworth, Kansas**

SHORTHORN BULLS

10 young bulls 8 to 12 months old, reds and roans, sired by a son of Victor Orange and out of cows by Colynie, Hampton and other good sires. Priced for quick sale. Write today. **Edward Cooke & Son, Freeport, Kansas**

Scotch Bulls for Sale

including the Herd Bull, Happy Barmpton 365725 by Barmpton Knight by Gallant Knight by Lord Mayor by Thistle Top. Also Three straight Scotch bulls from 12 to 15 months old. Also two spring bull calves.

P. M. Borland, Clay Center, Kansas

SALTER'S SHORTHORNS

12 young bulls 6 to 12 months old; Scotch and Scotch topped. One three year old herd header, by Prince Pavonia. These young bulls are by such sires as Rosewood Dale, by Avondale, Silver Hampton and Master of the Dales; also cows and heifers, Scotch, Scotch topped and plain bred in calf to our great herd bulls, but priced so both farmer and breeder can afford to buy. Parties also met at Wichita. Phone, Market 3705. Address, **PARK E. SALTER, AUGUSTA, KANSAS**

Cedarlawn Shorthorn Bulls

For Sale: The two year old herd bull, Mystic Victor, by Vain Victor, by Barmpton Knight. A valuable tried bull sold guaranteed in every way. Young bulls from six to ten months old. Address **S. B. AMCOATS, CLAY CENTER, KAN.**

Thirty Shorthorn Bulls For Sale

Eight to 10 months old. Half of them Double Standard. A choice lot of youngsters of choice breeding, size and quality. Address

V. A. PLYMAT, Barnard, Kan.
(Mitchell county)

Scotch and Scotch Tops

25 bulls from 8 to 10 months old. Reds and roans. Can ship over Rock Island, Union Pacific and Santa Fe. Come to Abilene and I will be glad to take you to the farm to see my bulls. Address

C. W. Taylor, Abilene, Kan.
(Dickinson County)

JERSEY CATTLE.

Registered Jersey Bulls Excellent Breeding. Percy Lill, Mount Hope, Kansas

FANCY BRED JERSEY BULLS

Four bulls from eight to 24 months old. Some choice young females. Ask for prices and descriptions. **S. S. SMITH, CLAY CENTER, KANSAS**

Linscott Jerseys

Kansas' First Register of Merit Herd. Private sale at Farmer's Prices. Bulls different ages. Inspection of herd desired. Write for illustrated descriptive list.

R. J. LINSOTT, HOLTON, KANSAS

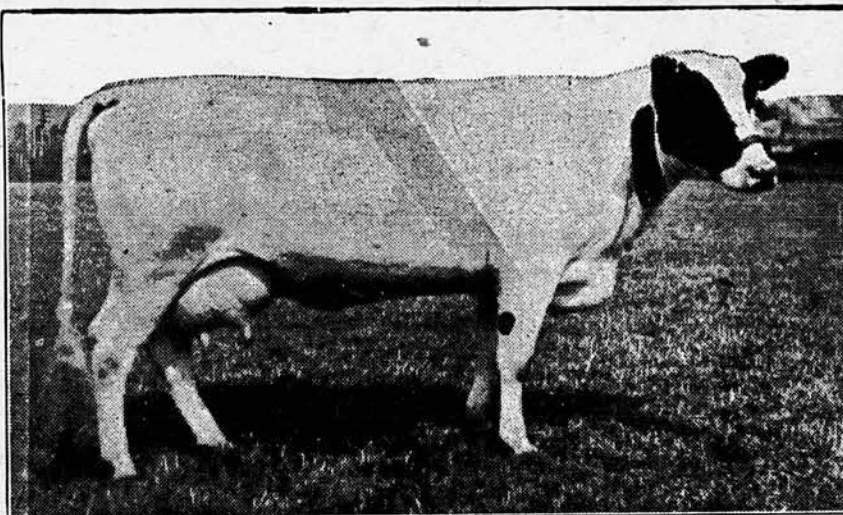
Get Rid of the "Boarders"

Do you keep cows or do they keep you? Do you know which are earning a profit and which are merely paying their board? One community increased the average net profit per cow 129% in a few years by testing. Cows from regularly tested herds sell for more money and so do their offspring. Knowing beats guessing in dairy work. Get our free booklet, "What is Accomplished by Testing Cows" and learn how to build up your herd from animals of known production. Every farmer should read this booklet. It's free. Send a postal today.

The American Jersey Cattle Club
355 West 23d St. New York City

Lee Bros. & Cook's Annual Sale of Holstein-Friesian Cattle

Harveyville, Kan., Wednesday, Dec. 20

**100 Head—Cows, Heifers and Bulls—100 Head**

35 head of 4, 5 and 6-year-old cows, fresh or to freshen soon.
20 head of heavy springing 3-year-old heifers.
20 head of heavy springing 2-year-old heifers to freshen from sale day to March 1st.
10 head of yearling heifers.
5 head of registered bulls old enough for service.
10 head of heifer calves.

All the cows listed in this sale are cows that would be a credit to any dairy herd. The heifers are all sired by registered bulls and out of big producing dams.

Sale at farm, rain or shine.

Every animal over 6 months old is tuberculin tested. For further information write or wire

Lee Bros. & Cook, Harveyville, Kan.

Jersey Cattle Dispersion

One of the strongest offerings of purebred registered Jersey cattle ever made in the west. A sale decided on recently that will close out a young foundation herd of high producing, officially tested cows that are just in their prime.

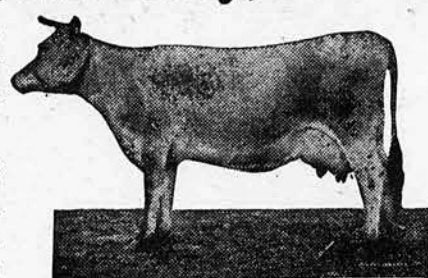
White City, Kan., Thursday, Dec. 14

19 cows and heifers, officially tested and cows and heifers that positively would not have been priced a few weeks ago.

Included in the sale is the herd bull, Golden Prince's Sultan 133333 and two other young bulls from high producing dams. Inability to procure competent help decided us to make this dispersion sale. A day of bargains for Jersey cattle breeders is sure to be the result. For a catalog address

AUCTIONEERS:
W. A. FISHER, JAS. T. McCULLOCH, Fieldman: J. W. Johnson.

J. A. Comp, White City, Kan.



Khol 359594 the high producing cow who has 10,000 pounds of milk, 556 pounds of butter (85 per cent fat) in seven months and is still giving a liberal amount of high testing milk.

Registered Shropshire Bred Ewe Sale

At public auction in Corning, Iowa, Tuesday, December 12th, 250 head Registered Shropshire Ewes, 75 yearlings, 50 head each of two, three and four year olds and 25 five year olds. Ewes were sired by Imported Minton, Buttar, Nock, Cooper and Corbett rams. Some from Imported dams. Safe in lamb to Imported rams of extra quality. Also 25 head of registered Cotswold bred ewes one to five years old. Sold in lots to suit. Breeding list furnished sale day.

Daniel Leonard & Sons,
COL. E. B. PIPER, Auctioneer Corning, Iowa

GUERNSEY CATTLE.

For Sale: 3 Registered Guernsey Bulls
Glenwood breeding; 6, 10 and 18 months old. Write for description and photos. John Ferrenoud, Humboldt, Kan.

AYRSHIRE CATTLE.

Louellaland Farm Ayrshires

JOHNSON'S GLORY LAD 18846 IN SERVICE.
For sale, a very choice four months old bull, sired by MARQUIS OF LOVELAND and out of a fine daughter of the great breeding bull GARLAND MEL-ROSE 21335. No better breeding in herd books. First check for \$75 buys this bull.
JOHNSON & MATTHEWS R. R. 1, Alta Vista, Kan.

POLLED DURHAM CATTLE.

Double Standard Polled Durhams Young bulls and females for sale. **C. M. HOWARD, Hammond, Kansas**

Polled Durham & Shorthorns for sale

100 Registered
Roan Orange, Weight 2100, and Sultan's Pride 1st at Kansas, Nebr., Iowa and Oklahoma state fairs. Heads herd. Will meet trains. Phone 1602.
J. C. Banbury & Sons, Pratt, Kan.

RED POLLED CATTLE.

FOSTER'S RED POLLED CATTLE Write for prices on breeding cattle. **C. E. FOSTER, R. R. 4, Eldorado, Kansas.**

RED POLLED cows and heifers, bred or open, also two May bull calves. **I. W. FOULTON, MEDORA, KANSAS.**

MORRISON'S RED POLLS

Cows and heifers for sale. Write us your wants. **Chas. Morrison & Son, Phillipsburg, Kansas**

Pleasant View Stock Farm

20 Red Polled heifers and young bulls for sale; can furnish herds not related. Also Percheron horses and Poland China hogs. Halloran & Gambrill, Ottawa, Kan.

Red Poll Dispersion!

25 cows with calves at foot by Nov. 1. 8 two-year-old heifers bred. 4 yearling heifers. Nine yearling bulls. Also the herd bull, Gladhand. Sickness in my family compels me to leave the farm. A young herd of real merit. Write at once.
U. E. HUBBLE, STOCKTON, KANSAS.

Riley County Breeding Farm RED POLLS—PERCHERONS

25 cows and heifers for sale. Young bulls ready for service in the spring. Inspection invited.

Ed. Nickelson, Leonardville, Kan.

ABERDEEN ANGUS CATTLE.

ANGUS CATTLE 150 young bulls and heifers ready to ship.

Berkshire Hogs
SUTTON & PORTEOUS, Lawrence, Kan.

Aberdeen Angus Cattle
Herd headed by Louis of Viewpoint 4th, 15064, half brother to the Champion cow of America.
Johnson Workman, Russell, Kan.

HEREFORD CATTLE.

Two Registered Hereford Bulls

For sale. One 4 years old (wt. 1950) and one 2 years old. Also some good Percheron stud colts. **Mora E. Gideon, Emmett, Kansas**

SMITH COUNTY HEREFORDS

8 yearling bulls for sale and two younger, that will be ready for service in the spring. Also some females.

S. D. Seevers, BREEDER, SMITH CENTER, KANSAS

BLUE VALLEY BREEDING FARM

20 Years Breeding Herefords. 100 breeding cows.

For Sale: 12 bulls ready for service in the spring. Seven extra choice spring heifers at \$85 each. Two March bull calves that are herd bull prospects. Spring Poland China boars (two fall yearling boars) eligible to record. 100 big boned, farm raised Barred Rock cockerels.

FRED COTTRELL, Irving, Kansas
(Marshall County)

HEREFORD FARM

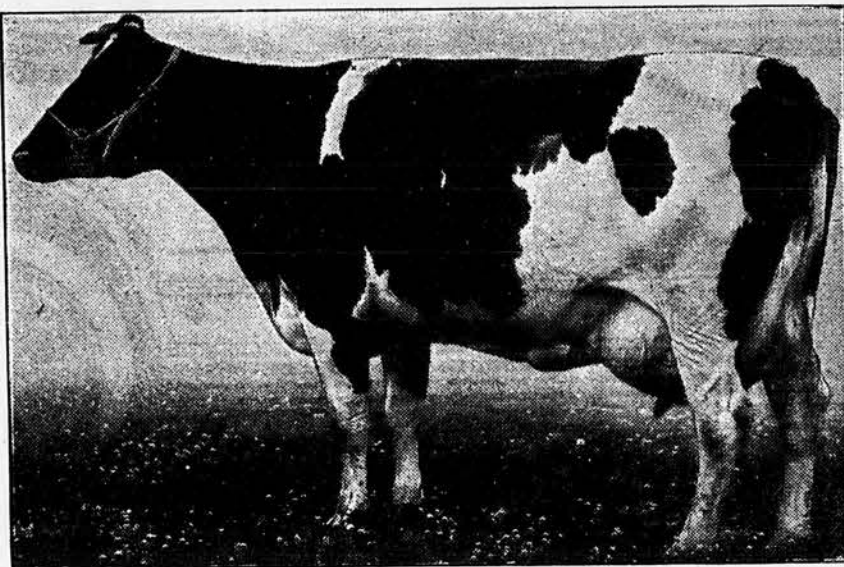
Our Herefords prove profitable in the hands of their purchasers. Best of breeding and individual merit.

T. A. Wallace Barnes, Kan.

Important Holstein-Friesian Sale

80 head of cows and heifers, consisting of cows just fresh and heavy springers. A carefully selected offering of extra high grade. Every one of them will prove a valuable acquisition to any dairy herd in the West. Sale will be held rain or shine in the big sale pavilion.

This is a big sale and it consists of the dispersal of the R. J. Hill Dairy herd and some extraordinary cows and heifers consigned by Dr. Schuyler Nichols of Herington, and F. C. Meyers.



There will be 30 head of extra choice heifers two years old that will commence to freshen two weeks from date of sale.

15 head of four and five year old cows fresh now, every one a good one.

20 head of choice young cows, due to freshen in December.

10 head of fine, coming 2-year-old heifers, due to freshen in spring.

5 head of registered bulls nearly all ready for service now.

Herington, Kan., Wednesday, Dec. 13, 1916

NOTE: I desire to say to those who are in the market for choice Holstein cows and heifers that the above offering is one of real merit, and as manager of this sale I take pride in being able to assist in the distribution of this class of Holstein cattle. There will be in the R. J. Hill herd, 10 head of fine Jersey cows and heifers, fresh or due to freshen soon. Write for detailed information. Please mention Farmers Mail and Breeze.

Auctioneers—Jas. T. McCullough, J. G. Engle, Lester Lowe. Fieldman—John W. Johnson. You can reach Herington very conveniently on morning train from any direction.

W. H. MOTT, Sales Manager

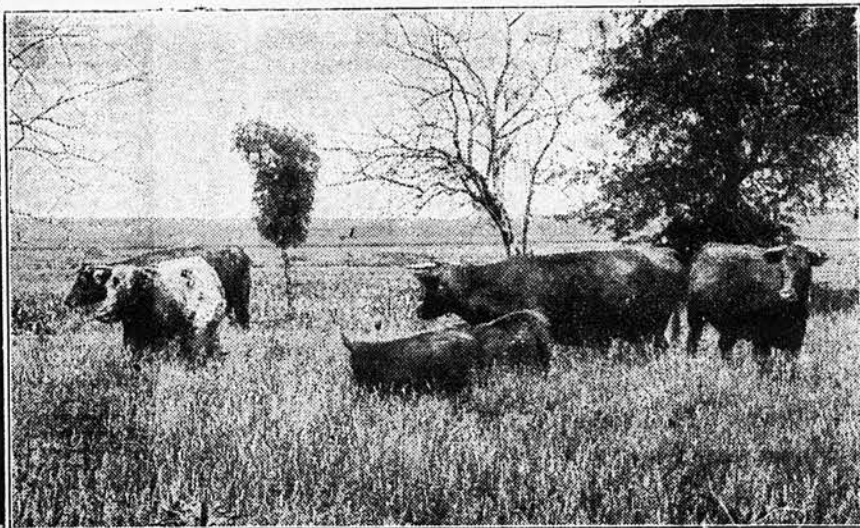
J. A. Comp Sells Jersey Cattle at White City the Day Following.

Public Sale Shorthorn Cattle

D. N. Price will sell in Seneca's City Sale Barn

Seneca, Kan., Tuesday, Dec. 19

A Select Shorthorn Offering



This Type of Shorthorn Pays on Any Farm.

**35 Head—31 Cows and Heifers and 4 Bulls
Seven Cows With Calves at Foot**

Sires used in the herd have been: Nellie's Hero 260500; Prince Butterfly 329152; Good Scotchman 323818, and Prince Imperial 395417. Good Scotchman, a grandson of Choice Goods and Imp. Royal Pride, one of my herd bulls, and sire of a number of the heifers in the offering. The present herd bull bred by T. J. Sands, a grandson of the famous sire, Snowflake.

Write and get a copy of the catalog and come to the sale. **Terms of Sale:** Cash or credit of 10 months will be given, purchaser giving bankable note bearing 8 per cent from date of sale.

D. N. PRICE, Owner, Baileyville, Kansas

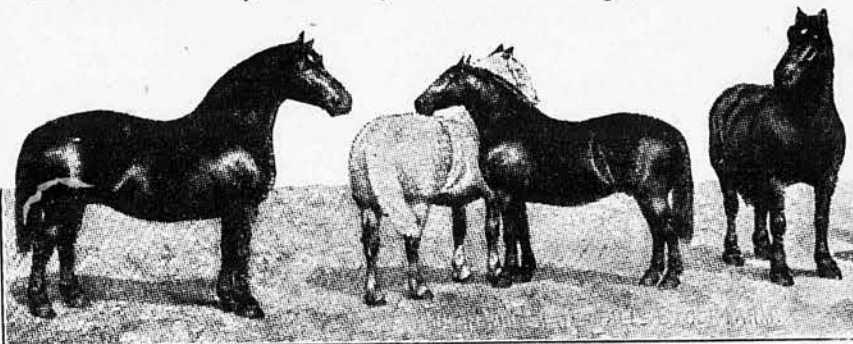
F. B. Wempe, P. A. Lally and Lafe Burger, Aucts. J. M. Everts, Clerk. J. W. Johnson, Fieldman.

Twenty-Second Sale

**50 Registered Percheron
Stallions, Mares and Colts**

Whitewater Falls Stock Farm

Towanda, Kan., Thursday, Dec. 14



TYPICAL ROBISON PERCHERONS

**20 Stallions from weanlings to mature age
30 Mares from weanlings up**

Stallions and Mares sired by Casino and mares bred to him.

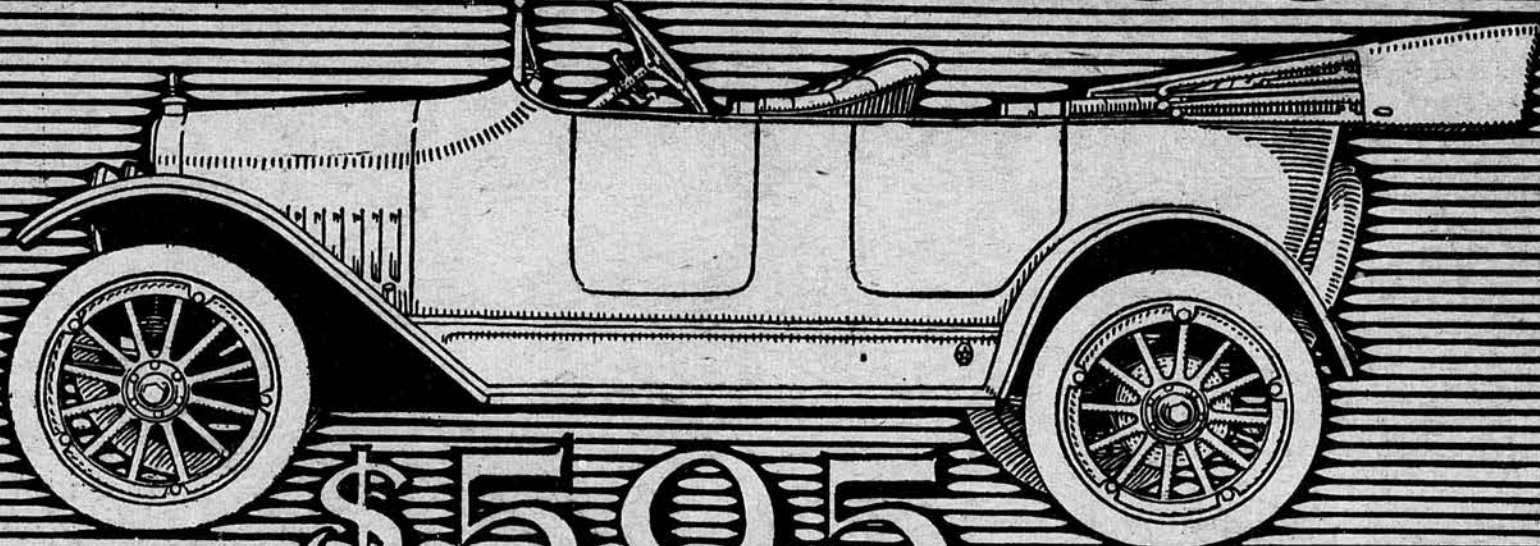
There has never been a more useful lot sold in the West. Come where you can get the best that grows.

Sale to be held in Sale Pavilion on the farm 4 miles Northwest of Towanda, Kan. Free conveyance to farm. For catalog, address

J. C. Robison, Prop., Towanda, Kan.

Auctioneers: Fred Reppert, J. D. Snyder, W. M. Arnold, Boyd Newcom. Fieldman, A. B. Hunter.

Maxwell



\$595

FOR DETROIT

An Engineer's Opinion

This letter from an eminent engineer is typical of the experience of thousands of Maxwell owners. It covers the vital points of the Maxwell Car—the points in which you, as an automobile buyer, should be interested:

"When I heard about the wonderful value in the 1916 Maxwell Car I commenced to investigate, with the result that I sold the roadster I used to own to buy what I consider a more efficient car, the Maxwell.

"I placed my order and was fortunate in receiving through your live-wire agent, Mr. Lustbaum, of this city, the first 1916 runabout in this section of the country. I was favorably impressed and pleased with my car from the start, and now, after several months of service, I am entirely convinced that my judgment was right in replacing my other car with a Maxwell for a business car.

"As industrial engineer for the Consolidated Gas Company of New Jersey, I must have a car that will give me service throughout the entire year, winter as well as summer. My operation is hard on a car, as I drive it every month of the year, through storm as well as clear weather, and through muddy as well as smooth, dry roads. My mileage per gallon is necessarily low proportionally because I have a great many calls to make which of course necessitates many starts and stops, which tend to make poor efficiency records; this is also accompanied by considerable idling of the engine. However, for four months of operation I have averaged twenty-three miles to one gallon of gasoline, which is

considerably higher than I was able to obtain with my other car.

"The self-starter equipment throughout on my Maxwell is apparently well constructed and to date has given me no trouble at all, and yet I see every day other cars laid up with starting and ignition trouble.

"The points that appeal to me more strongly as I continue to drive my Maxwell are: The ease of operation; low maintenance cost; the advantage of demountable rims and one-man top; the cool effect derived on warm days in the driving compartment due to the double ventilating windshield; the high tension magneto entirely separate from the lighting and starting system; the truly irreversible steering wheel, a great asset in sandy and muddy roads, and most important, the high efficiency in the consumption of gasoline and oil.

"In my opinion the 1916 Maxwell Car is by far the best buy and greatest value for the money of any make of automobile made in the United States this year, when the matter is carefully considered from every standpoint. I remain, 'Yours very truly,

"Long Branch, N. J." "HAROLD W. DANSER.

The Maxwell will serve you as it is serving Mr. Danser—as it is serving thousands of others all over the country.

Touring Car, \$595

Roadster, \$580

Write for Catalog No. 1 of the Complete Maxwell Line

Maxwell
Motor Company Inc. Detroit, Mich.

