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If Petroleum Were Wiped Out Today

IF petroleum were wiped out today, factories would close their doors, agricultural machinery could no longer be made or operated, food could be raised only by primitive methods, and the transportation of food would be confined to horse power and water, for railroads could no longer run their trains, and before any adjustment could be made our great urban population would literally be starved to death.

The prosperity of all industrial nations is based upon petroleum.

The peak from which floats the flag that symbolizes the prosperity of the United States arises from a basic foundation of crude oil.

The underlying foundation of this prosperity is lubricating oil, for without this essential product of petroleum, the machinery of the world would stop and the world's reserve of lubricating oils, though vast in volume, would last but a few weeks at our present rate of consumption.

The next essential factor is kerosene and gasoline, for without the first, one half of the population of the world would be without light at night, and without the second, all types of internal combustion engines would be useless, and the automobile, tractor, truck, marine and aviation engine would be mere curiosities.

If lubricating oil, kerosene, and gasoline were available, but the hundreds of by-products made from the residue of petroleum were wiped out, many industries would be closed and unemployment would be general, for in nearly every industry one or more of these by-products are necessary in the manufacturing processes.

Thus is visualized by an extreme presentation—purely imaginative—of what might happen if petroleum, or any of its major derivatives, were wiped out over night. Also it shows the importance of the work the Standard Oil Company (Indiana) is doing in helping supply one of the basic, economic needs of the nation, and emphasizes the importance of the service the Company renders in promoting the comfort, health, and happiness of the individual citizen.

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Our Washington Comment

By Senator Capper

REVISION of the Income Tax law in order to equalize more nearly the burdens of taxation is one of our urgent needs, and should receive the prompt attention of Congress. Demand for such revision was voiced by the American Farm Bureau Federation at its recent convention in the following resolution, which I have submitted to the Senate in the form of a memorial to Congress:

"We demand of Congress the simplification of the Income Tax law. This should be made so plain that its intent cannot be misunderstood and all opportunity for its interpretation by administrative officers should be eliminated. We protest most earnestly against the exercise of the legislative function by officials who properly have to do only with administrative affairs."

No one who has had to deal with our Income Tax law—and that embraces millions of farmers as well as business men—can fail to appreciate the justice of this demand and the soundness of this criticism. Even business men and business concerns that have the most complete bookkeeping systems find it almost impossible to comply with the requirements of the Income Tax law. So difficult of understanding are the instructions of the administrative officers that no one can be sure that his return is correct after it has been made with the most painstaking care. Even the tax officials themselves are never sure, as is shown in the fact that the Treasury Department still is checking tax returns for a period as far back as 1917. Many farmers have not and cannot have an elaborate system of bookkeeping. They have not the time to keep accounts in the manner required by the Treasury Department's instructions in order to ascertain the exact amount of their taxable income, and they should not be required to do so. The law should be so revised and the rulings of the Treasury Department so simplified that the making of the annual tax return should be simplicity itself. Such simplification would render the administration of the law much easier and less expensive. Every consideration of fairness to the taxpayer and economy of administration of the law demands this change.

Excess Profits Tax

The profiteers have a very pretty scheme devised for their own relief in the proposal to do away with the excess profits tax and thereby place a further burden on all incomes below \$5,000 a year. A pretty good case can be made against the excess profits tax, on the ground that its tendency is to pass the tax to the consumer in the form of higher prices, but it cannot be denied that it has been a revenue producer. I am not at all sure that the profiteer would not have gouged just as hard if such a tax had not been imposed, and I am unalterably opposed to doing away with the excess profits tax until some better plan for raising the amount of revenue now derived from it can be found than has yet been suggested. Unbelievable as it may seem, Secretary Houston of the Treasury Department has subscribed to this scheme to relieve the rich profiteer and still further burden the person of small income. In his annual report he even has gone further. He has actually suggested that the rate of taxation on enormous incomes be reduced and that the rate of taxation on incomes below \$5,000 a year and between \$5,000 and \$10,000 a year be increased 50 per cent. Probably no more glaring discrimination in favor of the rich was ever made by a Government official. Just how base the proposal is may be seen from the report of the Internal Revenue Bureau recently made public, which disclosed the fact that 70 per cent of all the income taxes paid the Government last year came from those having incomes between \$2,000 and \$4,000 annually. Yet the Secretary of the Treasury would impose still greater burdens on this class of taxpayers and relieve by a lower rate persons having much larger incomes.

That Congress will follow the suggestions of Secretary Houston is not conceivable. The whole purpose of his recommendations appears to be to re-

lieve still further from the burdens of taxation the railroad magnate, the Pullman baron, the steel profiteer, the international exploiters and every type of rich man who has profited unconscionably at the expense of the average citizen during and since the war.

Put Grafters in Jail

When we shall hear an end of the story of boodle and graft during and since the war cannot be foretold. Every day brings new revelations. Recently a witness testifying in the coal profiteering investigation told a story about a group of Government employees, headed by a former dollar-a-year man, that cleaned up a half million dollars thru advance information obtained by reason of their Government positions, in dealing in coal. I hope this probe will go still deeper and uncover the names of these present and former Government officials who took advantage of their public positions to wax fat on private graft. Men of this kind are traitors to the Government they pretend to serve. They should be exposed, tried and forced to serve prison sentences for thus betraying the public trust with which they were charged. Only by such means can grafting and pillaging of the public be restrained in the future.

An Unfair Trade Practice

I recently addressed the following letter to the Federal Trade Commission, relative to a practice that has grown up in the steel business and which to my mind is entirely indefensible:

"I respectfully direct your attention to the following resolution, adopted by the American Farm Bureau Federation, and give it my emphatic endorsement:

We are unalterably opposed to the Pittsburgh Plus plan as a basis for steel prices or the application of this principle in fixing prices for other commodities and request a ruling by the Federal Trade Commission that will stop such practices."

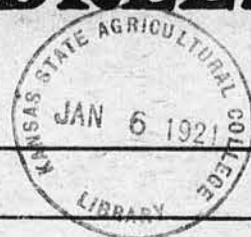
"An inquiry into the Pittsburgh Plus plan will disclose, I am sure, that it has no basis in sound economics and is no more and no less than an artificial device to gouge the consumer of steel products in the interest of the steel manufacturers. As a purchaser of automobiles, tractors, threshing and harvesting machines and all kinds of farm machinery of which steel and iron form so large a part, the farmer is peculiarly the victim of this indefensible practice.

"The farmers of the country are justified, in my opinion, in denouncing the practice of adding the freight rate from Pittsburgh to the point where steel products are manufactured, even when no part of the products have been obtained from Pittsburgh as a pernicious discrimination against Western and Southern users of steel products. The plainest dictates of ordinary square-dealing suggest that consumers of steel products should be permitted to buy products from nearby plants without having the freight rate from Pittsburgh to the point of manufacture added to them. The farmers properly draw the conclusion that discrimination of this kind, if countenanced, may be carried to other industries and result in saddling more industrial taxes of this kind on the consuming public.

"Such unfair trade practices certainly are worthy of consideration by the Federal Trade Commission, and I hope an inquiry will be instituted immediately with a view to relieving the consumers of our Western and Southern territory from the unjust burden thus imposed on them."

Arthur Capper
Washington, D. C.

The sun's course must be considered in connection with the planning of the stock shelters and yards. For instance, barns for stock should be placed with their long axes north and south, to give either side the benefit of the sun for one-half day, and also to allow cooling summer breezes to blow thru the buildings.



Good Yields—Obtained as a Result of Careful Methods of Soil Management—are Necessary if Kansas is to Make Real Agricultural Progress.

SOIL fertility and the necessity for larger yields will get more attention in Kansas in the next few years. The war era has passed, and the readjustment will place the cropping systems on a more substantial basis. This means real crop rotations and a larger acreage of the legumes.

Kansas farmers were making good progress in developing better methods of crop rotation when the war came. The acreages of the leading legumes were being increased, and much progress had been made in many communities in getting rid of the one-crop grain farming systems so common 10 or 15 years ago. Then came the war, and the necessity for maximum grain production. The excellent way that Kansas responded to this appeal will always be a credit to the state. The acreage of wheat, especially, was increased to an amazing extent. Judging from the opinions of farmers the planting next fall will be reduced greatly.

It is about time that the soil fertility needs of the state should be considered carefully. Yields have been dropping steadily for many years, until on some fields they have gone below the cost of production. If the methods of grain farming used on so many fields are continued it is only a question of time until the larger parts of the soil of Kansas will be in just this condition. In the words of the fledgling reporter, "it is high time that something should be done" in placing Kansas soils in a condition so higher yields are possible.

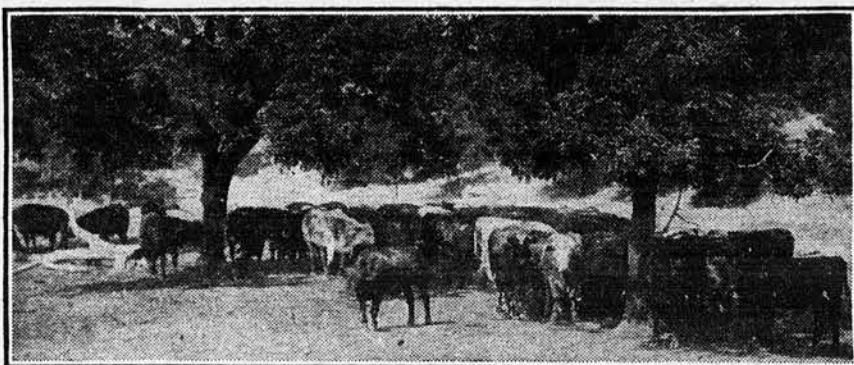
While there are many complicated technical points in the developing of soil fertility methods, the big immediate practical changes needed in the soil management systems are simple—every good farmer knows them, and probably has applied them to some extent at least. The main thing is to get a rotation started which is adapted to the conditions under which he is operating. A good rotation will as a rule have an intertilled crop such as corn or kafir, a spring sown crop like barley or oats, a crop for which the seedbed is prepared in the summer, such as wheat, and a legume such as alfalfa or clover.

Perhaps the most important thing of all is to increase the acreage of the legumes. The acreage of alfalfa in Kansas ought to be doubled, and it could be with great profit; not on every farm, perhaps, but considering the state as a whole. A big increase in the acreage of Sweet clover is also needed, and Red clover and cowpeas have a much larger place in the Eastern part of the state. Prices of the seeds of the leguminous crops are fairly low this year, and there is a good chance for the planting of a huge acreage.

If a good crop rotation system is adopted it will naturally tend to increase the interest in livestock production. When several crops are grown there is likely to be a production of feed which can be used in the most efficient way only when farm animals are kept to eat it. While it is true that some unhappy things have occurred in the livestock business in the last two years, it also is true that fundamentally the position of livestock farming is just as secure in America as it ever was, and the necessity for

in the saving of manure makes up some fundamentals for a good rotation system.

More diversified methods such as these are required in almost every section. The need for these is especially evident in many communities of Southeastern Kansas, where grain and hay farming have done a great deal of damage on the light shale and sandstone soils found on many fields. The evils of hay farming are especially evident in Woodson county—the center of the prairie hay business of Kansas—where for year after year the soil fertility has been mined out, and shipped away in the cars filled



Despite the Troubles Which the Livestock Producers Have Had in the Last Two Years, This Type of Farming Will Grow Greatly.

with hay. An additional tragedy is supplied by the fact that in a large proportion of cases this has been at little or no profit.

Northeastern Kansas, which in most cases has a fertile soil, thanks largely to glacial action, has gone in for too much corn farming, in many communities. The soils have stood up well under the grief of grain farming, but they have got to the point on many fields where the use of a good crop rotation, and especially the growing of a legume, will be helpful.

In the leading wheat sections of Central Kansas the growing of this grain has been greatly overdone—more livestock and legumes would be helpful. That livestock farming will pay, in this section where there has been so much wheat growing, is well indicated by the examples of at least one or two men in almost every community. May the number of these good stockmen increase!

L. E. Call, professor of agronomy in the Kansas State Agricultural college, in speaking of the need for a larger acreage of the soil improving crops, recently said:

"Good rotations should be put into operation on every farm in Kansas. An effort should

Let's Increase the Crop Yields

By F. B. Nichols

it in Kansas, in view of the declining crop yields, all the more evident. A good crop rotation, with a big acreage of the legumes, in combination with an efficient system of livestock management and care

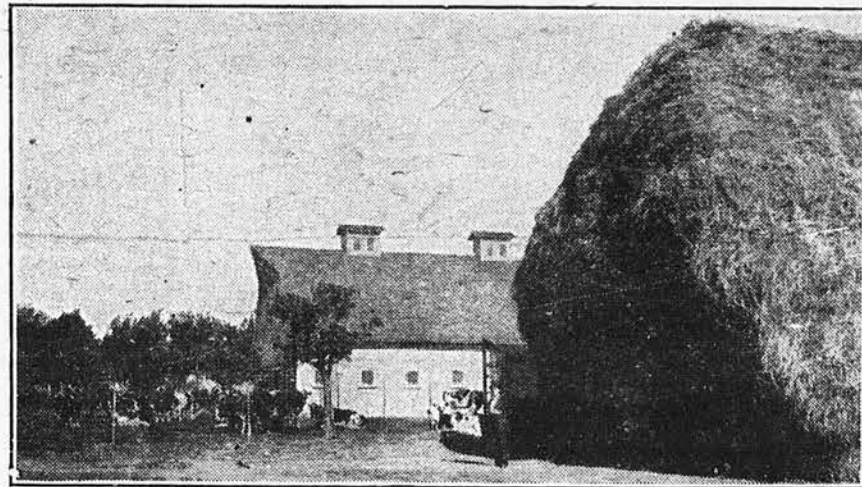
be made to grow as large an acreage as possible of grasses and legumes, and these crops should be rotated with the grain crops. The hay produced from the grasses and legumes should be fed largely to livestock and the manure returned to the farm. The value of a good rotation and of barnyard manure was well shown in 1919 by the results secured from the rotation and soil fertility plots at the agricultural college at Manhattan when the yield of corn grown on land cropped to this crop continuously for 10 years is compared to the yield of corn grown in rotation with other crops.

"On upland soil where conditions were unfavorable, the yield was but 6½ bushels an acre where corn had been grown continuously for the last 10 years. Another plot that had been cropped continuously to corn for the same period but which had received an application of 2½ tons of manure every season produced 9 bushels of corn an acre. The manure, instead of decreasing the yield as many men would expect, in a dry season, increased the yield 2½ bushels. This has been the case in every instance where manure has been applied in small quantities over a period of several years."

In a simple rotation of two crops of corn and one of wheat on the college farm, the yield of corn was 15½ bushels an acre. In a rotation of corn, cowpeas and wheat, where the cowpeas were cut for hay, the yield of corn was 20 bushels an acre, and when barnyard manure was applied in this rotation to the corn at the rate of 5 tons to the acre, the yield was 26½ bushels. A good rotation has in this case increased the yield more than three times and when manure was used, the increase for the manure equaled the yield of the unmanured continuously cropped corn.

On a field that had grown corn two years, wheat one, alfalfa four years and was in corn for the second year after alfalfa, the yield of corn was 10½ bushels an acre. Manure applied in this rotation at the rate of 5 tons once in three years increased the yield to 17 bushels, a considerable amount.

In the extreme Eastern part of the state, where Red clover is grown extensively, and where corn is the major crop, as in Northeastern Kansas, a good rotation is: first year, Red clover; second year, corn; third year, corn; fourth year, oats or wheat; and fifth year, wheat with which Red clover is seeded. Farther south, kafir may be substituted for the first crop of corn in this rotation. In the section of Southeastern Kansas where Red clover is an unsatisfactory crop, cowpeas can be grown for hay or pasture after harvesting a crop of wheat.



Dairy Cattle, Well Equipped Barns and Alfalfa are Playing an Increasingly Important Part in the Agriculture of Kansas.

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Passing Comment—By T. A. McNeal

THE War Department and the Navy De-
 partment are asking Congress to appro-
 priate more than 2 billion dollars for the
 support of the Army and Navy. Repub-
 lican leaders say they are not going to grant
 the request and they are taking to themselves
 much credit for the saving they propose to
 make. Yet even the Republicans do not propose
 to cut the Army much if any below 200,000 men
 and the Navy is to be kept not only up to its
 present standard but increased in size. This
 means that even if these economists make the
 savings they plan our Army and Navy will
 still be twice as large as they were in peace
 times before the Great War began.

At the same time our sympathies are being
 continually stirred up by the stories of suffer-
 ing in Europe caused by the war. If I had the
 power this is what I would propose. I would
 reduce the National Army and Navy to the size
 necessary for internal police protection. For
 that purpose a standing army of 25,000 men
 would be sufficient.

An average of 100 well drilled, picked men,
 in a state, always ready to act in case of a
 riot or other disturbance too formidable for the
 local police to handle, would be sufficient and
 5,000 men distributed thru the island and other
 outside possessions, would be sufficient. All the
 Navy we would need for police purposes would
 be a few swift, armed revenue cutters or
 cruisers. The total appropriations necessary to
 support such a police force would not need to
 be more than 100 million dollars all told. I
 think it could be maintained for less.

Then I would say to the other nations, dis-
 arm and we will appropriate 2 billion dollars
 to feed and clothe the hungry, re-establish in-
 dustry and put war worn Europe on its feet
 again. We will donate this large amount with-
 out interest and give you 20 years in which to
 repay the principal. But we will insist that
 you disarm. We do not propose to donate the
 billions raised by taxing our own citizens to
 save you from starving while you are continu-
 ing to spend billions in preparing for further
 war, further devastation and further starvation.

I have urged all readers of the Kansas
 Farmer and Mail and Breeze to give all they
 are able to give to help feed the starving chil-
 dren of Europe. That is a present emergency.
 These children cannot wait for Congressional
 action, but while I would urge you to be as
 liberal as your means will permit in giving to
 the starving of Europe and China, I am con-
 vinced that the program I have outlined for
 the future would work and that it would bring
 peace to the world.

Farm Communities

I LISTENED with a great deal of interest the
 other day to the talk of Prof. Elwood Meade,
 of California, on the Farm Community plan
 which is being tried out in that state and which
 was really copied from the plan already in
 operation in Australia and New Zealand.

Briefly expressed the California plan is this.
 The state appropriated \$250,000, which was put
 into the hands of a commission authorized to
 purchase an experimental tract of not more
 than 10,000 acres of land, which was to be di-
 vided into tracts and sold to actual settlers,
 with the condition attached that the purchaser
 must actually reside on the land for a period of
 10 years, or in case it was sold the subsequent
 purchaser must also be obligated to actually
 live on the land. The prime object of the ex-
 periment was to do away with land tenantry
 and keep the land in the possession of the own-
 ers of it who till it.

The commission purchased 6,000 acres of land
 for the first experiment. This was divided
 into tracts of 52 acres. Before selling the land
 to the settlers the state, thru the commission,
 put in an irrigating system, and put the tillable
 land into crops, mostly alfalfa, so that the pur-
 chaser started with a farm already in a state
 of cultivation. Houses were also built by the
 state and by reason of the fact that materials
 were purchased in car load lots, the cost of con-
 struction was very materially decreased. In
 other words the state got wholesale rates on
 material, such as cement, lime, lumber and
 other material necessary in the construction of
 the buildings.

In fixing the price to the purchasers, all the
 cost of improvements, including the expenses of
 the state commission and the cost of a farm
 adviser for the community, was added to the
 original purchase price of the land. This made
 the cost to the purchaser \$183 an acre. The
 land was sold on the amortization plan, the
 purchaser being given 36 years in which to pay
 for the same in equal annual payments. The in-
 terest rate on deferred payments was reckoned
 at, I think, 5½ per cent.

Acting on the theory that the purchaser
 should have some stake in the venture the re-
 quirement was made that he must invest at
 least \$1,500. Then the state made him a loan
 up to a maximum of \$3,000, for the purchase
 of livestock, farm implements and other nec-
 essary equipment.

This community known as the Durham com-
 munity, is engaged almost exclusively in the
 dairy business and this I may say was pre-
 viously determined upon by the state commis-
 sion. It was agreed that only registered stock
 should be purchased and a requirement was
 made that no cows should be purchased which
 had not been thoroly tested for tuberculosis. In
 purchasing the herd of cows the advantage of
 co-operation was demonstrated. By acting col-
 lectively an entire herd could be bought at much
 better prices than it would have been possible
 for individuals to obtain. However, the herd
 was sold to the individual farmers, by the com-
 munity association, the sale being made at pub-
 lic auction.

Instead of separating the milk and cream
 with individual separators all the milk is taken
 to a community separator, where the separating
 can be done at considerably less cost. The dairy
 products are marketed collectively and such a
 reputation for excellence and purity of product
 has been established that they bring consider-
 ably above the general market price for similar
 products in San Francisco.

Provision has been made for a certain num-
 ber of farm laborers in this way. Tracts of
 approximately 2 acres in area were sold to
 laboring men without any money more than
 enough to make an initial payment of 5 per cent
 on the purchase price of the land. Then the
 workman is assisted in building a house.

The result so far has been really rather aston-
 ishing. There have been no failures so far. The
 state of California has not lost a cent on its in-
 vestment in this enterprise and after investiga-
 tion the legislature of two years ago appro-
 priated a million dollars more to finance other
 enterprises of the same kind.

Of course conditions in California are differ-
 ent from conditions in Kansas. It evidently
 would be easier to form a co-operative com-
 munity where all the members of the com-
 munity are not only engaged in the same line
 of business, but in the same branch of the
 business, as they are in that community in
 California. In that case all are engaged in the
 business of dairying and have only to find mar-
 kets for their dairy products that are satis-
 factory.

What struck me as most important and sig-
 nificant in the talk of Mr. Meade was that there
 had been no failures among these settlers. Some
 of them had been counted as failures up to the
 time they went into the community. There seem
 to be two reasons for this: First, these per-
 sons have the stimulus of the example and help
 of their neighbors. They have the advantage
 of being able to a very considerable extent
 control the markets in which they buy and
 markets in which they sell. This the fid the
 acting in an individual capacity, is not former,
 to do. They also have the advantage of able
 collective credit.

I was also struck with a remark made
 by Mr. Meade in the course of his talk, which by
 suppose some might think smacks of Socialism,
 altho this is not a socialistic experiment at all.

Mr. Meade said that his wide experience and
 observation had led him to the conclusion that
 it was substantial equality of conditions which
 tended to contentment rather than the amount
 of wealth possessed by the individuals. In
 other words persons are as a rule reasonably
 contented when they are as well off as their
 neighbors and do not have to suffer any greater
 inconveniences and privations than the other
 persons who live in their neighborhood. He
 cited the case of persons on the frontier who
 had to endure a great many privations and
 hardships and enjoyed no luxuries, but who as
 a rule were happy and contented, largely be-
 cause they were all on an equality. There were
 no social distinctions. All wore cheap and prob-
 ably patched garments and every one ranked in
 society according to his popularity, not accord-
 ing to the amount of property he possessed.

It is also true that in such frontier commu-
 nities there was more genuine friendship and
 helpfulness than in old settled communities
 where some had acquired wealth and luxuries
 while others were poor. With the accumulation
 of wealth comes selfishness, snobbery and envy.
 The rich get the notion that they are somehow
 superior to their poor neighbors and either snub
 them or meet them with a patronizing look
 which is about as bad. The poor on the other
 hand are likely to envy and possibly may hate
 their richer neighbors whom they imagine have
 taken some advantage of them. The Golden
 Rule is abrogated, society becomes stratified
 and the cynical doctrine of "get what you can
 and keep what you are able" becomes the gen-
 eral rule of action.

Why Hard Times?

MEN know better how to produce now
 than at any time previous in the history
 of the world. Inventive genius and
 science have made it possible to produce the
 things necessary to the health and well being
 of the children of men with less labor than
 ever before. Science and invention have de-
 vised creature comforts of which our fathers
 never even dreamed. The means of transporta-
 tion have been developed to the extent that it
 is possible for the products of every clime to be
 carried swiftly to every other region of the
 globe and kept in a state of preservation so
 that they are received fresh and perfect thou-
 sands of miles from where they were produced.

Naturally a visitor to this world from some
 other planet, if he had been apprised of these
 things would anticipate that he would find a
 world filled with happiness, health and content.
 Instead of this he would be astounded to find
 a world filled with discontent, disease and
 misery. He probably would have hard work to
 believe that nearly or quite half of the popula-
 tion of the world actually is starving, and that
 even among those of the more fortunate half
 comparatively few were prosperous and fewer
 still content. He naturally would not be able
 to understand the maladjustment of things and
 would conclude that this world of ours must be
 ruled by supreme selfishness, but a selfishness
 which was incomprehensibly stupid and that
 most of the written and oral statements of sup-
 posedly wise men were the oracular braying of
 blind fools.

Just now the utter folly and stupid selfish-
 ness of the way in which the world is governed
 is brought home to me by some pictures sent
 with appeals to help the starving children of
 Europe. These pictures of these poor, unfor-

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fortunate children would excite the pity and compassion of any individual who has any spark of humanity in him. We are asked to give enough so that \$1 a month can be spent for the feeding of these children.

It will require about 33 million dollars. We ought to give it 10 times over. I can scarcely see how any person really can enjoy a meal when he knows that millions of innocent children are starving to death. So if you have a dollar give it and if you haven't and can earn one, earn it and give it at the earliest possible moment. That is our immediate duty. But that is only temporary relief. It isn't getting at the root of the trouble. It isn't curing the disease that is destroying civilization and making our professions of Christianity a farce.

We are asked to contribute a paltry 33 million. At the same time Congress is contemplating spending more than 2 billion dollars for the Army and Navy for only one year. Thirty-three million to feed starving children; 2 billions to prepare for war which makes more starving children. If there is a just God who rules over the destinies of men, it seems almost a wonder that He does not wipe out the present generation, wearied by its hopeless incapacity and folly.

The last war cost the nations involved more than 200 billion dollars directly and as much more indirectly. If one-tenth of the sum, worse than wasted in war and destruction, had been applied to building up the arts of peace; in honest endeavor to make the world a better place in which to live, there would be no starving children either in Europe or any other part of the world.

If the great Government of the United States would announce that from now on it proposed to be in fact as well as in name a Christian nation; that it intended to disband its Army and dismantle its war ships and cease the manufacture of weapons of war and depend on the good faith of other nations I believe that it would bring peace to the stricken world.

Of course it will not be done. On the other hand I will be denounced for making the statement I have just made. I will be sneered at as an impracticable pacifist who would leave his country defenseless to the attacks of its enemies. I will be told that the best way to prevent war is to prepare for war, notwithstanding that the world has been acting on that theory until civilization is staggering and Europe is filled with the feeble cries of the starving victims of this cruel and stupid policy.

If our civilization cannot make a better showing than it is making it deserves to be destroyed. So long as those who sit in places of power hold to the doctrine that war is necessary there will be war and so long as the policy of preparation for war continues the world will be, at more frequently recurring intervals, deluged with blood until anarchy succeeds order and topples over the carefully reared structures of organized governments. But we cannot in a day or a month or a year undo the harm done by a mistaken policy.

Just now there is as I have pointed out, a duty to perform. There are millions of starving men, women and children in Europe. Those children are not to blame. Let us feed them. There are millions of children starving in China. Let us help to feed them. There is not any reader of the Kansas Farmer and Mail and Breeze who is suffering for lack of food. There is not one who cannot spare at least a dollar and that means \$125,000 if each one gives just a dollar. Many persons can spare \$5 and many can spare \$10. When will the time come when men and women will be ashamed to live fat when other human beings, with no fault of their own, are starving?

Questions and Answers

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

1. Is it unlawful to ship cigarettes into Kansas for private use?
2. Can a person be sentenced five years to prison for sending the so-called endless chain prayer thru the mail?

The answer to both questions is no.

1. Why is it that our taxes are raising every year when our Leavenworth county authorities say the county is out of debt? My taxes have raised from \$86 to \$184 since 1914.
2. Did amendment No. 3 pass the last election, and what was meant by amendment No. 3?

1. Naturally, county expenses have increased during the past five years just as the cost of living has increased. This will account in part for the higher taxes. It is also possible that your county officials have not used proper economy.

2. Amendment No. 3 was known as the Good Roads amendment. It provides that the state may aid in the construction of roads and high-

ways to the extent of not more than 25 per cent of the cost of the road or highway in any county, and in no case shall the state be obligated to the extent of more than \$10,000 a mile, nor for aid in building roads in any one county to the extent of more than 100 miles, except that in counties that have an assessed valuation of more than 100 million dollars the state might assist in building 150 miles of highway. At present this would apply only to one county, Wyandotte, which is the only county that has an assessment of more than 100 million dollars. If the road then cost \$10,000 a mile, the state would be permitted to assist to the extent of \$2,500 a mile. If the road cost \$40,000 a mile, the state aid might amount to \$10,000 a mile.

A buys a farm from B and they make agreement to make final settlement in February—A giving \$500 cash, which he will forfeit if the contract is not fulfilled. B buys another farm from C and has taken possession and left the farm A bought vacant. A has rented the farm he bought to D. If he fails to fill the contract, can D hold possession for the coming year, or will he just hold the wheat? W. M. S.

While A did not have title to the land, and, therefore, had no right to rent or lease the same except with the consent of B, the facts seem to be that he did so rent the land to D with B's consent. It is my opinion, therefore, that B is bound by this contract and that D has the right to hold the land for the term for which he rented it.

I am the only child by the first marriage of my father. My mother died when I was small. My father remarried and has three children by his second wife. He has accumulated considerable real estate since his second marriage. I remained at home and helped him make it, even after I was of age. For this labor I received but a small salary. After the oldest child by his second wife was 14 years old they moved to town. If my father dies before my step-mother and leaves no will, what share of the estate can I claim? The property of the estate was in Kansas and Missouri. E. A. M.

You are entitled to one-fourth of the one-half. One-half of the father's estate will go to his surviving widow and the other half will be divided equally between his children.

1. Can you tell me where Ringling Brothers' circus is located for the winter?
2. How old does a couple have to be to get married in Kansas? Can a boy or girl marry before they are 18 without their parents' consent?

GERTRUDE M.

1. I do not know the present address of the Ringling Brothers circus. I think, however, if you will address a letter to Ringling Brothers' Circus, New York City, it will reach them.

2. The age at which males are permitted to marry without their parents' consent in Kansas is 21 and females 18. If they marry under those ages, however, the marriage cannot be annulled on that account.

I would like to know whether it is unlawful to catch skunks by hand, so as not to injure them in any way, put them in a large pen of fine mesh wire with good sleeping quarters, and feed them well; also, can skunks be kept for breeding purposes?

I would like to get the Kansas laws on hunting and trapping. Where can I obtain a copy? K. D.

The Kansas law makes the following provision:

"No person shall trap, take, or kill any muskrat, skunk, mink, raccoon, opossum, or civet cat between March 15 and November 15, both dates inclusive; providing further that this act shall not prevent the owners or legal occupants of land from killing these animals for destroying poultry or damaging property."

In Section 4946 of the same chapter the law provides for the propagation of game birds, but does not make provision for the propagation of skunks, so that so far as the law is concerned, it would seem to be unlawful to either trap or kill these animals except for the purpose of preventing them from killing poultry or damaging property.

If you will address a letter to the Fish and Game Warden, Pratt, Kan., you can, I think, get a copy of the game and fish laws.

Under the Kansas law when is a note outlawed? I took a note in 1914 for a certain sum on which the maker has never kept up the interest. I was wondering if I could write him, and getting an acknowledgment in writing, if that would be the same as a renewal of the note—or do you think I have lost out on it altogether? R. Y. G.

In Kansas a note on which no payments have been made for a period of five years becomes outlawed. But the note might be renewed either by getting the maker to make a small payment or by the making of a new note. If he is willing to acknowledge the validity of this note and his obligation to pay it, he will have no objection to making a new note; and on the other hand, if he intends to plead the statute of limitations, he will not, of course, acknowledge his liability on the note.

What is the legal age at which males and females may marry without parents' consent in New Mexico? J. L. R.

The state of New Mexico does not establish any particular age under which the parents' consent must be obtained.

We Finance War, Why Not Peace?

WHILE legitimate business and the farm industry still are going on starvation rations as to credit in this country, it is interesting to learn that Europe has had 8 billions of dollars of various classes of credit extended to it by the United States since the armistice, on top of the 10 billions it received during the war.

One day recently 55 million dollars' worth of Standard Oil bonds were oversubscribed within a few minutes after the books were opened. It appears money and credit can still be had instantly by any industrial giant, if we except the greatest and most necessary giant of them all—the farm industry—the United States' biggest business, the one which contributed more than 25 billion dollars to National prosperity last year.

When Uncle Sam needed another 500 million a few days ago, his issue of treasury certificates was over-subscribed 200 million dollars almost immediately.

If a Government can finance a war emergency, why can't it do something to finance a peace emergency? Didn't the present Administration do just that when last spring it advanced the railroads 600 million dollars?

This picture of the effect of the Federal Reserve Board's drastic "deflation" policy in the Middle West, comes from a wholesale dealer in oils and gasoline. He writes:

Tradesmen have sold goods to the farmers who must hold their grain, or take ruinous losses. They must sell pork at 9 cents that cost them 20 cents to produce; beef on foot at 5 cents that has cost 10 cents; wheat at \$1.40 or less that has cost from \$2 to \$2.25.

There is no money with which to pay bills. The tradesmen owe jobbers, wholesalers and manufacturers. These men desire to get their money. They are pushing the tradesmen. Many of the tradesmen who have gone as far as they can in their effort to sustain the farmers, have extended credit far beyond the usual time already, have borrowed until they can borrow no more, and unless relief comes soon must suspend, largely because some gamblers, with full knowledge of the situation, wished to indulge in their favorite "sport."

We deliver oils and gasoline direct to farmers, buying from refiners, selling at wholesale prices. Our bills nominally are due in 10 days and must be paid in 30 days. We now have accounts, many of them carried from before last harvest and a few from the season of 1919, for goods used to put out the crop harvested in 1920. This crop if sold at present prices, is not sufficient to pay the bills.

Farmers are desiring more goods but are not paying for what have been used. We have to replace stocks sold and that takes cash. The banks have shut down on all loans, and for what renewals they are forced to make to certain customers to protect themselves, they are demanding and getting 10 per cent. Many persons who own Liberty bonds, bought to save their country, are paying 10 per cent and getting 4 per cent on their bonds.

The spirit of resentment against these conditions is daily growing stronger. I am hearing many things in my journeyings among folks that show more than a strong determination that all manipulation and all gambling must be stopped.

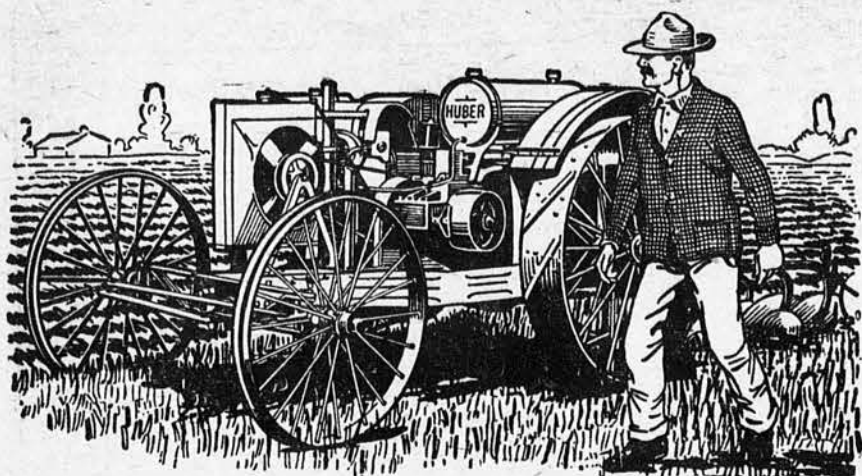
Because lenders were no longer able to renew loans to stockmen, excellent grades of cattle recently sold on the Kansas City market at 3½ cents which cost their buyers in many cases 7 to 10 cents. These men had to dump their cattle on a gorged market. This rigid deflation forced their home banks to call their loans.

Statisticians say there are from 25 to 30 per cent fewer cattle on foot this winter, with the greatest forage crop on hand we have had in years. But while our beef export business is dwindling, by another short-sighted policy we are assisting to bring about a shortage of American beef at home. Foreign countries are making the United States a dumping ground for meats, grain, hides and wool. Trainloads of Canadian live cattle are being sold daily on the Chicago market. Millions of frozen lambs are coming from New Zealand and Australia. Canadian wheat to the amount of 17½ million bushels is said to have been sold in the United States during October.

This mischief will soon be stopped. In the meantime I don't know a better way to use part of that 2 billions of additional credit which the Comptroller of the Currency says could be given by the Federal Reserve Board without improperly impairing the reserve, than in giving the American farmer, the man most essential to National prosperity, a helping hand.

Relief-less speedy and not so well organized is coming. The movement to revive the War Finance Corporation and impose a tariff against imports of wheat both are making progress. It now is a question simply of holding on until these or other aids come. At this writing prospects for the early New Year look decidedly brighter. We shall muddle thru if we cannot do better.

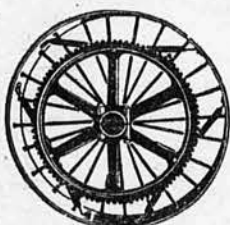
Arthur Capper.
Washington, D. C.



MAKES YOUR WORK GO THREE TIMES AS FAR!

ONE of the big problems of the farmer is to get his work done in something like the hours that the city man works, so he can hold his sons on the farm and keep the men he hires.

THE HUBER LIGHT FOUR cuts the labor of plowing and preparing the seed bed, and of harvesting to one-third of what it used to be and that means more leisure. It means bigger crops because the work can be done on the few choice days when the ground is just right. The **LIGHT FOUR** uses heavier tools and does the work more thoroughly. It is self-steering in the furrow.



The Huber Drive Wheel
Note how power is transmitted direct from the bull gear to the rim of the drive wheel of the Huber Light Four. The spokes carry weight only. They transmit no power. That means long life and perfect service. The wheels are especially high and wide of face for work on soft or uneven ground. This is only one of the many points of Huber Superiority.

But those tractor advantages are real advantages only when you can count on them with the same certainty that you used to count on the work of your horses. Thousands of power farmers have known the **HUBER** for years as the tractor "that always keeps going." Every part of the **HUBER** is as strong as every other part. And they all have been tested and tried by 20 years of tractor building experience. Every tractor is backed by a Nation-wide system of service branches.

THE HUBER LIGHT FOUR does all belt work on the farms efficiently and quickly, even to driving a light thrasher. Write for booklet—"The Foundation of Tractor Dependability."

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Ask any man who uses
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He will tell you that
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A Widely Advertised Show

Wichita Made It a Real Kansas National

BY T. W. MORSE AND J. T. HUNTER

THE gamut of superlatives for stock show descriptions so often has been run, that to think of a term not already thumb worn, requires a reaction from something "real." But it is a real stock show we're talking about, and the result is that the Kansas National is the best advertised livestock show since the days when F. D. Coburn put across the World's Fair Livestock Show of the Louisiana Purchase Exposition.

It is to the lasting credit of the business interests of Wichita which founded and built the Kansas National, that they have given Kansas and the Southwest the biggest combined show and sales of registered livestock outside of Chicago, and this without a dollar's worth of outside aid excepting the usual sharing of premium expenses by the record associations. In substantial evidence of its belief that an improved

most impossible to get sufficient room for all the livestock entered, but Manager Kirk, with his characteristic energy and resourcefulness, took care of everything so well that when the opening day came every animal was in its stall or pen, and comfortably and conveniently located as well.

In last year's sales were sold 165 Shorthorns, 152 Herefords, 70 Holsteins, 100 Angus, 81 horses, mostly Percherons, 40 jacks and jennets and 90 hogs, mostly Polands. With some breeds Manager Kirk introduced the plan of dividing the sales entries of every breed into two sale groups. One sale was called a "Breeder's sale" and the other a "Purple Ribbon sale," in which only champions and sons and daughters of champions were sold. The plan was decidedly satisfactory and will be followed in coming sales.

Illustrating the extent to which consignors reach the furthest markets as well as the best nearby demand thru the Kansas National it can be noted that from last year's sales three Percherons went to Canada, two to Spain, three to Cuba, and one to New York. Five Holsteins went to New York, and 12 Shorthorns went to the Argentine, while to the territory to which Wichita is the gateway, they went by the scores.

Many Large Cash Prizes

Cash prizes for the coming show not only are liberal, but in many classes cash prizes are awarded as far down as tenth place, thereby insuring not only rating but remuneration for most animals having reasonably good quality and proper fitting. In a number of state fair rings the past season, only three money prizes were given. Four thousand dollars is offered to Shorthorn winners, \$2,250 to Holsteins, \$2,000 to Herefords, \$1,000 to Aberdeen-Angus, \$1,500 to Percherons, \$1,000 to Polands and Durocs, \$300 to sheep, \$800 to carlot steers, and \$500 to pet animals. More than 1,500 pet animals were exhibited last year and it is anticipated that more will be exhibited this year. First prizes on livestock run from \$40 to \$60 and the lowest prizes from \$5 to \$10. The Holstein cattle prizes are such that it is possible for the grand champion cow to win \$250.

As a part of the best job of advertising ever given a Western show, the Kansas National is putting out an illustrated book of the show and sales, which for appearance and livestock information carried, never has been excelled in its line unless by some of the World's Fairs. Nine thousand pounds of extra quality paper are going into this book, and the book will go into the hands of practically every breeder of Shorthorns, Herefords, Holsteins, Angus, and Percherons in the seven states constituting the territory best served by, and the most interested in, the Kansas National. Seven or eight of the best suitably located farm and livestock papers are used as advertising media, about a quarter of a million farms and ranches being reached in this way thru Oklahoma Farmer and Kansas Farmer and Mail and Breeze alone.

Into the seven sales scheduled for show week at Wichita will go 200 Shorthorn cattle, 200 Hereford cattle, 107 Percheron horses, 50 Duroc Jersey hogs, about 100 Poland China hogs, a small offering of Aberdeen-Angus cattle and about 300 registered sheep. The long list of consignors to these sales includes such breeders of prominence as the Kansas Agricultural college, Frank W. Harding, H. C. Lookabaugh, Park E. Salter, Carl Miller, Tomson Brothers, W. S. Corsa and Bellows Brothers. Most of these firms and institutions have taken part in the shows of the Kansas National and sales of past years and it is scarcely necessary to add that their participation is of the progressive sort which calls this season, for stronger representations from their herds than ever before.

The acreage of alfalfa in Kansas could with profit be doubled—it is probable that there will be a big increase this year in the planting.



Dan Smith, President.

animal husbandry is of paramount importance, Wichita interests have gotten together and put up a million dollars of their own money, \$800,000 of the million now having gone into the conveniently located block of ground and the great, fireproof Forum which covers it. The biggest single institution or event of the many which the Forum houses in the course of the year is the Kansas National Livestock Show and sales.

Excellent Exhibits Promised

Next to Chicago's International, the biggest annual livestock show and sales event in this country is the Kansas National. Registered livestock from a dozen states will be on exhibition and sale at fifth annual opening of "Kansas National" the week beginning January 24, 1921. Good prices received for breeding animals of all classes consigned to the sales in past years, as well as a growing appreciation of the fact that Wichita is the gateway to a great buying territory in which publicity from showing and selling has a growing value, gives the Kansas National a steadily increasing popularity.

Despite the fact that the Wichita Forum, where the show is housed rent free, ranks for arena space and stable room second to only the International exposition's equipment, the main difficulty now confronting the management is to keep consignments to show and sale ring down to a number that conveniently can be handled. At the last Kansas National sales over 200 more registered animals were sold than have been sold at sales held in connection with any other livestock show in the United States. At the coming Kansas National, approximately 300 more registered animals, not counting livestock consigned to the show, will go thru the sale ring than there were registered animals in the last American Royal Livestock Show and sales together. The Kansas National never has been expected to show immediate cash profits. The yearly deficit is covered by money raised in Wichita, which backs the show because of the benefits to Wichita's trade territory. Last year consignments to the exposition were so unusually large that it seemed al-

WHEN WRITING OUR ADVERTISERS PLEASE MENTION THIS PAPER

The Farm Accounts to Keep

BY W. E. GRIMES

Every farmer should keep books and know what it costs him to produce every farm product. All are convinced that the accounts should be kept, but few are keeping them.

Since the failure to keep them is so universal, there must be some definite reasons for it. It is true that the farmer should keep records, but one of the difficulties has been that too elaborate a program has been mapped out to attain on first attempting to keep accounts. Also, accounts have been started without having any definite purpose for them. The necessity of keeping a record of receipts and expenses to comply with the income tax law has done a great deal to overcome some of these difficulties and start farmers out along more logical lines of farm accounting. The income tax has given a definite purpose for the accounts and most farmers have appreciated that the information needed for income tax purposes is a definite record of money spent and money received. Previous to the keeping of accounts for income tax purposes the whole question of farm accounts was vague in the minds of many persons.

Accounts of the farm may be kept for any or all of the following reasons, depending upon the purpose for which they are kept and the things in which the farmer is interested. First, to enable the farmer to follow more closely the details of his business. The setting down of various transactions in black and white will fix them more firmly in one's mind. It sometimes attracts attention to things that otherwise would not be noticed. Such records are available for reference and comparison in later years.

The second reason is to give accurate information concerning the farm business on which to base the future operation of the farm and to aid in deciding upon changes in methods and organization. Accounts which give accurate information for every enterprise in the farm business are frequently more complicated than most men would care to attempt. However, where they can be kept they are of exceptionally great value.

Third: To establish the ability of the farmer as a business man. This may not be necessary for farmers who have been farming for a considerable number of years, but for a young farmer who is just starting out or a newcomer in a locality, this will be of considerable value. Definite and accurate records of the farm business transactions will inspire confidence in the ability of the operator. They indicate that attention is being paid to details and that definite plans are being followed. Any one lending money would have more confidence in a person keeping a record of his business transactions than if such a record were not kept. Frequently, when business men of towns wish to obtain loans, they present their books for inspection or else produce extracts from them showing the condition of their business.

The fourth reason is to provide information for income tax purposes. From the standpoint of the business this purpose is incidental, but from the standpoint of complying with one's duty as a citizen and fulfilling the requirements of the law, it is important that this purpose be kept in mind. Everyone hopes that he will have sufficient income to exceed the lower limits set by the income tax. On the other hand, no one is particularly anxious to pay a tax on an income that he did not receive. Definite, accurate records should insure that only income actually received is taxed.

It is practically useless to begin an elaborate bookkeeping system in the winter or spring which will be neglected and probably abandoned during the rush season of harvest. Such attempts and the resultant failures tend to discourage all keeping of accounts. They do not produce definite results and are largely a waste of time and effort. The accounts started then should be those which can be kept during the entire season and completed in a satisfactory manner. They should be simple, thoroughly understood and deal with those things of most interest in connection with the business. A few simple records carefully kept and studied are far better than more complex records which are not fully understood.

Kansas Carlots at Chicago

Three carloads of fat yearling steers and two loads of 2-year-olds were shown at the International Stock Show by A. E. McGregor of Washington county, Kansas. This is the fifth year Mr. McGregor has shown in the carlot classes at Chicago and every time he has been well up in the money. One load of his yearlings were Angus cattle bred in Western Kansas and his 2-year-old Shorthorns were bred in Eastern Kansas. The yearlings were given a light feed of corn from February to May 1 and then run on alfalfa and Brome grass pasture with a half feed of corn. In September they were put in the dry lot on a full feed of 20 pounds of ground corn, oats, oilmeal and 2 pounds of molasses feed to the steer daily during the last 60 days. While on full feed they were pushed to the limit.

Dan Casement showed three carloads, winning third on a load of short-feds. W. A. Cochel won first in Shorthorn short-fed specials. The grand champion load of short-feds was bred and grown in Kansas by W. J. Tod and finished by J. G. Imboden of Illinois.

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FitZall Adjustable Collars

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Will fit any horse, fat or thin, and fit right. The pressure is evenly distributed over the shoulders. This smooth, comfortable fit means an end to all collar troubles. No time lost doctoring sore necks. No money need be spent for sweat pads that only create heat, which softens the shoulder making it susceptible to infection from the unsanitary pad. See the FitZall at your dealers, and judge for yourself.

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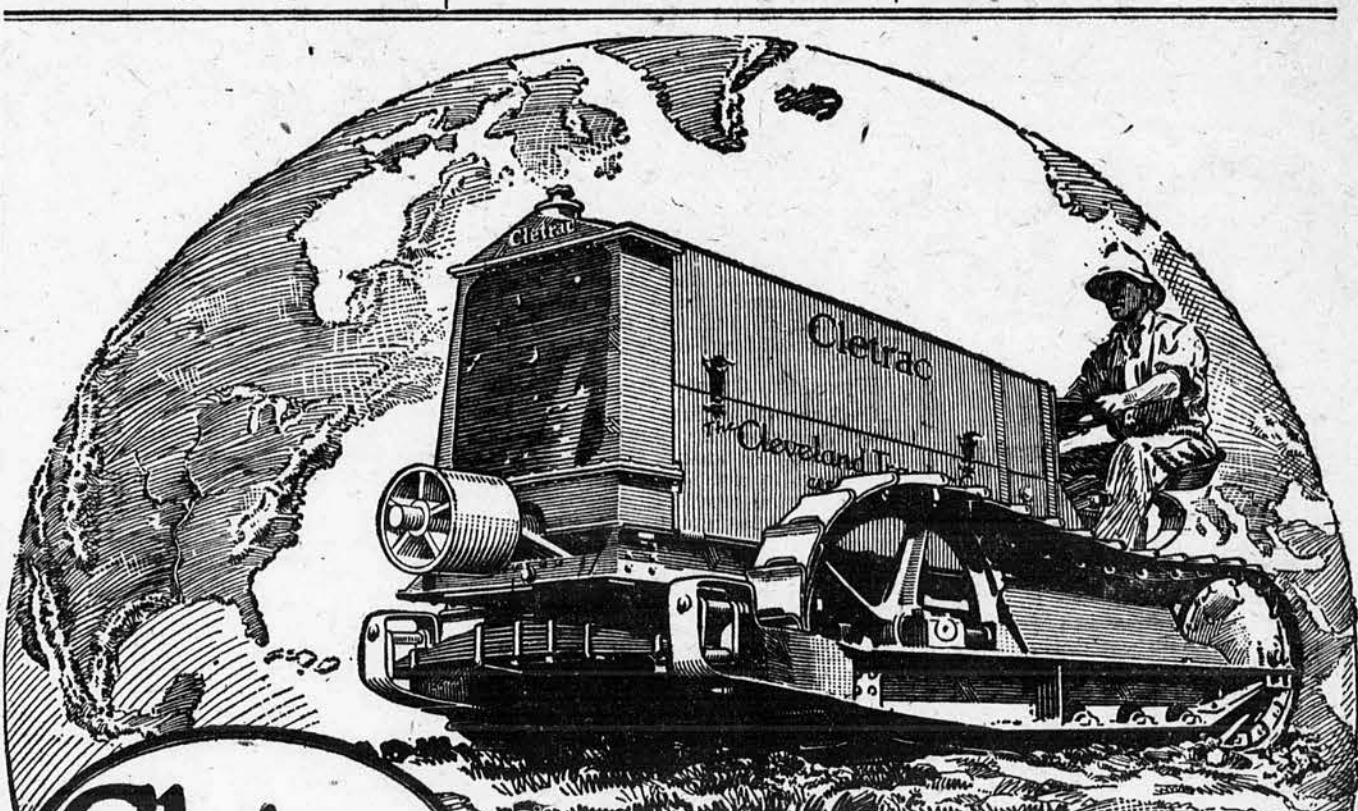
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Cletrac TANK-TYPE TRACTOR



SPECIFICATIONS

Horsepower: 12 at drawbar,
20 at belt pulley.
Length: 96 inches.
Width: 50 inches.
Height: 52 inches.
Weight: 3420 pounds.
Turning Circle: 12 feet.
Traction Surface: About 800
square inches.
Center to Center of Tracks:
38 inches.
Belt Pulley: Dia. 8 inches,
face 6 inches.

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A TRACK THE
CLETRAC WAY

"Stands Up" The World Over

CLETRAC carries power farming to the four corners of the earth. Its ground-gripping tracks, its heavy-duty motor and its sturdy construction are helping to modernize the farming customs of sixty-five countries.

In the far North where the short season makes speed the first consideration, Cletrac's "more work per day" ability has won prompt popularity among the farmers. And it is equally in demand in tropical countries where man and beast so quickly succumb under the burning sun.

Cletrac's ability to stand up under constant use counts most in the far places where broken or worn parts may mean weeks of idleness. And, of course, it's just as big a factor in Cletrac's year-'round dependability here at home, too.

The Cletrac story of power farming is told in the interesting booklet "Selecting Your Tractor." We will gladly send you a copy on request.

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HAM PICKLE**
is a scientific preparation for curing meat. Contains all the necessary ingredients except salt. Cures meat better, with less work and gives delicious flavor. Wright's Ham Pickle is sold by your druggist—guaranteed.

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CONDENSED
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made by condensing actual hickory smoke. Simply and easily applied with cloth or brush.

Gives wonderfully delicious flavor—does away with old smoke house—saves 20 lbs. of meat out of every 100 lbs. A large \$1.25 bottle will smoke a barrel of meat—guaranteed.

**Wright Food Products
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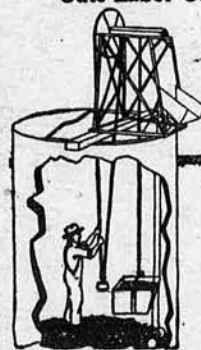
ASK YOUR DEALER for the genuine Wright's Smoke or Ham Pickle. Both guaranteed satisfactory or your money back.

Write us if your dealer can't supply you. We'll send you valuable book on smoking meat and explain how you can get a fine butchering set at factory cost.

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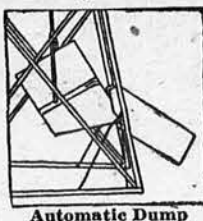
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Steel construction. Light, strong and lasting. Easily moved. One man does it all.

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PEORIA, ILL.



State Farm Bureau Items

Contributed by County Agents

SEVERAL new counties are planning for County Farm Bureaus. Meetings were held recently in Rice, Lincoln and Smith counties. Temporary committees have been formed to work with Kansas State Agricultural college in forming bureaus in the three counties. Lincoln and Rice counties probably will hold meetings to complete their organizations early this month. The college has enough funds to put on three or four more counties.

Colorado Employs Kansas Man

R. W. Schafer, Washington county agent has resigned to become assistant county agent leader in Colorado. He began his new duties January 1. It is probable that John V. Hepler, formerly county agent in Ford county will take Mr. Schafer's place. Mr. Hepler has been in the office of county agent leader in Arizona since leaving Kansas.

New Honors for Hammatt

Theodore Hammatt, special assistant secretary of the Kansas state board of agriculture, has been selected by the Farmers' Marketing Committee of Seventeen as special adviser. Mr. Hammatt has for some time made an extensive study of co-operative buying and marketing and it was to obtain the benefit of this study that Mr. Hammatt was named.

More Milk for Children

Mrs. Julia Kiene, home demonstration agent in Shawnee county, is urging the school children of the county to carry two half-pint bottles of milk with them, to be taken at the recess periods in the morning and the afternoon. This is being done to try to bring some of the children who are under weight up to normal condition. The children of the Milliken school, near Tecumseh, tried the plan, she says, and all but two gained weight. These two did not carry milk to school.

Wyandotte County Fights Gophers

Gophers do \$28,000 damage every year in Wyandotte county, C. A. Patterson, county agent, estimates. Mr. Patterson is now conducting a campaign for the eradication of the pests. The project leaders in the Piper and Bonner Springs communities already have held demonstrations. Gophers are reported more numerous in these two communities than in other communities in the county. The poisoned oats used are provided at cost by the Kansas State Agricultural college thru the county agent. J. D. Penrod is the local project leader in the Bonner Springs community and J. F. Seufert is leader in the Piper community.

Jackson County Canning Club

The Pleasant Valley Mother-Daughter Canning club in Jackson county, composed of nine active canning teams, has canned more than 1,500 quarts of fruits and vegetables the past season. E. H. Leker, county agent, estimates that the cost of material and labor was in the neighborhood of \$400, while the market value of the products canned is about \$900, leaving a net profit of \$500 for the work done by the

club the past season. This club sent an exhibit of 100 quarts of fruits and vegetables to the different state fairs last fall and won \$25 in prizes. This is the first year the club has been in operation.

Guernseys Show Good Records

For the third consecutive month the Guernsey herd of W. W. Holmes has led all others in the Labette Cow Testing association. The herd in November averaged 741 pounds of milk and 33.3 pounds butterfat. The highest cow in the association was a Holstein owned by the Windsor Ranch. This animal produced 1,425 pounds milk and 44.2 pounds of fat in 30 days. There were 151 cows on test in November. Thirty-two cows in the association made more than 30 pounds in the month.

Purebred Sires for Jackson

Thirty livestock breeders met recently in the office of E. H. Leker, county agent, and made arrangements for a purebred sires campaign to be put on in Jackson county January 13-14. Meetings will be held on those dates in 16 communities of the county to discuss the work. A county-wide meeting will be held at Holton the afternoon of the second day. An attempt will be made to get Dr. H. J. Waters, formerly president of Kansas State Agricultural college, to speak at this meeting. Mr. Leker hopes it will be possible to send all the scrub sires to the block during the campaign.

Potato Growers to Organize

The potato growers of the Kaw Valley will hold a meeting early in January to organize a state association. Some of the work contemplated includes marketing the crop and buying and shipping in seed potatoes co-operatively. A meeting was held recently in Wyandotte county, and a committee was appointed to look after the interest of the potato men. The county agent, C. A. Patterson, was instructed to confer with the agents in Douglas, Shawnee, Jefferson, Johnson and Leavenworth counties regarding the work. The growers will attempt to control disease by treating the seed.

Reno Livestock Exhibits

Sam J. Smith, Reno county agent, recently helped W. H. Schlickan, near Haven, select a herd of Herefords for exhibit at the Wichita Livestock show. Mr. Smith has volunteered his services to other farmers for this work.

Self Feeders for Hogs

Chase county probably is the banner Kansas county when it comes to the number of self feeders for hogs in use in the county. J. A. Hendricks, county agent, reports that there are more than 450 of them in use in that county. Preston Hale, who preceded Mr. Hendricks as county agent put in several feeding tests to prove the efficiency of the self feeder, with the result that many farmers adopted them. Mr. Hale is now operating a farm in Chase county, and is feeding 200 head of hogs on the self feeder himself, Mr. Hendricks says.

Here's a 1921 Slogan-It Reads "I Can; I Will"

BY RAY YARNELL

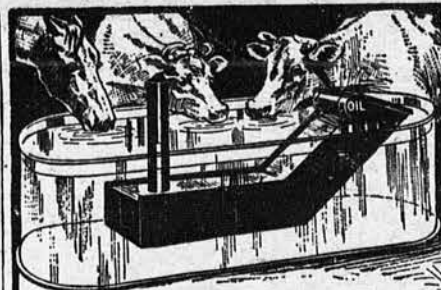
THERE'S a slogan that ought to be adopted by every one for 1921. There are only four words in it but it means a lot. It stands for success as opposed to unresisting failure. That slogan is: "I can; I will."

Faith and courage are needed today; they are essential. The man who has them will get on. If he has faith in his own ability he will face his job with the declaration, "I can." The man who lacks that faith will say, "I can't."

The man who knows "he can" will have the courage to assert, "I will." He will inspire his associates with convincing optimism. He will bar back crowding doubt and hang a K. O. on the pessimist.

The "I can, I will" fellows are the ones who will be up front this year. There's no job as a leader waiting for the fellow who lacks faith in himself and his associates or courage to test that faith. The "I can't" guy isn't even going to get to play second fiddle in the 1921 orchestra. The conductor may let him sit down under the stage and push the bellows for the pipe organ but he won't get to play.

Every new year offers a new challenge. Let's go.



Empire Oil-Burning Tank Heater

Greatest improvement ever made in tank heaters. Fits any tank. Burns from 14 to 16 hours on one gallon of kerosene. Any child can operate it with safety; no sparks, ashes or smoke. The heating chamber is entirely under water; no heat wasted. Guaranteed. Saves feed—pays for itself repeatedly.

Empire Non-Freezing Hog Waterer
Made of heavy galvanized iron—large capacity (70 gal.); drinking trough on outside where hogs can reach it; oil burner directly under trough—guaranteed not to freeze. Keeps water warm for 24 hours per day. An abundance of fresh, clean water at right temperature. Keeps hogs healthy—fatten faster on the same feed.

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The Great United Line of Farm Helpers

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Really Sucks Like a Cat

Pump-pulsator type of machine. Gives complete vacuum release on teat—the smooth, natural way.

"SEE-THRU" TEAT CUP—an exclusive feature. You know when all teats are milking. Simplest, most efficient made.

UNITED ENGINE

1 1/2 to 12 H. P. — Ideal for any farm work—wonderful value. Investigate it.

SEPARATOR

160 to 900 lbs. capacity—Guaranteed.

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With famous Full-Swing Dolly. High quality—low price.

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Great capacity—pulls easy—self sharpening—oscillating burrs. Write for complete information on United Line—America's Greatest Values in Farm Helpers. Ask your Dealer.

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**Fatten
Stock
Cheaply**

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Best and most economical daily ration. Pour FARMO over uncut roughage or mix with hay, corn or silage. FARMO makes stock crave cheap feeds. Fattens quickly. No fickle appetite at finishing period. Saves 50% in feeding costs with quicker, bigger gains.

For Dairy and Beef Cattle, Hogs, Sheep, Horses and Mules. Send \$3.00 for 50-lb. trial can, or write for FARMO sample, also feeding booklet.

FARRELL & CO.
910 DODGE ST. OMAHA, NEB.

FARM WAGONS

High or low wheels—steel or wood—wide or narrow tires. Wagon parts of all kinds. Wheels to fit any running gear. Catalog illustrated in colors free.

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

Higher Prices for Wheat?

Wheat growers will find some encouragement in holding their wheat from the statistics from the Bureau of Markets of the United States Department of Agriculture which shows a diminishing and already small surplus for export.

The figures indicate a total supply this year of 870 million bushels, made up of a carry-over last July of 110 millions, imports from Canada of 10 millions (up to December 1) and a crop of 750 million bushels.

Against this supply the Bureau of Markets finds there was exported of wheat (not flour) up to November 20, 128 million bushels. The Bureau estimates the home consumption, and seed, at 610 millions, leaving for export and carry-over 132 million bushels. The average carry-over for the last 10 years is given at 80 million bushels. This would leave for normal export subsequent to November 20, a total of 52 million bushels. At the recent rate of export this surplus would be exhausted by February 1.

Notwithstanding the apparent significance of these figures, Chicago board of trade "wires" have reported consistent selling by "Eastern interests" and by noted Chicago Board of Trade dealers (gamblers), the effect of these heavy sales of "short" wheat being to prevent the rise that seemed to be starting about December 6 and to turn the market again downward.

Contrasted with a decline in wheat under these circumstances amounting to about 40 per cent of the price since July 15, when the board of trade resumed "short" selling, it has been noted that alfalfa, which has no organized speculative market, has declined but 20 per cent, or half the wheat decline, or that of corn. There has been but a slight decline in prairie hay.

It is up to the board of trade operators to explain the discrepancy between their claim that board of trade dealings in futures have an inevitable tendency to steady the market, and the fact that it is the board of trade market that has been the unsteadiest of all food markets. No commodity, food or otherwise, has fluctuated in price like grain this year. If dealing in futures has a steadying effect, reducing fluctuations to a minimum, how do board of trade members account for the violent fluctuations which the general opinion of the country attributes to the gambling operations of leading board of trade members?

Tractor Principles

A recent publication entitled Tractor Principles, by Roger B. Whitman contains timely information for the farmer who owns or who contemplates owning a tractor. The book goes into the fundamental principles of gas engine construction, taking up all types of engines. Several chapters are given over to matters of ignition, with splendid cuts and diagrams showing the working parts of the more common systems found on the modern tractors and gas engines. A thorough discussion of various types of stationary farm engines also is given.

The book sells for \$2 and is published by D. Appleton and Company, New York City.

Income Tax Record Essential

Cut out this article and mail it to us, with 25c; or \$1 to pay for one year's subscription to the Kansas Farmer and Mail and Breeze, and we will send you a Combined Reference, Memorandum and Income Tax Record Calendar for year 1921. Those who must render an income tax statement to the government cannot afford to be without this simple and convenient arrangement for keeping a record of their expenditures and income in an intelligent manner. Prompt action is necessary, as we only have a limited supply. Address Kansas Farmer and Mail and Breeze, Topeka, Kan.

Farmers' Short Course

Eight weeks of thorough instruction in livestock production, livestock sanitation, dairying, soils and soil fertility, grain and forage crop production, farm horticulture, farm management, poultry production, farm insects, field machinery and many special lectures are offered by the Kansas State Agricultural college, beginning January 11.

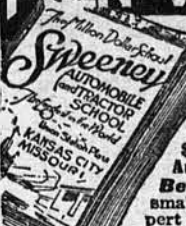
Young men from the farms who are more than 17 years old are admitted to these courses without examination. The courses are planned with special reference to the needs of young farmers who cannot leave their farms for more than a short time during the winter. Hundreds of farmers in the state have profited by the instruction given in these short courses and they are becoming more popular every year. A commercial creamery short course also will be given. More detailed information may be obtained by addressing F. D. Farrell, dean of agriculture, Manhattan, Kan.

Care of Farm Woodlots

Farmers' Bulletin No. 1177, Care and Improvement of the Farm Woodlots has just been issued; it can be obtained free on application to the United States Department of Agriculture, Washington, D. C.

Plenty of range is essential to success in turkey raising. Little has been done in the way of raising turkeys in confinement, and when it has been tried the results have been discouraging.

MEN WANTED



Sweeney
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KANSAS CITY, MISSOURI

Mechanically Inclined
to send for my big illustrated 72-PAGE **FREE!** BOOK—

It tells how in a few weeks you can earn from \$150 to \$400 a month in the Auto and Tractor business.

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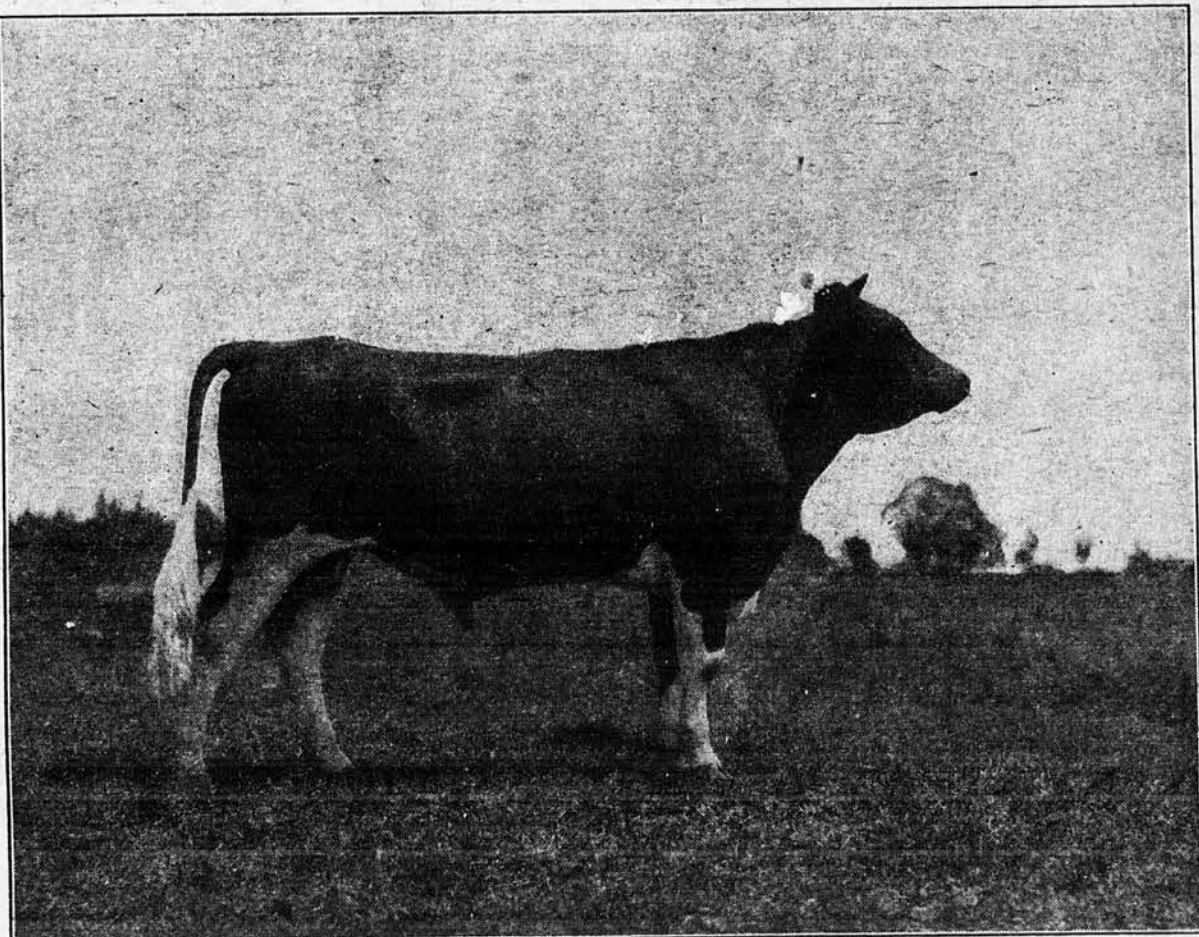
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Violin, Hawaiian Guitar, Ukulele, Guitar, Mandolin, Cornet, Tenor Banjo or Banjo

Wonderful new system of teaching note music by mail. To first pupils in each locality, we give a \$20 superb Violin, Mandolin, Ukulele, Guitar, Hawaiian Guitar, Cornet, Tenor Banjo or Banjo absolutely free. Very small charge for lessons only. We guarantee success or no charge. Complete outfit free. Write now. No obligation.

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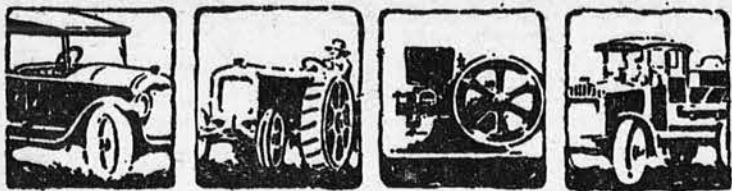
A HOLSTEIN KING IN A KINGLY POSE.

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You know cattle and horses and sheep and hogs. You know the pose that will bring out their strong points. The rest is easy. Kodak has so simplified photography that anybody can make good pictures—and it's less expensive than you think.

Kodak Catalogue free at your dealers' or by mail.

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For more gas engine power and economy this spring —install the best piston rings now!

When a farm engine has wasted oil or gasoline, lost some of its power, or has had too many fouled spark plugs, carbon troubles, or repairs of this kind—the chances are that its piston rings are leaking. They are probably worn out—or imperfectly designed or made. Such an engine needs better piston rings if it is to give you complete satisfaction during your busy season.

Install the best piston rings now—while you have the time. Put a **Superoyl** Ring in the top groove of each piston to keep oil out of the combustion chamber. That will decrease carbon troubles and save lubricating oil. Put the real **Leak-Proof** Rings in all lower grooves. Their **equal radial pressure** keeps fuel from wasting past them. It is all compressed into power. Your dealer can sell you a size or over-size for every make and model of engine.

Always install
the combination

McQuay-Norris Mfg. Co.
St. Louis, U. S. A.



Write for Free Book

It explains why McQuay-Norris Piston Ring Equipment will increase gas engine power, save fuel and oil, and decrease carbon troubles. Address Dept. A. C.

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PISTON RINGS

Market Your Grain in Egg Cases

Grain prices are low—egg prices are high. The great item of cost in egg production is feed—so the more *cheap grain* you turn into *high-priced eggs*, the bigger your profits.

You have the feed and the hens. Now work this profitable combination to the limit. Give your birds a varied ration—feed it freely—get eggs NOW—beat the grain market—cash in on the high-level egg market. And you'll be doubly sure of a big egg "harvest" by mixing

Pratts Poultry Regulator

with the feed. This great poultry tonic and conditioner quickly puts hens in laying condition and offsets the strain of heavy laying so they keep on shelling out the eggs. It supplies many needed things lacking in the winter feed—keeps the egg-making machinery working steadily and effectively. It enables you to "market your grain in egg cases," to your great advantage.

Expert poultrymen who make a specialty of this hen business and study it carefully find Pratts Poultry Regulator a big help. That's why they're spending their money for it. You'll find every dollar paid for Pratts Poultry Regulator giving big returns in increased egg production.

"Your Money Back if YOU Are Not Satisfied"

Your local dealer can supply you with the genuine
Pratts. Refuse substitutes.

PRATT FOOD CO.

Philadelphia Chicago Toronto

Makers of Pratts Animal Regulator,
Cow Tonic, Hog Tonic, Buttermilk Baby
Chick Food, Stock and Poultry Remedies.

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Horticulturists Meet in Topeka

BY SAMUEL O. RICE

A promising future for fruit growing in Kansas was revealed by practical orchardists and small fruit growers in the three-day gathering that comprised the 54th annual meeting of the Kansas state horticultural society December 21 to 23 at Topeka. D. E. Lewis, of the Central States Orchard company presented a thoro and comprehensive analysis of apple orchard conditions and prospects and predicted that apple growing would be more profitable for the Central states. The Northwest can supply but half the demand of the Central states, even if it shipped its entire output to the Central states, the East will not likely ship again to the Central states as it has done this year and in the Central states now, Arkansas alone can supply the demand in its own state for apples. Planting has not kept pace with the dying out of orchards over a great part of the country, he declared, and in addition to a growing demand for fruit as this country continues to grow, Mr. Lewis saw an increased demand for apples in Europe as soon as more normal conditions prevail there.

J. A. Estridge, manager of the Grape Growers' union, of Neosho, Mo., predicted an increasing consumption of fruit and urged more planting of suitable fruits. He particularly urged quality production and marketing co-operatively. Without co-operative marketing the industry could scarcely succeed in any community, he said.

At the election of officers W. B. Vining, of Piper, was elected president; James Sharpe, of Council Grove, vice president; F. W. Dixon, of Holton, treasurer; O. F. Whitney, secretary. Trustees in the even numbered districts were elected this year as follows: Second district, M. E. Chandler, of Argentine; Fourth district, Homer Sharpe, of Council Grove; Sixth district, J. B. Polka, of Smith Center; Eighth district, J. G. Maxwell, of McPherson.

The resolutions adopted urge that the Federal Government adopt a standard of weights and measures for the entire country, in place of the confusing state standards now in use, and request these changes in Kansas statutes on weights and measures:

Changing the standard for apples from 50 to 48 pounds to the bushel; beans, unshelled and green, from 38 to 30 pounds to the bushel; beets from 60 to 56 pounds to the bushel; onions from 57 to 55 pounds to the bushel; green peas in pod, from 56 to 30 pounds to the bushel; spinach from 30 to 14 pounds to the bushel.

The condition of the state house grounds was criticised in the resolution and a country-wide campaign against unsightly bill boards was advocated. It was also voted to ask the state board of health to enforce the pure food laws relative to dispensing artificial flavors at soda water fountains. A closed season for a number of years on quail and prairie chicken was advocated and in speaking for this Mr. Vining declared that the Kansas game law was a dead letter and that a man recently told him that a hotel in Atchison was offering and had been offering all winter 30 cents a piece for quail.

A Rural Service Leader

"A man who in a two years' period has added new departments to 26 colleges, may be looked upon as a modern genius and diplomat," says Walter Burr, director of rural service at the Kansas State Agricultural college, in announcing Dr. Paul Vogt as one of the principal lecturers on the program of the rural organization conference. This conference is an annual meeting, held at the Kansas State Agricultural college during Farm and Home week, February 7 to 12.

Our Best Three Offers

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

Uncle Ab says: If some folks worked as hard to keep from being poor as they do to keep from being thought poor, they'd be rich.



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The new starched collar model

SLIDEWELL
COLLARS

Save Your Tie, Time and Temper
Hall, Hartwell & Co., Makers, Troy, N. Y.

WITTE
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\$49.45
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Direct from Factory to You

ALL SIZES AND STYLES

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LOW PRICES

Don't wait if you need any size or style engine. NOW is the time to buy. Life Guarantee Against Defects. Big surplus horse-power. Above price includes engine complete on skids, ready to operate when you get it. Safe delivery guaranteed. Immediate factory shipment. Write or wire for New Big Engine Catalog FREE.

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\$24.95 American CREAM SEPARATOR
On trial. Now, well made, easy running, easily cleaned, perfect skimming separator. Skims warm or cold milk. Different from picture which shows larger capacity machines. Our guarantee protects you. Get our plan of easy MONTHLY PAYMENTS and handsome free catalog. Whether dairy is large or small, write today. Western orders from Western points.
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BURNS KEROSENE

Cheapest, safest fuel. One gal. lasts hours. Save feed; avoid constipation; aid digestion; increase milk production with healthful water.

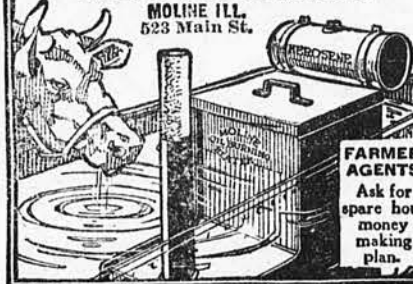
MOLINE TANK HEATER

Heavy, rust proof boiler iron. No rivets under water. Fits any tank. Handy valve controls heat require. No sparks, smoke, dust, cinders. Cannot blow out. Dependable in coldest weather.

MOLINE pays for itself quickly. Lasts years. Write for FREE literature and prices on Tank Heaters and Non-Freezing Hog Waterers today.

MOLINE TANK HEATER CO.

MOLINE ILL.
523 Main St.



FARMER AGENTS
Ask for spare hour money making plan.

Cottonseed Meal for Feed

BY G. C. WHEELER

Cane, kafir and corn fodder or silage made from these crops, straw and other by-products of grain farming can be marketed profitably thru cattle only. These feeds constitute a source of wealth which frequently is not utilized to the fullest extent because of the failure to supplement them properly with some highly nitrogenous concentrate. All these farm grown feeds are deficient in protein. They are distinctly carbonaceous feeds and must be balanced with cottonseed meal or cake, linseed oilmeal, gluten meal or other concentrates rich in protein. Some stockmen who have put up silos have been disappointed in the results. One common source of trouble has been that they did not recognize the necessity for balancing the ration.

It does not constitute extravagance in feeding to buy a highly concentrated protein feed to balance silage or other roughage deficient in this most important nutrient. At a time when margins are narrow it is even more than ordinarily important to balance the rations fed to cattle. Cottonseed meal and cake have long been favorite feeds with cattlemen handling stock in a large way, but there has not been enough attention given to this matter of supplementing the cheap rough feeds of the farm by the men handling only a few cattle. The value of cottonseed cake as a supplemental feed is not a matter of guess work for we have had the experience of the Kansas Experiment station to guide us for a long time. At Hays the standard ration for wintering mature breeding cows consists of these cheap roughages with about a pound a day of cottonseed cake or meal to the animal.

Cottonseed meal and cane or kafir silage make an ideal combination for stock cattle and young stock. The meal can be sprinkled over the silage and the digestibility of both feeds increased as a result of feeding them together in this way. There is no profit in getting young cattle thru the winter barely holding their own—there must be some gain in weight. By properly supplementing the rough feed the cattle will come out in good thrifty condition and showing some gain in weight.

Even straw can be made to return a profit if properly supplemented with a little cottonseed cake. It has been a matter of surprise to Western Kansas cattlemen to observe the quantity of wheat straw consumed by cattle at the Hays branch Experiment station getting in addition some silage and a little cottonseed cake. There is no more important cattle feed on the market than cottonseed meal. At present prices it is the cheapest source of protein available for supplementing farm grown roughage.

Removals From Accredited List

In the three years that the United States Department of Agriculture has been carrying on the work of establishing herds on the accredited list as free from tuberculosis 74 herds have been removed from the list. The reason for the removals has been the presence of reactors. The number of herds taken off the list is small compared with the total number of accredited herds, which now exceeds 4,000. The Federal Bureau of Animal Industry makes it plain that the list includes the names of only those persons who keep tuberculosis out of their herds.

There is increasing evidence also that cattle which tho not reactors, are "suspicious" should be looked upon as a constant source of danger. Often the disease is so far advanced in such cattle that they fail to respond to the test yet are more dangerous to the herd than some reactors. Suspicious animals cannot be officially condemned, but breeders who are familiar with the situation sometimes permit them to be slaughtered rather than jeopardize the health of other animals.

Another important precaution in tuberculosis-eradication work is the showing of cattle at fairs and exhibitions. Owners of accredited herds are now demanding that such herds at least be kept in separate barns so that they will not have to mingle with untested cattle. Some fair associations have gone so far as to require a tuberculin-test certificate for all cattle shown. Another risk—and it is a serious one—is to buy cattle from herds of which you know nothing.

Even when such animals are tested and reactors are removed there is a risk that even those which pass the test are not all entirely free from recent infection, especially when the original herd may have been half diseased. It is much safer to purchase cattle from a breeder who is known to have healthy stock.

A Safe Investment That Will Pay You Well

I receive many letters from readers of my publications asking me how they can invest their surplus money so that they can be assured of complete safety, prompt payment of interest, freedom from care or worry, and at the same time receive a reasonable rate of interest on the investment.

I have given the subject a good deal of attention and I am able to make a suggestion that I believe will be of value to any reader of the Capper Publications who may have funds to invest, even though the amount is small. The plan has so much merit in it that in the last few weeks several hundred persons, including residents of almost every state in the Union, who wrote me they had money to invest, have adopted the plan I recommended to them. I will be pleased to give full information to anyone who will write me. Arthur Capper, Publisher, Topeka, Kansas.



Learn Auto and Tractor Business

Earn \$150 to \$400 a Month

Any man 16 years and older can learn best in 6 to 8 weeks by the Rahe

and Tractor School in America. Rahe trained men are in demand everywhere because their higher skill and ability by garages and repair shops everywhere.

2 Million Dollars Invested **Rahe Auto & Tractor School** Over 38,000 Graduates
World's Oldest and Greatest

Twice more equipment and twice more floor space used in daily actual practice training than any Auto and Tractor School in America.

Autos, trucks, and tractors—all types and models—electric starters, lighting and ignition systems of all types. Plenty of room for individual instruction. Specialized training in all departments—largest and best arranged live motor and electric starting and ignition departments in the United States. Master Mechanic instructors to guide you in learning every branch of the business.

LOW TUITION RATE NOW. You owe it to yourself to send at once for Free 68-page Book, Special Tuition Offer and proof from graduates.

Rahe School Dept. 2616 Kansas City, Mo. Cincinnati, Ohio



TITAN 10-20

THIS practical favorite among tractors has long aided industriously in the cause of good American farming and it has gained as great a popularity across boundaries and oceans as well. Since the first Titan went out to the fields five years ago, the farming world has invested over seventy million dollars in Titan 10-20 Tractors. No other 3-plow tractor has approached such a record as this.

Titans at this writing are delivering reliable horse power at drawbar and belt for many thousands of owners who are done with uncertainties and who know that quality is but another name for economy.

Entering into 1921, this Company has effected arrangements which include provision for time payment and price reduction guarantees in the sale of its tractors. Prospective Titan owners will be glad to have the assurance of this benefit and safeguard during the present period of uncertainty. Details may be had by application to any International dealer or by letter from the address below.

Farmers who believe in the money value of high standards in agriculture, as this Company believes in manufacturing standards based on quality, will be helping to build higher the achievement of Titan in 1921.

With every Titan 10-20 Tractor purchased from us—cash or liberal terms—between now and May 1, 1921, we will give our written guarantee that if this Company reduces its price on Titan 10-20 Tractors on or before May 1, 1921, we will refund the purchaser the amount of such reduction.

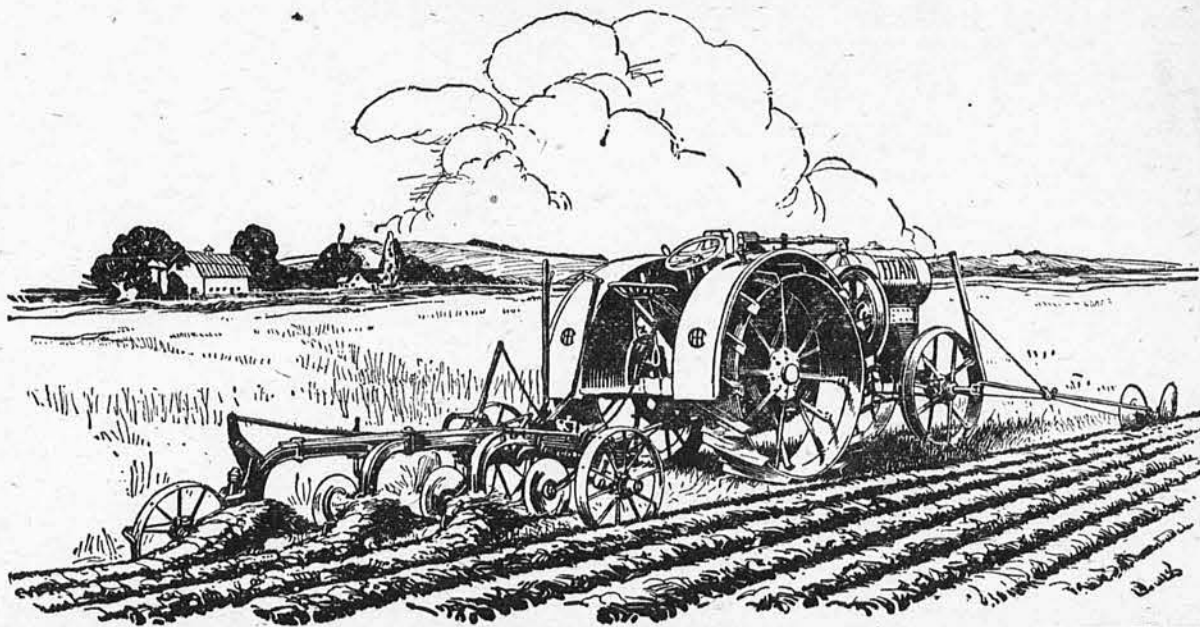
INTERNATIONAL HARVESTER COMPANY

CHICAGO

OF AMERICA
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USA

92 BRANCH HOUSES IN THE UNITED STATES



Wichita Auto & Tractor School
131 N. Topeka Ave., Wichita, Kansas.

Jayhawker's Farm Notes

By Harley Hatch

BECAUSE the price of land did not aviate to the skies the farmers of this part of Kansas began the new year in much better condition than one would suppose after a drop of 50 per cent in the price of nearly all farm products. The farmers who are hit the hardest are those who have gone in debt during the time of high prices and who now are compelled to stand by and see the value of their property depreciate heavily. There are but few who have bought land in Kansas, even in the last two years, who will be called upon to shoulder any loss. Land may not sell as freely for a year or so, but there is not likely to be any fall in price.

Crops and Better Prices

If prices for farm products do not rise to the level of those of other commodities within the next 60 days, the price for those commodities will certainly fall to the level of farm products. When that time comes farmers who are not in debt will again be on an even footing. It matters little to the man not in debt what prices may be, just so an exchange of goods can be made on an equitable basis. Those who expect to profit by holding their goods above the level of farm products will find that their profit will soon turn to a loss. It is very likely that the worst is over, and if that proves true we may expect a rise in price of farm products shortly after the new year arrives.

Good Yields in 1920

The only thing of which the farmers of Coffey county have to complain as to the way the year of 1920 used them is the matter of prices. It was the best year, from a production standpoint, that we ever have seen in a residence of 38 years in the West. During that time I have raised, or have helped to raise, 38 crops and of all of these the crop raised in 1920 was the best. We do not expect, here on our \$80 land, to raise as much as is usually raised on the \$300 land of Illinois and Iowa, but we have excelled them this year when all varieties of crops are considered. There are localities in those states which have raised as good corn as we have this year, and there are other localities where the crop of oats made as good a yield as it did in Coffey county. There may also be a few localities in Illinois and Iowa in which wheat of as good a quality and yield was raised as in Coffey county, but the localities in any of the corn belt states in which wheat, corn and oats made as good a yield of good quality grain as did Coffey county, or for that matter, as any of Eastern Kansas, are few. For that reason we of Eastern Kansas will in future years look back upon 1920 as the best in 50 years.

Grain and Bank Accounts

From this farm there had been sold, on January 1, 1921, a small part of the 1920 wheat crop. In this we are like most of the farmers of this township. We did not pass by the early market because the price was not high enough. I know of no farmer who was not fully satisfied with the price paid when threshing began. The reason more what was not sold then was because cars in which to ship could not be had and because everybody could not thresh at the same time. It takes time to thresh and move off a crop the size of the wheat crop of 1920, and during that time the price went down so close to the cost of production that most farmers did not care whether they sold or not. When the price of grain falls until production costs are but little more than covered, the farmer not in debt would just as soon look upon corn in the crib or wheat in the bin as to know that his bank account is a little larger.

Corn in the Bin

Our entire corn crop of 1920 is still in the crib on this farm and the greater part will remain there until we know what the season of 1921 is to bring. If we were to sell now we could get 60 cents a bushel delivered to the yard of

some of the large cattle feeders who live from 7 to 10 miles west and southwest of this farm. Perhaps this is as much as we shall realize by holding until next summer; it may be even more, for the cost of holding corn until that time probably will be around 12 cents a bushel. But that is not what we are looking at; we wish to wait until the livestock market is on a more even keel and then, if there is a chance for even a small profit, we will feed this grain out on the farm so we can return as much of the fertility as possible to the fields which produced it.

Manure Improves Soil Fertility

If 1920 has taught us any lesson it is that manure has even a larger value than we had placed upon it. I do not think there is any soil in the West which will respond so quickly to manure as that of Eastern Kansas. The land is not leachy; the subsoil is, in most places, very retentive; too much so at times, perhaps, but it always holds to fertility, and manure does not cause crops to burn on it in a dry season, as it does on soils of a lighter nature. If we apply a coat of manure to a field this year and, by reason of dry or too wet weather, we get no benefit from it for a year or more, the fertility is not gone. It remains right there, and when a favorable season comes it is ready to work for us. Coming to Eastern Kansas as we did from a region of light, sandy soil with virtually no subsoil at all our first favorable notice of the effect of manure on this land was within 60 days after our first crop had been planted. We could note almost every spot on the field where the former tenant ever had spread any manure, even tho the date of the spreading was five years in the past.

Southern Seed Oats

A short time ago we made a shipment of Texas Red seed oats, which we grew last summer, to a farmer in Iowa. This farmer had been growing the same variety there for a number of years, getting his seed at intervals from Missouri. He had noted that the Missouri seed invariably gave him better yields than he had obtained from seed grown at home. He reasoned from this that if bringing the seed from a short distance south was good, bringing it from still further south would be better. In this I think he was correct. The farmers in this part of the state make frequent importations of seed oats from Texas or Oklahoma in order to hold the early maturing qualities of the Texas Red oats. It is commonly thought that seed should be changed about every third year. On this farm the seed we sowed last spring had been grown from stock we have been using on the farm ever since 1916. In that year we procured seed from Texas and in every year since then our crop of oats has been making larger and larger yields. This increase in yield was caused by the season, however, and not because of the seed. If one can get good Texas Red oats free from Black oats I would be in favor of sowing them just as long as they produced well, regardless of the length of time they had been grown here without change. Many lots of Southern seed oats are mixed with Black oats and these Black oats seem to have the ability to increase faster than the Texas Red oats grown with them. I don't like these Black oats and would certainly change seed if I had them in with my Red oats. It is said that Red oats grown here for any length of time will tend to lose their red color and become more white. Our oats this year are quite white in color, but I attribute that to their being stacked without rain. The volunteer oats which we used for seed last spring were the reddest oats I ever saw, and they came from oats as white as those now in our bin. It is possible that redness in color and earliness go together and that in an unfavorable season the reddest oats would produce best.

Cheap clover or alfalfa seed is likely to prove dear in the long run.

If your Coffee-Pot
has boiled too often

If too many cups of coffee
have set your stomach
and nerves on edge, put
the pot on to boil again—

But this time use

POSTUM CEREAL

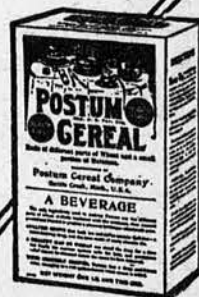
in place of coffee

Boil it a full fifteen minutes after boiling starts and you will bring out its rich, satisfying flavor.

The benefit to health will soon be apparent.

"There's a Reason"

Made by
Postum Cereal Company, Inc.
Battle Creek, Michigan.



HYATT

ROLLER BEARINGS

In 1921 Farm Work

IN 1921 on American farms, more than ever before, must it be made possible for one man to accomplish more work—for an acre to produce more crops.

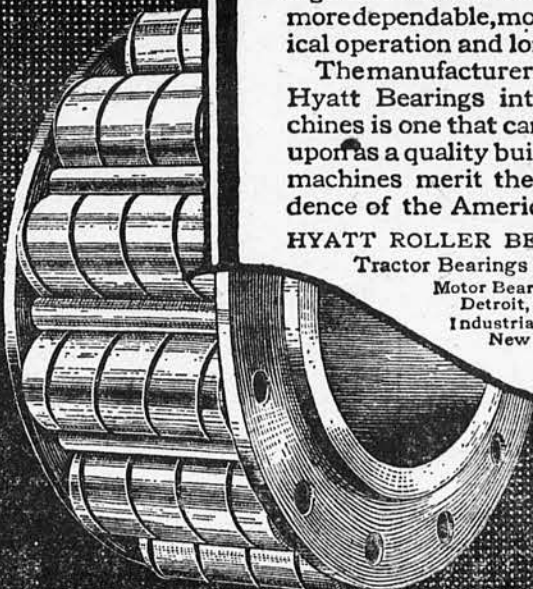
High priced land and high priced labor are but two of the things that are making this necessary.

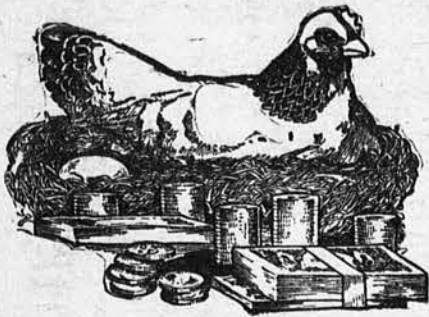
Labor-saving and time-saving farm machinery is going to help in a very large degree to solve this problem.

The use of Hyatt Roller Bearings in farm machinery makes for more dependable, more economical operation and longer life.

The manufacturer who builds Hyatt Bearings into his machines is one that can be looked upon as a quality builder, whose machines merit the full confidence of the American farmer.

HYATT ROLLER BEARING CO.
Tractor Bearings Div., Chicago
Motor Bearings Div., Detroit, Mich.
Industrial Bearings Div., New York, N. Y.





4,200 Eggs From 48 Hens

Simply write me and I will send you a big double size box of my famous Buttermilk Compound Tablets by return mail, postpaid. I want you to know that you can double and treble your poultry profits by doubling or trebling your egg yield—perhaps get five to seven times as many eggs as did many of my friends last winter by using these wonderful tablets. Fed in drinking water or feed. Because I want these tablets known in every township in America I say: Try them at my risk. If you like them, tell your friends. If not, you are not out a cent.

Over 10,000 People Wrote Me Last Year

Here are a few samples of the kind of letters I get from all parts of the United States.

4,200 Eggs.

I used two boxes of your tablets. Before using them I got only 6 eggs a day. Within two weeks was getting 12 to 15 eggs a day. In seven months I got about 350 dozen (4,200) eggs from my 48 hens. I did not have any Roup. I give your tablets the praise, MRS. ARTHUR TUCKER, Wilkinson, Ind.

75 Eggs Instead of None.

I found the tablets were fine to start hens to laying. Before using the tablets I wasn't getting any eggs. Within 10 days after using tablets increase started. I was finally getting 75 eggs a day and fed the tablets until spring.

MRS. R. H. TULTZ, Scranton, Kans.

Makes 'Em Lay in Coldest Weather.

Last winter I fed two boxes of your tablets mixed with feed. Before using tablets got only 12 eggs a day—afterward 30 to 36 eggs a day. This was within three weeks. After feeding the tablets six weeks got 50 and 60 eggs a day and in the coldest weather in winter.

MRS. ELMER HOTTMAN, Ridgeway, Wis.

Best Tablets Made.

The Buttermilk Compound Tablets I think are better than the common tablets. I got more eggs within two weeks after using them. I have some other tablets but the "Buttermilk" are the best. I fed three boxes last winter. My flock did not have the Roup. Will send for more tablets.

MRS. WALTER ELLIS, Gypsum, Kans.

30 Day Free Trial

Because I want one million new users of these wonderful tablets I am willing to send you a big double size box if you will just write me. Your name and address is all I need. Use a postal card if you wish—I'll send the tablets by return mail, post paid. You use the tablets 30 days then report results to me. If you are not satisfied in every way—if you are not more than pleased—the tablets are to cost you nothing. But if you do find that you get many, many more eggs—probably three to five and even seven times as many—and your flock is healthier than ever before—full of pep and strutting around with healthy red combs—the tablets cost you only \$1.00. No matter what you have tried before, I want you to remember that my secret formula is absolutely different from anything else—that it has been known to succeed where others failed. Not only that—you must remember that I send you a big double size box—nearly three times as big as the ordinary box of tablets. At any rate, the risk is all mine. You can't afford to pass up this Special Introductory offer a single minute—it may never be made again.

Send No Money—Just Write Me, That's All.

All I need is your name and address—just put it on a postal card or use the coupon below—I'll understand and send you the tablets post paid by return mail.

Milk Products Co., R. C. Combs, General Manager, 625 Creamery Bldg., Kansas City, Mo.

As per your offer, send me your big double size box of Combs' Buttermilk Compound Tablets. I understand I am to use these tablets in a thirty-days test at one dollar the trial package, and if not satisfied, they are to cost me nothing.

Name.....

Address.....

R. F. D..... P. O. Box.....

Honor to Linn and Coffey

Trophy Cups Make Capper Club Members Happy

BY THE CLUB MANAGERS

A ROW of shining silver trophy cups attracted the eyes of Capper club members who were fortunate enough to get to attend the big pep meeting in Topeka last September. There were cups for pep and cups for profit, of all sizes and description, but to these girls and boys they all looked worth winning, and worth working for, too. Which ones caused the most excitement, kept them up on their toes and showing pep the whole year thru? Why, those two big cups valued at \$50 each, one to go to the pig club team showing the most enthusiasm in club work and the other to the poultry club excelling in pep.

Almost as much interest was aroused by a trophy somewhat smaller than these two and bearing three handles. "Who'll receive that cup?" one member asked. It was explained that this prize would be awarded the county where pig, poultry and calf clubs worked together with the best results. "Watch us work for that joint trophy cup," at least a dozen county leaders said.

Perhaps the daintiest and prettiest cup of all was one with the inscription, "For Loyal Co-operation." Nothing like it had ever been offered until we decided at the beginning of the club work in 1920 to have a mother's pep trophy. For why shouldn't a mother who has worked hard all thru the year with the interest of the club always at heart be rewarded?

My, but the race was exciting, especially the last quarter when several county teams were almost neck and neck. In the poultry club, the contest was exceptionally close between Linn and Coffey counties, but by putting forth a burst of speed during the last few months, advertising their meetings in every quarter of the county and appealing to friends and neighbors to help them win the pep trophy, Coffey county girls came out with flying colors. Following is a list of the 10 leading counties with their leaders, each of whom received a cash prize.

County	Leader
Coffey	Edith Grover
Linn	Elva Howerton
Atchison	Alma Bailey
Johnson	Helen Andrew
Leavenworth	Beth Beckey
Cloud	Esther Teasley
Rice	Ruth Stone
Dickinson	Gertrude Patton
Rooks	Alice Hansen
Republic	Agnes Neubauer

Every one of these clubs did excellent work and showed originality in many ways. Team mates co-operated with county leaders, for they knew that only by working together could they make a good showing. As leader of the winning team, Edith Grover received the trophy cup and \$10 in cash, and each of her team mates who helped her to win received a cash award. "Words cannot express how happy I was when I received the telegram saying that Coffey had won," wrote Edith. "Knowing how disappointed some of the other clubs must be, is the only thing that mars my happiness," said her mother.

But it is certain that every one of these 10 leaders feels honored to think she holds high rank, when she considers how strong the competition was, and those who lost out in 1920 are going to try their luck again this year with a great store of experience behind them and much stronger clubs. Let's make it an interesting contest, shall we, both for the contestants and the spectators? It would be great to have 50 counties in the race for the pep trophy this year.

Using the point system for the first time in their race for the trophy cup, the Capper Pig club boys—and dads, too—in county clubs scattered all over Kansas put up a real fight for the coveted honor. Early in the contest three counties—Linn, Johnson and Cloud—stood out as strong contenders, but Verne Jones and his Mitchell county club, Gilbert Shuff and four other Reno county hustlers, and the Republic county club—led by Ted Thomas, came up with astonishing speed. The early lead couldn't be overcome, however, and on Christmas day Loren Ungeheuer and his Linn county boys received the longed-for message, "Linn county wins cup. Heartiest congratulations and Merry Christmas."

The defeated clubs, however, may be proud of their showing. They richly deserve the credit, and the cash prizes of \$5 each that go to the leaders. This is the way the 10 counties stood:

County	Leader
Linn	Loren Ungeheuer
Johnson	Fred Rausch
Cloud	Ernest Newingham
Mitchell	Verne Jones
Reno	Gilbert Shuff
Republic	Theodore Thomas
Jefferson	Elwood Shultz
Lyon	Dan Eckel
Coffey	Edward Osman
Allen	Hardin Lineback

While there was no trophy cup offered for competition by the "dads" in the club, let's not forget the faithful work they did. In few instances does a boy lead his club to victory without the help and inspiration of dad—or mother. To C. T. Horton and T. H. Morrell, the Linn county boys owe much thanks, for as members of the father and son department these men never lost their enthusiasm. W. A. Andrew of Johnson county and J. C. Stewart of Lyon county are two veterans in club work who always can be depended on to help. Dad as well as the boy benefits from club work. Let's make the father and son division a winner this year.

It isn't so difficult for 10 girls or 10 boys to work together harmoniously, but when it comes to two or three teams working together without friction, you have a feat exceedingly difficult to perform. No county could quite come up to the manner in which the pig, poultry and calf clubs in Linn county co-operated with one another. Each one of these clubs was strong; each team was in to win; every effort was put forth to make the best showing possible; the leaders were good leaders—with the result that the cup for the best team work will travel to Linn county, where it will be treasured for all that it stands for.

The mothers who were members of the Capper Poultry club in 1920 all showed so much pep that it was difficult to choose between them when it came time to award the mother's trophy. However, every member of the girls' division was given the opportunity to state which mother she thought should have this prize and give her reasons for so thinking. Many interesting replies were received. Mrs. W. A. Andrew of Johnson proved to be the most popular and as she has been a loyal helper of the Capper clubs for four years, the cup will go to her. Other mothers deserving honorable mention are Mrs. C. T. Horton and Mrs. Howerton, of Linn; Mrs. John Bowman and Mrs. Mattie Grover, of Coffey; Mrs. Gilbert Smith, of Rice; Mrs. E. A. Bailey, Atchison, and Mrs. E. D. Beckey, of Leavenworth.

Cash prizes are won and spent, but trophy cups stand for years as emblems of leadership ability that will always place those boys and girls in the lead in the bigger contest of life. Capper Pig and Poultry club winners of the present will be leaders in their communities in the years to come.

New Agricultural Botany

The editor has just received an interesting and instructive book from the publishing house of John Wiley and Sons of New York City entitled Botany with Agricultural Application. This book was written by Prof. John N. Martin who is professor of botany in the Iowa State Agricultural college at Ames, Iowa. This book is well written and handsomely illustrated.

In this work the fundamental facts of botany are taught in such a way as to make it relate to practicable things. The subject matter is presented in two divisions or sections. Part I is devoted to the subject of the study of the structures and functions of flowering plants, and Part II, to the study of the kinds of plants, relationships, evolution, heredity, and plant breeding.

Progressive farmers as well as agricultural students and teachers will find this text a valuable book in many ways. Copies of this book may be had from the publishers at \$3.50 a volume.

A woodlot is just as deserving of care and good treatment as is the garden, the orchard, or the pet horse.

3 MINUTES A DAY Hatches Eggs Now!

NEW KIND OF HATCHER Yes, my new kind of hatcher takes only 3 minutes of your time a day. Fill oil tank only once for entire hatch. Turn eggs in one minute by lifting hinged top. Read thermometer through glass in top. Automatic moisture regulator. Wonderful heating system requires only 5 quarts oil per hatch. Greatest incubator sensation in years. Thousands in use.

16 FEATURES My Radio-Round incubator is built ROUND like hen's nest. No Cold Corners. Center heat means No Cold Side. Automatic Flame Trip saves oil. Complete circuit radiator and patented heat diffuser means EVEN heat. 16 big features like these save time, work, and money and mean biggest hatches of strong, healthy chicks.

BOOK FREE Send postal or letter for beautiful illustrated book about this new kind of hatcher. Read startling reports from beginners, young folks, women, experienced poultry raisers. Don't miss the amazing Poultry Profit facts in this free book. Just send in your name.

Radio-Round Incubator Co., 101-A May St., Wayne, Neb.



STOP! POULTRY PROFIT LEAKS

Of course poultry raising pays—but poor methods mean leaks that eat up most of the profits. Don't experiment—follow the safe plan. **X-RAY WAY SAVES THE DAY** The X-Ray Incubator stops the leaks—gets you a larger percentage of chicks than any other. The X-Ray Way is the Right Way.

Shipped Express Paid. Poultry Profits depend largely upon right incubator. Start right—hatch your own chicks. An X-Ray Incubator best results—insures quality poultry thus gets big profits for you.

20 Exclusive Features such as our Radiator Heater, Vapor Generator, Gas Arrester, Automatic Trip and Regulator and 15 others make it the World's Superior Hatcher. The X-Ray is the proper incubator for either beginner or expert. It operates economically, requires no special care or attention. Built right to insure biggest possible hatches and healthier, stronger chicks. **Big Colored Catalog Free** Shows X-Ray Incubators and Brooders that produce profitable chicks. Instructive and valuable. Write for it today—it's free. **X-RAY INCUBATOR CO.**, 342 X-Ray Building, Des Moines, Iowa.

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Mail a postal—Get our offer. Poultry lessons free to every buyer. Booklet, "How to Raise 48 Out of 50 Chicks," 10c. Catalog FREE. Make green, egg-making feed in "SUCCESSFUL" Grain Sprouters. **DES MOINES INCUBATOR CO.**, 346 Second St., Des Moines, Ia. **28 Years of Big Successes**

OVER 22 YEARS A PROVEN SUCCESS SURE HATCH INCUBATORS AND BROODERS

Save work, worry, and prevent chick losses by hatching and raising your chicks with Time-Tried Sure Hatch Incubators and Brooders.



LESS WORK—GREATER PROFITS Sure Hatch Incubators have hatched millions of chicks in the past 22 years. Thousands of new Sure Hatches going into use every year, and make money for their owners. Present high prices for poultry and eggs and cheap feed make the business profitable. Our free book tells all about the machines. No extra charge for fixtures, instruction Book or Uncle Sam Poultry Book—all go with the machine. Sure Hatch Coal Burning Brooders prevent chick losses, self-regulating, even heat, fresh air, roomy, economical.

Send for FREE Book Tells About Profitable Poultry Raising **Sure Hatch Incubator Co.** BOX 14 **FREMONT, NEB.**

Farm Engineering Notes

BY FRANK A. MECKEL

Readers of the Kansas Farmer and Mail and Breeze who have inquiries involving problems in farm engineering are urged to avail themselves of the service of this department which is offered free of charge.

Care of Garden Tools

Wheelbarrows, hoes, rakes, shovels, picks, cultivators, trowels, weedeers, spading forks, and all small garden tools often are carelessly thrown aside after their service in the fall and summer. Next spring they may be found all covered with rust and sometimes entirely ruined.

Paint applied to the metal as well as the wooden parts before putting them in winter storage would protect them from rust. In the spring after a few days' use, the paint will have worn off the working parts, leaving the metal bright and clean. Tools will last much longer if given this treatment. If they are not painted, they should be given a coat of oil and hung up off the floor. Any old oil, such as the waste oil drained from the automobile or tractor crankcase will answer the purpose very well, and will be of some use instead of being thrown away.

The Great Big Truck

One manufacturer of a large truck is making quite an effort to show that the large truck is after all the easiest one on the roads. This company has been co-operating with the Government in making some rather extensive tests on this interesting subject. The Government has been having one of the specialists from the Bureau of Public Roads make some of the tests, and the results are quite astonishing.

A 3-ton truck carrying a 5-ton load was found to have an impact or crushing blow of 17 tons when it crossed a 2-inch rut, while a 5½-ton truck carrying a 5½-ton load only showed an impact of 12 tons in crossing the same rut. In short, the impact of the large truck with even a heavier load was only 68 per cent of the impact of the smaller truck with the overload.

The experiments and tests have not been completed yet, but they will bear some watching at least, for here may be the evolution of a new theory which may show that the large trucks are not so harmful to roads as many have thought. The point which this one manufacturer brings out is that the large truck has a smaller unsprung load, or that a greater proportion of the weight is carried on shock absorbing springs, thus relieving the impact.

To Make Gasoline From Straw

The United States Department of Agriculture has been running a series of experiments on the manufacture of a combustible gas from wheat straw, and if successful, Kansas, the greatest wheat producing state in the country, may start out on a new line of industry within the next few years.

According to reports of J. C. Mohler, secretary of the Kansas state board of agriculture, about 1 ton of wheat straw will produce the equivalent of 40 gallons of gasoline. Based on the figures of 11,640,000 acres of wheat in Kansas in 1919, there could have been produced 46,560,000 gallons of fuel, and it is estimated that enough wheat straw is going to waste west of the Mississippi River alone to supply one-fifth of the fuel required for gasoline engines in the country.

Should these experiments turn out satisfactorily, it may not be long before we shall see every farmer blowing the straw from his thresher into a still and drawing off gasoline with which he will run his power farming implements. Coming at this time, when many geologists are fearing the serious shortage of gasoline due to the tremendous demands for that product, this report arouses great interest.

The big factor in the success of the project will be in getting the cost of production down to a reasonable figure. At present gasoline prices, the value of the fuel which might be produced by the new method would be about \$12 an acre.

The Garden Tractor

Several agents have been thru this section of the country trying to sell small garden tractors. I would like to know whether they are any good. We could use something of

this kind on our truck farm, but we are in doubt as to the value of such a tractor. Wyandotte County. L. K. B.

The small garden tractor answers a particular need so far as the truck farmer is concerned. There are several good makes on the market, any of which, if properly guaranteed and manufactured by a good reliable company will no doubt prove very serviceable. They will work in hot weather without a rest, and they will all handle a great variety of tools. Some makes will even pull a small breaking plow, and in this way they have proved very valuable in plowing out corners, as they can be turned in a very small circle. They often are used to operate lawn mowers on large greenswards, such as parks and golf links, but they are used largely on garden truck farms. If you really believe that you have use for one on your farm, it would be a good purchase and one which I am sure you would never regret.

Big Farm Meet Next Week

The semi-centennial convention of the Kansas state board of agriculture is scheduled to take place in Topeka next week. J. C. Mohler, secretary of the board, announces that the meeting will be held in Memorial Hall, beginning at 4 o'clock the afternoon of Wednesday, January 12, and closing Friday evening, January 14. Gov. Henry J. Allen will deliver an address at the opening session. This will be followed by a historical address on "The Harvest of Fifty Years," by F. Dumont Smith, president of the Kansas state historical society.

A. F. Lever, a member of the Federal Farm Loan Board and a former Congressman will head the list of speakers. He is the author of the Smith-Lever bill providing Federal aid for enlarging the farm extension work of agricultural colleges and he is also the author of the Federal Food Control act which was of such vital importance in the war.

Another important speaker is Frank I. Mann, of Illinois, a practical farmer who has devoted his career to increasing the yield of his fields.

The meat producing problem will be presented by A. C. Shellabarger, former governor of Nebraska. He has had wide experience as a breeder and feeder of beef cattle and hogs. Dr. C. W. McCampbell, of the state agricultural college, will discuss the local problem of meat production in Kansas. Chancellor E. H. Lindley, of Kansas university, will deliver an address on "The New Pioneers."

Of special interest to women will be the program for Thursday, when Miss Helen B. Thompson, dean of the division of household economics at Kansas State Agricultural College will open "The Farm Daughter's" Hope chest for inspection.

Taxation will be discussed by H. G. McKenzie, chairman of the committee on taxation of the American Farm Bureau Federation. "Home Life" will be topic of Dr. F. S. Blayney, of Abilene.

Kansas Map to Readers Free

We have arranged to furnish readers of Kansas Farmer and Mail and Breeze with a big one-sheet Wall Map of Kansas. This large map gives you the area in square miles, and the population of each county; also name of the county seat of each county, it shows the location of all the towns, cities, railroads, automobile roads, rivers and interurban electric lines, and gives a list of all the principal cities of the United States. For a short time only we will give one of these big wall maps of Kansas postpaid to all who send \$1.00 to pay for a one-year new or renewal subscription to Kansas Farmer and Mail and Breeze. Or given with a 3-year subscription at \$2.00. Every citizen of Kansas should have one of these instructive wall maps. Address Kansas Farmer and Mail and Breeze, Topeka, Kan.—Advertisement.

A Real Fiction Story

A very clever fiction story has just been issued from the presses of The Macmillan Company, 66 Fifth Avenue, New York, N. Y. This is The Terrible Island, by Beatrice Grimshaw. It is a story of adventure and romance in the South Sea Islands—it should appeal to every real fiction fan. The price is \$1.75.

Ideas That Make Money

Let me send you this book, full of ideas on making money from poultry. For showing the real, practical dollar and cents side of poultry raising, I do not think it has an equal.

Send me your name and address and I'll mail you a copy free. Also get my 1921 money-saving price on

Old Trusty

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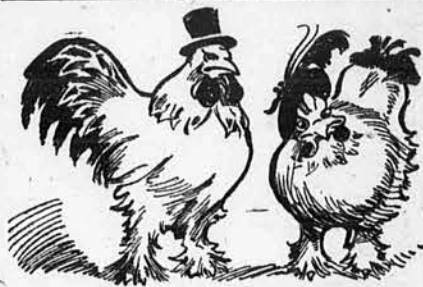
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Mrs. Ida Migliario
—EDITOR—

Miss Louise Glanton Talks to the Girls About Their Clothing Problems

WELL, I never realized before what an important part our clothes play in our lives. Who would ever think of tight, high-heeled shoes causing wrinkles in one's face, or unbecoming clothes making one self-conscious and incapable of appearing at her best? And really I thought my hair looked quite presentable but I guess it is fluffed out over my ears as much as that of the girl in the picture Miss Glanton showed us, and hers certainly did look ridiculous."

These remarks were heard as the Northern Kansas high school girls, attending a conference at Manhattan recently, filed out of the Community House. The girls had been very much interested in what Miss Louise Glanton, professor of clothing and textiles at the Kansas State Agricultural college, had told them about their clothes and hair, and in the demonstrations showing attractive dresses for high school and college girls for all occasions, and up-to-date types of hair dressing.

"Select clothing that is comfortable and becoming and that you can afford to buy," Miss Glanton advised. "Study your type and size and select your clothes accordingly. Be extremely particular about color. That is the first thing people see. I heard a man say recently that a certain girl looked beautiful and that her clothes matched her complexion and her hair. It isn't necessary for clothes to match the hair and complexion but they should harmonize with both."

If you are stout you should not select large plaids for your dresses. Two girls appeared on the platform, one rather stout, the other slender. The girl who was stout wore a dress the lines of which were straight up and down without much fullness while the slender girl's dress had tucks going around and a full tunic. These lines gave height to the stout girl and breadth to the slender one.

There are few types of dresses more practicable and attractive for young girls than middie blouses with plaited

skirts. These make ideal summer costumes when linen, cotton or pongee silk are used, and the woolen flannel ones are warm and smart for winter wear. Dark blue and bright red are popular colors for winter middies but other colors are much used also. Blue middie suits usually are brightened with a red tie and an emblem of the same color on the sleeve.

Next to the middie suit for both comfort and neatness comes the one-piece

where something a little warmer is desired. These suits may be worn under the winter coat and are ideal for spring and fall wear without a wrap.

"Girls, keep the nerves on your wrists and ankles warm and cover up your chests in cold weather if you would keep well," urged Miss Glanton. "It isn't necessary to wrap up the neck tightly, but the chest must not be chilled. Wear long sleeves to protect the wrists and high shoes or spats with

our feet are permitted to grow as they should they will not be cramped and deformed.

"High heels never should be worn except for evening or afternoon social affairs. They were not meant for walking. There's another reason why young girls should wear low heeled sensible shoes. Those who know say tight fitting, high heeled shoes cause wrinkles to appear in the face and often are the cause of backaches and other troubles.

"Hair disease is like the measles," said Miss Glanton. "Folks usually have it while they are young and it is contagious. If you and Mary Smith are chums and Mary has great puffs over her ears it won't be long until the puffs over your ears will begin to get larger and the first thing you know they will be as big as Mary's.

"The particular hair disease that is so prevalent among the girls of today is a terrible one," she continued. "It is sad indeed to see the change in a girl with beautifully arranged hair after she catches the terrible hair disease. It makes me wish there could be something done to stop its spread.

"If a girl wishes her hair to look beautiful the first thing she should remember is to keep it clean and free from dust and dandruff and to brush it until it shines. Clean, smooth, shiny hair always is pretty and it is not necessary to fluff or rat it to make it attractive. In combing the hair try to preserve the general outline of the head and remember that the simpler it is arranged the more beautiful it will look. Have puffs over your ears if you wish but have small ones and do not fluff or tangle your hair or add false hair to make them."

To show how a young girl may comb her hair so as to make it look beautiful as well as stylish, four girls were called to the platform. These girls had hair that was so glossy and clean looking and so simply but artistically arranged that everyone admired it.

Stella G. Nash.



dress. The one-piece dresses shown were of woolen materials in the dark colors with just enough of a bright color added to lend interest. Some of the frocks had wide, bright colored sashes, and others a touch of embroidery or a bright bit of piping. All were made with belts of some kind to suggest the waistline but none of them was tight. All the sleeves were long.

Light weight suits with tuxedo fronts were suggested as suitable

low shoes so the ankles will not get cold, and button up your coats."

Shoes formed the next part of the discussion. "Have your shoes appropriate to the thing you are going to do and be sure they are wide enough at the toe so as not to cramp the foot," advised Miss Glanton. "When people have weak ankles or flat feet it is a pretty good sign they haven't been wearing the right kind of shoes. We weren't born with these defects and if

Homey Stories for Homey Folks

FOR COLD weather, nothing is quite so convenient and warm for the baby less than 6 months old as the baby bunting. This can be made of any heavy woolen or blanket material, and will show soil less easily if made of either pink or blue. A strip of swansdown in white or a strip of white fur around the face makes a good setting for the little rosebud face.

In this the baby's hands are kept warm as are his feet. It usually is made large enough that it may be put on over other wraps so that no blanket is needed over the garment. Thus the baby is much more easily handled as there is no way for wraps to crawl up around his neck.

The wise mother uses one of these for a sleeping bag and lets the baby have at least one of his naps on the porch in the open air. His crib, buggy or basket may be covered entirely to prevent drafts but in such a way that fresh air can get to the little sleeper. There is no better way for the youngest member of the family to get his needed quota of fresh air this winter.

Mrs. Velma West Sykes.

Training for Motherhood

Motherhood has been considered the most wonderful profession in the world and yet it has been the one for which no special training has been given.

Dr. Florence Brown Sherbon, chief of the division of child hygiene of the

state board of health, has prepared a correspondence course by means of which she hopes to help the women of Kansas realize that it is the duty of each one to herself, to her children, and to the world to be not only healthy but vigorous and strong.

The course of study includes a series of 12 lessons, each one treating the fundamental facts in preparation for motherhood. These lessons will be mailed to any address, free of cost, one each week for 12 weeks. With the lesson will be enclosed a return envelope which should acknowledge the receipt of that particular lesson.

Every person taking the course is invited by Dr. Sherbon to ask any questions or make any comments the lessons suggest.

It is Soap Time Again

MRS. M. C. THORP

Women not only made their soap 50 years ago, but they made their lye, too. The process of combining and cooking lye, water and grease is quite interesting especially to the farm woman who knows production is the chief end of the business.

I learned to make soap with home-made lye when it was necessary to judge its strength and capacity for grease without any instructions. During the last few months I have made more than 100 pounds of soap for both kitchen and laundry purposes.

Many women object to the home-made article because they never have

used any that was made properly. It is unreasonable to expect the home-made soap to be as uniformly perfect as that made by experts in factories but the following recipe, using only such fat as would otherwise be wasted, makes an excellent article.

To 1 can of lye and 3 gallons of water add 6 pounds of grease. This is the proportion but the quantity can be increased according to the amount of grease and fats available, or the size of the kettle in which it is to be made. I have a medium sized kettle and use 2 cans of lye, 6 gallons of water and 12 pounds of grease.

After the lye is thoroly dissolved I add the grease and boil the whole rapidly until the meat scraps are "cobwebby" in appearance. This takes 20 to 30 minutes. As a rule all the grease will be eaten in 45 minutes, and one can then remove the bones or scraps.

I then boil the mass steadily until I get certain tests for the finished products. One of my favorite tests is to lift the stirring paddle and if the soap runs off in hair-like threads it is cooked sufficiently. This test is good only when unsalted grease is used. If there is salt in the fats, such as trimming from meats, I pour a little of the mixture in a shallow dish and if it hardens quickly it is done.

By dropping a small quantity in cold water I can tell if there is too much grease, for it will show on top. Another test is to make a suds. If the lather is fluffy and stands for some time the soap is good.

Thoroly cooked soap should cool slowly, and when it is hard it should be cut into medium sized cakes and put on boards to cure in a dry place. Freezing while green, ruins soap.

A Handy Sifter for You

Angel food cake can be made as easily as sponge cake if a double pan flour sifter is used. This type will sift 8 cups of flour 50 times in 5 minutes by merely turning the pans back and forth.

Use two medium sized pans of exactly the same dimensions, place them together with fine screening between the two rims. For a nominal sum a tinsmith will fit this screening into a circular tin band that will fit between the two pans.

Such a utensil removes the most difficult part of the work connected with making an angel food cake.—Clementine Paddleford.

An old shoe box with a string tied to it will make most babies leave an expensive wagon to pull the box around.

Do Ye Unto Others

So many pleasures make our day,
So many hands their service lend,
That I, for one, cannot but say
That everyone is brother—friend.

Could all but sense this law divine
And truly live thru this new year
Ruled over by its golden line,
Soon peace would follow far and near.

—Irene Judy.

Women's Service Corner

Send all questions to the Women's Service Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.

Where to Ship Furs

I should like to obtain information concerning a reliable place to get small furs tanned.—A Kansas Reader.

You will find the Kansas City Robe and Tanning Co., 219 Main St., Kansas City, Mo., a reliable firm to which you may send your furs to be tanned.

Hemstitching Attachments

Will you please tell me where I can get a hemstitching attachment for my sewing machine? Also, what is the price?—Mrs. L. F. B. and Mrs. M. C. W.

Send the make of your machine and \$1.50 to the Singer Sewing Machine Co., 624 Kansas Ave., Topeka, Kan. They will be glad to fill your order.

Land Open to Homesteaders

Where should I write to obtain information concerning land open to homesteaders in the United States?—R. S.

You can obtain this information by writing to the Agent, United States Land Office, Government Bldg., Topeka, Kan.

Gum on Plush Coat

Can you tell me how to remove gum from a seal plush coat?—Brown Eyes.

The safest way to remove gum from seal plush would be to have it dry cleaned. It is difficult to use something on spots without rubbing the nap the wrong way and leaving stains. Benzine might do the work but I am not sure that it would not injure the nap.

If Your Kitchen is Small

BY LOLA SLOOP KEYS

"Come and see my breakfast table," invited Mrs. Cole one afternoon when I was calling on her. I followed her into her kitchen wondering why she had a breakfast table and where she kept it. Mrs. Cole walked thru the kitchen out to her screened back porch. "Isn't it rather cool for a breakfast table on the porch?" I asked, rather amused.

But Mrs. Cole was coming in from the porch carrying something in her arms. She placed it on the floor, reached down and loosened two hooks and a table stood before me. It was very simple, just an ordinary kitchen table with the legs on hinges. The legs hooked up under the table so that it could be moved easily.

Mrs. Cole told me that this table was the handiest kitchen help she had. Her kitchen is not very large and there is no room in it for a table. Of course, she has her kitchen cabinet with the table on it, but there are times when a farmer's wife finds she must have a kitchen table.

When my neighbor has a number of extra men for which to cook, she brings in her folding table to use in the kitchen. Very often she has guests at dinner and the folding table always is set up in the kitchen for the kiddies to eat from if the dining table is filled with grown-ups. In canning time, Mrs. Cole says the table is almost a necessity.

"But," my friend concluded, "I use it the most in the early fall and late spring. When we get up to a cold house and want a quick breakfast, we can eat it from the folding table while without it we would have to wait for the dining room to heat. Of course, if you have a furnace, that difficulty would be overcome, but as we have none, we never try to keep a fire during the night in the dining room until cold weather is here."

On my way home, I thought how nice such a table would be in serving light afternoon refreshments in the summer. It could be placed on the porch or anywhere with such little work. I decided to have a folding table before spring, and my table is now in the process of construction.

Watching Ourselves Go By

BY MARY MOORE BARRETT

Some years ago we sang a school song, the lines of which I cannot recall, but I remember the chorus contained these words: "The world is what we make it." What a world of thought these few words contain! Truly the world is largely what we

make it. We can make ourselves content with our surroundings or we can fret and worry and miss many of the blessings of life. And how much joy we often miss because we do not take time to look for the pleasant things in our daily-life!

There are many mothers who are failing to enjoy the companionship of their growing children because all they seem to see is the meals to be prepared, the long line of clothes to be washed, the making and mending of clothes and the endless tasks to be accomplished in the rearing of these little ones. Then all too soon the children no longer are little and the time of enjoying their baby hours is past. Then come vain regrets and self-condemning reflections.

I once knew the mother of a large family who always seemed to be contented and never worried or hurried. While enjoying a good dinner in her home one day I said to her, "I don't see how you get all your work done."

"Oh, I don't," she replied complacently. "There are lots of things that never are done."

However, my wise friend never let this worry her and consequently she kept her companionship, sympathy and understanding for her growing family.

After all, this is the secret of a contented life, to do what one can reasonably do and not worry over the impossible or unattainable. These lines of a little poem I have read somewhere come to me and I want to pass them on: "It is well to stand by the side of the road, and watch yourself go by."

Wouldn't that be good advice for all of us to follow? Standing off at good vantage point and "watching ourselves go by" might open our eyes to faults we never dreamed we had. And knowing our faults might help us to be a little more lenient with other people's peculiarities and a little more self-reforming.

The One-Piece Dress

9852—Women's Waist. The girl who wishes a blouse that is "different" will find this pattern suitable. The draped collar emphasizes the deep neckline. Sizes 36, 38, 40 and 42 inches bust measure.

9868—Girl's Dress. This frock may be made with long or short sleeves and would be pretty in serge or gingham. Sizes 8, 10, 12 and 14 years.

9857—Misses' or Small Women's Dress. This is a simple one-piece



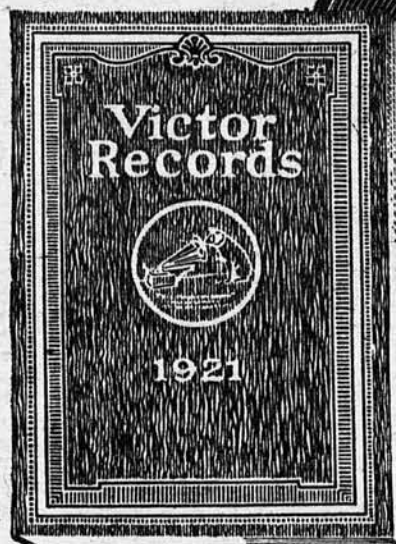
dress that may be made well of serge, tricotine or velour. Long, loose sleeves and a high Medici collar are special features. Sizes 14, 16, 18 and 20 years.

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

After the dust has been taken out of carpets, the colors will be much brighter if cornmeal and salt, mixed in equal proportions is scattered over the carpet and swept off.

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For Our Young Readers

It's a Little Club But the Work is Big

BY IRENE JUDY

(To the tune of "Smiles")

Do we really know
Just why life's worth living so,
Just what brightens, burdens lightens
Everywhere we go?
Surely, if defined,
'Tis the friendship true and kind
Turning sadness into gladness,
Cheer and help combined.
There are loving deeds of kindness
We may strew along life's way,
Little deeds that always cheer and brighten,
As the sunbeams on a wintry day;
There are deeds for little shut-in children
That will cheer and brighten their lives,
Too;
These are deeds the Merry Mercy Maidens,
Working, playing, will strive to do.
Truly, kindly deeds
Soon will spread like thrifty weeds;
Once they're planted, seem enchanted,
Like to fairy seeds;
Come and have a part
With a glad and willing heart.
Always working, never shirking,
Now's the time to start.

THIS SONG was sung by the 30 girls of the Merry Mercy Maidens club of Garnett, Kan., as the happy climax of an interesting entertainment which concluded the season's work of the little club whose slogan is "We work and play for Mercy." And it seemed that the good folks of Garnett were "glad and willing to come and have a part." Before the entertainment shop keepers gave their store windows for the placing of clever posters and the weekly paper supplied the advertising.

Then there was "Tag Day," and all the day club members were busy selling tags for "Mercy." And what rejoicing there was when the final returns showed \$200! This sum is to help equip and support a bed in The Children's Mercy Hospital in Kansas City. It was for help in this institution that the little club was organized. Mercy hospital, which is non-sectarian, cares for little sick and crippled children whose parents cannot afford to give them the medical care they should have. The work is done free of charge and last year alone 7,000 children were cared for.

The meetings of the club are held every week. At a recent meeting the girls hemmed 60 crash towels for the hospital. And if isn't all work for the members. Games and "eats" have a part in every meeting. One morning the girls hiked to a beautiful little park and cooked their breakfast there, learning a lesson in camp cookery as well as having a jolly time.

Earning money for their work keeps the girls busy. Just now they have started an egg-a-week plan. Every member asks her mother and friends to give one egg every week. They have also placed boxes in the grocery stores where the farmer folk who wish to help may contribute. Every other Saturday the eggs are collected, crated and sent to Mercy.

Don't you think this is an interesting club? The Garnett girls do. And

I think the real secret of the pleasure this little band of Merry Mercy Maidens gets from its work is the fact that their good times are helping little sick and crippled children grow well and strong.

Can You Guess?

If you can guess the article of kitchen furniture these verses tell about send your answers to the Puzzle Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan. There will be packages of postcards for the first six boys and girls sending in correct answers.

My first is something
Often you see
When requesting a drink,
Or at afternoon tea.

My second, carpenters use
In various ways;
It costs much more
Than in former days.

My whole you find mentioned
In Mother Goose rhyme;
It's as much used today
As in Grandmother's time.

Solution December 18 Puzzle: Christmas Gifts—Ties, gloves, books, candy. Prize winners are Marie Jagan, Dorothy Hemphill, Florence Evans, Bill Studdard, Leonard Probst and Essie Baugher.

Candy Kingdom

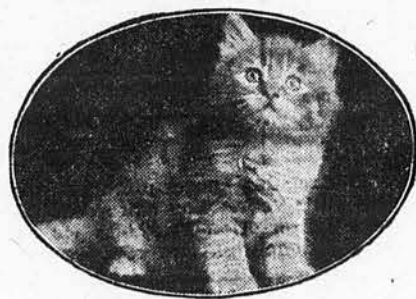
"We are now entering Stick county," said the fairy guide to Bobbie. Bobbie glanced up and saw a beautiful grove of apple trees. The tree trunks were made of red and white stick candy. There were apples on the trees and apples on the ground all made of red and brown sugar. The fairy guide gave Bobbie no more time for thinking of the orchard, for she touched him and said, "Follow this path until you come to a small cottage. Explore the rooms within, but you will wake up as you come to the last one. But never forget what you have seen in Candy Kingdom." And with this she was gone, just as if the earth had opened and swallowed her. Bobbie was left standing in the middle of the path and so he went on down it till he came to the cottage.

He entered and went down the hall until he came to the last room. A key was sticking in the lock and Bobbie opened the door. He was almost trampled under foot by the swarm of children that rushed out. They all told Bobbie their stories and they were all the same. They had eaten too much candy. Some did not have even one tooth in their mouths. Bobbie was just going to tell his story when a bright flood of sunlight blinded him. He found himself rubbing his eyes but instead of being in fairyland he was in his own little bed in the town of Riverview. LANE TWINS, Tescott, Kan.

The Pig-Wig

There once was a little Pig-Wig. He lived in a little house made of wood. One day he went for food. No one was in sight. Piggy-Wig ran as fast as he could and got his apples and started for home and on his way he passed a wolf's house and the wolf said to him, "I am very skinny now and I believe that I will eat you for my breakfast." The little Pig-Wig ran as fast as he could till he got to his home. The wolf did not get the little pig and the Pig-Wig lived happily ever after. JOHNNIE MARTZ, Weir, Kan.

My Picture's Just Horrid!



Why must kittens pose for pictures—

That's just what I'd like to know,
Why they must be brushed and petted

And then made to sit just so.
Well, I don't know any reason,
But it happened just the same,
Just 'cause Betty took a notion
To see her Kitsey in a frame.

And the Uptown was so noisy
That I most forgot to purr,
And I meowed and clung the tighter
'Til Miss Betty said, "Now, Sir!"
Then we came to a queer long room
And I saw the funniest man
Who just smiled and spoke to Betty;
Then my troubles—they began.

Well, he placed me on a table,
And I wondered what was next;
But when I moved just a little
He seemed to be so very vexed;
Then he whispered to me
To watch for the little bird—
And he said the way I acted
That I hadn't heard a word.

Now, Betty says my picture
Is terrible! So there—
But, being just a kitten,
I can't say that I care;
She says I look just horrid—
I don't care if I do,
For it wasn't nice away from home—
And—I was frightened, too!

—Rachel A. Garrett.



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Health in the Family

BY DR. C. H. LERRIGO

Service in this department is rendered to all our readers free of charge. Address all inquiries to Dr. Charles H. Lerrigo, Health Department, Kansas Farmer and Mail and Breeze.

Thumb Sucking Baby

What can we do with a thumb sucking baby of 3 years old? F. F. V.

Thumb sucking is one of the easiest habits of babyhood to acquire and one of the most difficult to break. It is not a trifling matter for it introduces bacteria and other filth into the mouth; it promotes deformities of jaws, teeth and thumbs; it favors mouth breathing and adenoids. On the same order is the sucking of "comforters."

Don't be afraid to teach babies at an early age that the mouth is reserved for proper food. Punishment to the erring hands is not often very beneficial. Scolding will accomplish nothing.

Many devices are used to break the habit. The best way is to fasten the arm in a pasteboard sleeve that permits free movement except at the elbow. A child who cannot crook his elbows can't suck his thumb. A week or two of treatment will be long enough.

The Soft Spot

Would you please explain to me thru the Kansas Farmer and Mail and Breeze just what the "soft spot" on a baby's head is and what causes the variations in size? I have heard that it is a very vital part of the brain. M. J.

There is nothing about the "soft spot" to cause any dread on the mother's part if she handles her baby with ordinary care. The bones in a baby's head are formed from separate bone centers and allowance has to be made for gradual growth. So at birth, since the bones are not fully formed there is an unfilled space where three rounded bones are trying to grow together. The space you call the "soft spot" is known to doctors as the anterior fontanelle. It is protected by quite a tough membrane as well as by the tissues of the scalp, and no ordinary handling will hurt it. It closes up in from 12 to 18 months.

Treatment for Sciatica

I have a friend who is thinking of going to Hot Springs, Arkansas, to take treatment for sciatica. I have been advising against the plan, because I have heard that resort spoken of as the "Mecca" for those who have syphilis. Am I correctly informed? E. G. S.

It is true that very many persons go to Hot Springs for treatment for syphilis, also many go to take treatment for other diseases. I do not think there is any great danger of acquiring syphilis innocently at Hot Springs. My objection to the visit is based on the fact that there is nothing at Hot Springs really to cure sciatica that cannot be obtained at home. Sciatica is one of that class of diseases originated by some focus of infection existing in the body, perhaps in teeth, tonsils, appendix or other concealed spot. Let the trouble be located and the poison removed and the sciatica will disappear.

Treatment for Piles

I am seldom able to do a full day's work lately. About all that I know to be wrong is piles. Would that cause the trouble? S. B. S.

It is possible that the piles may be the cause of the trouble that you are having.

Since you are having so much trouble it is quite likely that you will have to have the cause removed by an operation. A good doctor often can manage this operation in his office without sending you to a hospital. He would inject the pile tumor with a local anesthetic so that there would not be much pain. Such an operation would not keep you long from your work. I recommend that you have it done.

Remedy for Neuritis

Will you kindly explain thru your columns the disease called neuritis? Please mention some of the causes of this disease, and suggest a remedy, or at least what might afford relief to one who is afflicted with this trouble in the arm. P. E. C.

Neuritis is a term applied to an inflamed nerve. The arm is rather a common location. It may come from the arm getting thoroly chilled, from injury, from strain, or it may follow a wasting illness. The best remedy is

absolute rest and warmth. The arm should be carefully bandaged and carried in a sling for at least three weeks. The sling may be removed once daily and very gentle massage given.

Treatment for Deafness

I have consulted different specialists about my deafness. They tell me it is dry catarrh of the inner ear and they can do nothing for it. Now I wish to ask you whether it would not be possible to reach that trouble with some good blood medicine and whether the decomposed matter in the inner ear could not be removed that way. J. V.

I think it is catarrh of the middle ear that makes you deaf. I know of no medicine that can be taken internally that will do any good. When the deafness has not made much progress it is worth while to treat the catarrh by building up nutrition and encouraging resistance to colds. You do this not because it will bring back your lost hearing but to save what you still have. Middle ear deafness is incurable so far as our present knowledge goes.

Various Readers

You must always enclose stamped and addressed return envelopes when asking questions about sexual matters. This is a family paper read by children and grown-ups alike.

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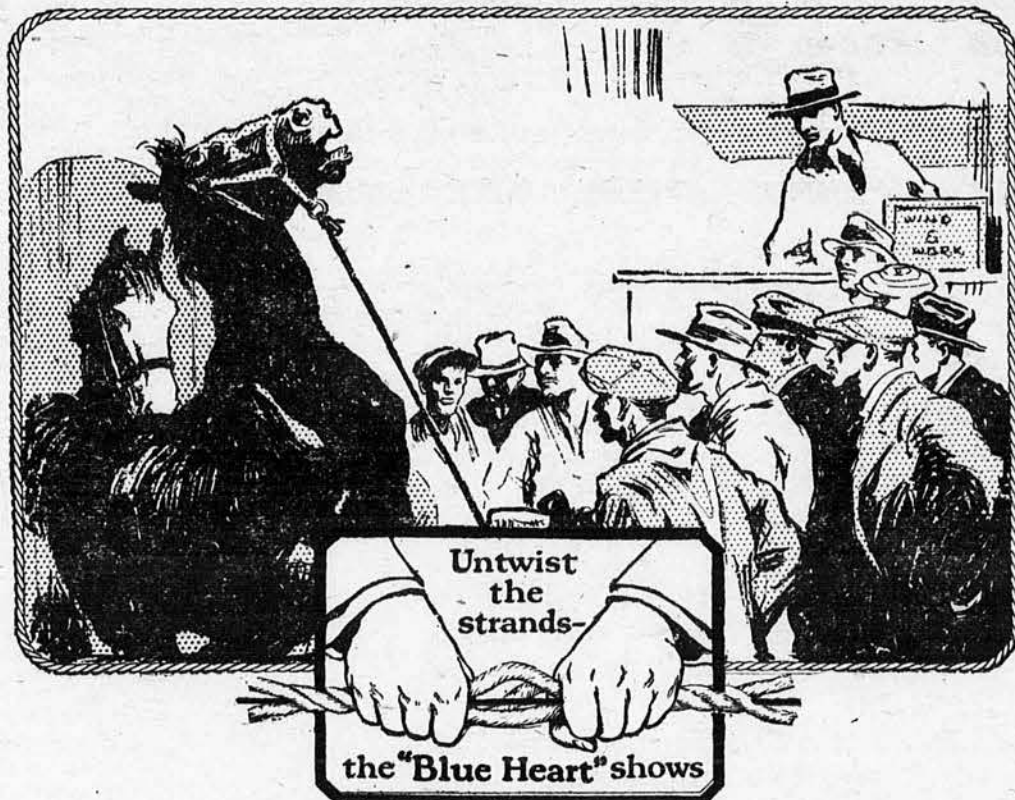
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H. & A. "Blue Heart" Manila Rope—spun from the toughest of manila fibre—stands up under tests which frazzle and break ordinary rope.

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Meeting every demand for strength, H. & A. "Blue Heart" Manila Rope is standing up under the severest tests of hard usage all over the United States. And yet it costs no more than ordinary rope!

A rope whose strength is insured. There are many fibres used in rope making, of varying strength and durability. Manila, the strongest, the

toughest, has numerous substitutes which closely resemble it.

The public, confused by this similarity in appearance, has had to buy in the dark and trust to the honesty of the maker for good rope.

The eye cannot detect adulterations. What looks like excellent rope will often fray to pieces when comparatively new.

How, then, can you tell? There's an easy way. Pick up any piece of rope in your hands, untwist the strands, and—

If you find a thread of blue running through the center, a Blue Heart, then you will know that you have found a good rope, a rope built to deliver more strength than you require.

Then you will know that you have found genuine H. & A. "Blue Heart" Manila Rope.

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A halter made of H. & A. "Blue Heart" Manila Rope has three times the strength of a leather halter. A piece of H. & A. "Blue Heart" Manila Rope the size of your little finger will carry the weight of fifteen or twenty men.

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Why Wheat Prices Dropped

FINDINGS of the Federal Trade Commission, which was directed by the President to investigate the causes of the decline in wheat prices, made public at Washington, December 20, were as follows:

1. The outlook for an increased world supply.
2. Concentrated buying by foreign governments last spring and slack purchases later.
3. "Unprecedented" importations from Canada following an "unprecedented yield and a discount in rate of exchange."
4. The record breaking yield of corn and the large yield of oats.
5. The slackening in domestic demand for flour.
6. The general tendency toward commodity declines.
7. The change in credit conditions "with resulting disposition of distributors to refrain from accumulating usual stocks."

The report says further: "The limited evidence available does not establish manipulation of wheat prices by large operators in futures nor that the recent low average or downward trend of wheat prices has been due to speculative manipulation."

The study of marketing of grains is one of absorbing interest now being taught in many colleges. Literature on this subject will be sent **FREE** to growers, grain handlers and others legitimately interested. Simply send request for "literature" to the Chicago Board of Trade and it will be sent immediately. Do it today—Now.

CHICAGO BOARD OF TRADE

WHEN WRITING OUR ADVERTISERS PLEASE MENTION THIS PAPER

Crops Show Large Yields

Kansas Farm Products are Worth a Billion

BY JOHN W. WILKINSON

PROSPERITY ought to be the share of farmers for the coming year if good crops and abundant yields can bring about such a condition. Present prices for grain, however, are somewhat too low and somewhat discouraging, but with the remedial measures proposed by Congress and the efforts of bankers and business men to provide better credits and more money to finance farmers and livestock men I believe better prices may be expected later. The worst period of business depression I think has passed unless I am a poor prophet. A recent report of the Kansas state board of agriculture gives the total value of farm crops and livestock in Kansas for 1919 as \$982,429,220 as compared with \$1,087,118,535 for 1920. This shows a decrease of \$94,689,315.

Some of the leading crops show the following yields and values: Winter and spring wheat, 140,842,516 bushels worth \$262,110,066; corn, 132,786,130 bushels worth \$92,036,455; oats, 68,693,304 bushels valued at \$38,084,764; rye, 1,732,931 bushels worth \$2,498,629; barley, 20,830,072 bushels valued at \$15,465,940; Irish and sweet potatoes, 4,276,659 bushels worth \$6,847,838; cowpeas, 2,470 tons worth \$41,990; flax, 156,744 bushels valued at \$364,176; emmer, 40,732 bushels worth \$23,290; broomcorn, 7,779,511 pounds valued at \$301,532; millet, 153,280 tons worth \$1,061,665; sugar beets, 93,563 tons having a value of \$1,122,331; sorghum for sirup, 340,026 gallons worth \$408,750; kafir, 19,529,850 bushels valued at \$14,807,397; milo, 5,458,713 bushels worth \$3,998,055; feterita, 1,547,990 bushels valued at \$1,093,391; sorghum hay, including forage and stover, 5,446,063 tons valued at \$24,223,850; saccharine sorghum for seed, 2,036,351 bushels worth \$1,557,831; Jerusalem corn, 5,504 tons, having a value of \$31,654; Sudan grass, 326,347 tons worth \$2,386,083; alfalfa, 3,340,406 tons valued at \$48,501,301; tame hay exclusive of alfalfa, 258,808 tons worth \$3,729,852; prairie hay, 1,088,604 tons valued at \$10,888,321.

Other leading products were: Wool clip, 833,216 pounds worth 416,608; cheese, 68,098 pounds having a value of \$17,463; butter, 50,618,265 pounds worth \$28,697,694; condensed milk, 21,931,152 pounds valued at \$2,412,427; manufactured ice cream, 2,622,372 gallons worth \$3,015,728; milk sold for other than for butter and cheese valued at \$2,310,082; animals slaughtered or sold for slaughter were valued at \$104,954,194; poultry and eggs sold brought \$20,670,329; horticultural products were worth \$4,831,313; honey and beeswax, totaled 264,062 pounds worth \$68,840; wood marketed was worth \$190,502.

The report also shows the following numbers and values of livestock products in Kansas: Horses, 1,041,804 worth \$89,595,144; mules and asses, 232,304 valued at \$27,887,280; milk cows, 609,829 worth \$45,737,175; other cattle, 2,132,733, valued at \$95,972,985; sheep, 300,100 worth \$2,475,825; and swine, 1,199,470 valued at \$21,590,460. New wheat is reported in excellent

condition all over the state and has ample moisture to begin the winter. Greeley county is perhaps the only county in which this is not true. The local conditions on farms are shown in the following reports from our crop correspondents:

Atchison—The first part of the week was warm and brought us rain and snow. Then it turned severely cold for a few days but is moderating again. Farmers who have finished shucking corn are pasturing their fields. A good deal of corn remains in the field for this time of the year. The farmers are holding their wheat for higher prices and are still hopeful.—Alfred Cole, December 25.

Chase—We have been having cold weather but it is moderating some now. December 20 we had a 1½ inch rain and the ground now is frozen. Business is very dull. We have had very little snow. Farm products are very cheap. Corn is worth 65c.—F. O. Pracht, December 27.

Cloud—We had a heavy rain on December 20 accompanied with a little snow. We have some corn to husk yet. A good many young cattle are being butchered and retailed among the farmers as prices on foot are low. Some tenants are moving to rented farms but not much work is being done. Corn is selling for 55c to 65c but not much of it is changing hands.—W. H. Plumly, December 24.

Cheyenne—Since our last report we have had two snows. Corn husking is more than half finished. We have had but few public sales lately. Farmers feel that the livestock and grain markets are unjustly manipulated. Not many cattle and hogs are being fattened for market. Not much wheat is going to market. The present price is \$1.40. Some butchered beef is selling for 14c to 16c; butterfat, 38c.—F. M. Hurlock, December 22.

Franklin—Up to this date the ground has not been covered with snow although the thermometer stood at zero on December 24. Corn is nearly all husked and cribs that have not been used for years are full again. The volunteer oats in the wheat have been killed by the cold so that they will not make trouble next spring.—E. D. Gillette, December 24.

Gray—We have had a few days of winter weather but is moderating this week. Some road work was done before the ground was frozen. Wheat is selling slowly at \$1.50 a bushel, which is much below cost. Livestock is doing well on wheat pasture and straw.—A. E. Alexander, December 25.

Jewell—Wheat is under a blanket of 3 inches of snow so it is protected from the cold weather which has prevailed for the last week. Most of the corn is harvested. Farmers are not selling corn and will not sell as long as the price remains below the cost of production. Feeds of all kinds are cheap and all kinds of livestock are in good condition and are selling low at public sales.—U. S. Godding, December 27.

Kearny—We are having good weather. We have had two light snows and the coldest night it was 4 above zero. All kinds of livestock are doing well. Farmers are butchering. Butterfat is worth 35c and eggs are worth 60c.—Cecil Long, December 24.

Labette—We have not had any snow this winter but there is sufficient moisture for the wheat. Farmers are selling hogs at very low prices but city people still pay high prices for meat. Corn is selling a little better but very little of it is changing hands. All farm products are very cheap, even mules and cows. Cream is worth 42c; flour, \$2.65; bran, \$1.70; and eggs are 60c; potatoes, \$1.50.—J. N. McLane, December 25.

Leavenworth—Wheat is in good condition and is covered with a good blanket of snow. All standing corn is husked. Very little stock is being fed here. Butterfat sells for 50c; corn, 40c to 60c and eggs are 60c. Pigs brought 20 cents a pound at a sale recently.—George S. Marshall, December 26.

Linn—We have had cold weather but no snow. Some corn is yet to be husked. There is some grain being shipped out now. There are a good many oil wells in the county and a good many of them are good producing ones. Hogs are somewhat in demand especially shot.—C. W. Cline-Smith, December 25.

Morris—Weather conditions have been favorable for wheat. Corn husking is nearly completed. Threshing has been delayed on account of wet weather. All of the livestock there is in the county is wintering well as feed is plentiful. Several public sales have been held but all except milk cows are not selling well. Farmers are discouraged about depressed markets and the increase in taxes amounting to 50 per cent

Cash for Poultry Letters

POUTRY and eggs are practically the only farm products that so far have not suffered a serious decline in price. This fact ought to encourage greater poultry production in Kansas. In our Special Poultry Number of the Kansas Farmer and Mail and Breeze for February 5 we desire to publish a number of letters from farmers giving their experiences in marketing poultry and eggs whether for table use or for breeding purposes. Tell us how you grade, ship, and market your eggs. Write us about your poultry houses and equipment, and especially about your experience with incubators and brooders. What breeds of poultry have you tried and found profitable? What suggestions have you to offer on feeding and caretaking? Have you tried caponizing the surplus cockerels in order to market them to better advantage? Write us about your experience in raising and marketing ducks, geese, turkeys, pheasants, and guineas. Choose any topic you wish but mail your letter so that it will reach us by January 25. For the best letter a cash prize of \$5 will be given, and for the second best a prize of \$2.50 is offered. For the next three best letters a prize of \$1 apiece will be given. Address all letters to the Poultry Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.

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Kansas F. and Mail & B. 1 yr. Club 6 All for Today's Housewife, 1 yr. Good Stories, 1 yr. \$1.60

Kansas F. and Mail & B. 1 yr. Club 7 All for American Woman, People's Home Journal. \$2.10

NOTE—If you should happen not to find your favorite magazines in these clubs, make up a special club of your own and write us for our special price. We can save you money on any combination of Kansas Farmer and Mail and Breeze and any two or more other magazines you want.

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Postoffice..... State.....

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In some instances. One farmer lost \$1,300 on two carloads of cattle by not selling his grain instead of feeding it. Feeders have to pay 60c a bushel for corn delivered.—J. R. Henry, December 24.

Marion—We had 1 inch of rain last Monday and have had cold weather since. All of our corn is not yet husked. Corn made an average of approximately 35 bushels to the acre. Much grain was hauled to market last week. Wheat is worth \$1.47; corn 48c; oats, 35c; flour, \$4.70; cattle, 6c; hogs, 7½c; eggs, 35c.—G. H. Dyck, December 24.

Pawnee—We are having cold winter weather. Farmers did not have much cash to spend Christmas as toys were very high. We have plenty of grain and stock on farms but there is no cash. Farmers are holding their products hoping to get at least cost of production. We have plenty to eat anyway.—E. H. Gore, December 24.

Rawlins—Last week we had about 8 inches of snow. Roads are drifted badly and trains were snowbound but are running again. Prices of everything are coming down except coal and flour. There is a considerable amount of corn to be shucked. Corn is yielding from 20 to 50 bushels an acre and is of a good quality. Farmers have marketed a large amount of wheat in the past two weeks. Coal is selling at \$17.50; flour, \$3; wheat, \$1.30 to \$1.50; corn, 35c; barley, 25c.—A. Madsen and J. S. Skolout, December 23.

Rush—We have been having cold weather the past few days. Most of the farmers have completed threshing kafir and millo. The price of meat is coming down. Farmers are doing most of their butchering. Wheat is worth \$1.45; butterfat, 41c and eggs are 45c.—A. E. Grunwald, December 22.

Rooks—The weather has been very cold and hard on livestock. Many are husking corn when the weather will permit. Wheat is selling at \$1.40; corn, 40c; rye, \$1.25; oats, 40c; barley, 45c; hides, 3c; eggs are 45c; turkeys, 26c; hens, 14c.—C. O. Thomas, Zurich.

Sherman—A 6-inch snow fell last week which drifted considerably. The thermometer registered as low as 14 degrees below zero. Corn husking is not completed. Stock is being fed as pastures are covered with snow.—J. B. Moore, December 25.

Stafford—We have had plenty of rain all fall and the early sown wheat makes excellent pasture. About 75 per cent of the corn is husked and some of it is being shelled and marketed the corn yet contains considerable moisture. Some cattle are reported dying from cornstalk poisoning. Corn is worth from 50c to 55c; alfalfa seed from \$7.50 to \$10; butter, 25c; eggs, 45c; cream, 34c.—H. A. Kachelman, December 24.

Wilson—We have had several days of extreme cold weather. Farm work horses are wintering well. The wheat prospect is better than in 1919 as we had better seeding and moisture. Had we known in time what present prices would be we would make the acreage smaller.—S. Canty, December 25.

Wyandotte—Nearly all of the corn is shucked. Livestock is doing well. No public sales have been held. Corn is worth from 60c to 70c.—A. C. Espenlaub, December 28.

South Americans Visit Breeders

Six South American ranchmen, representatives of Argentine and Uruguay, spent a day in Kansas recently inspecting purebred cattle and hog herds at Manhattan and Topeka. The Kansas State Agricultural college herds and flocks were seen and the ranch of Dan Casement near Manhattan. At Topeka these gentlemen inspected the Shorthorn breeding herd of Tomson Brothers, established 30 years ago by the late T. K. Tomson and which is now conducted by his sons, James and John Tomson.

Dr. Carlos Salos and Ricardo Quesada represent Argentine, on this official commission which is spending a month in the United States making a survey of purebred livestock conditions in order to learn the possibilities of drawing on this country for breeding stock. Uruguay is represented by Juan M. and Manuel Guterres, Shorthorn breeders operating a ranch of 75,000 acres in Northern Uruguay, Domingo R. Bordaberry, a Hereford breeder, and Romulo Pareja Reissig. While in this country these gentlemen are the guests of the United States Department of Agriculture and the beef cattle record associations. On their return they will make a detailed official report to their respective governments.

The practice of applying lime to the soil, altho very old, has only within the last few years received a large measure of attention over a wide range of territory. In European and Mediterranean farming districts, the use of lime in the form of marl, chalk, and shells, and, to some extent, of burnt lime, runs well back into the dawn of written history. In England the use of chalk or marl has been common for many decades. But seldom, if ever, has the use of the material been consistent in any region. In the United States the German farmers in Eastern Pennsylvania have made the most extensive use of lime.

Green hickory or maple is the best wood to use in smoking meat. Any hard wood or corncobs may be used. Resinous woods should never be used as they are likely to give the meat a bad flavor. Fragrant woods as pine boughs are sometimes used to add flavor to the meat.

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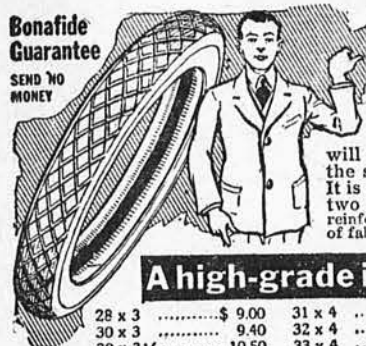
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The Grain Market Report

BY JOHN W. SAMUELS

KANSAS according to Government reports leads all the states in the number of acres seeded to winter wheat having 10,343,000 acres seeded which is 2 per cent less than last year. The decrease in Indiana is 10 per cent; in Ohio, 9 per cent; in Illinois, 5 per cent; in Pennsylvania, 6 per cent, and in Nebraska, 2 per cent. Texas shows a material increase, amounting to 40 per cent, or 1,834,000 acres, as a result of the big decline in the prices of cotton.

Altho it is said that the wheat crop of the world has gained more than population has gained from 1919 to 1920, conspicuous news gives to the two prominent exporting countries, Canada and British India, a combined crop that is 193 million bushels greater than that of 1919. No definite reports are available in regard to the wheat production in Russia or in regard to its probable exports.

Wheat Demand Equals Supply

A great many of our grain authorities incline to the opinion that the total amount of wheat for export from the wheat producing countries will just about equal the demand for imports of wheat in other nations. If proper shipping facilities are provided and proper credits and trade relationships can be established the present supply of wheat will just about take care of the demand. If the interests of farmers are properly safeguarded by the Government, I believe we may expect reasonable advances in the prices of wheat that will repay growers for their trouble in holding their wheat for a better market. The crisis in the period of business depression which helped to force down the price of wheat seems to have been passed. The revival of business I am sure will have a stimulating effect on grain prices.

The December report of the Kansas state board of agriculture shows that the wheat yield of the state was 140,842,516 bushels, and according to W. H. McGreevy, secretary of the National Wheat Growers' association, fully 50 per cent of this is still in the hands of farmers awaiting a favorable turn in the market.

In 27 years out of the past 60 years, the highest price for wheat has been in May, according to Mr. McGreevy in an open letter just made public in which he takes exception to statements concerning the marketing of wheat by Julius Barnes, former Federal Wheat Director.

"Only 17 times in 60 years has the October price been higher than that of the following spring," says Mr. McGreevy. "With this record, and the plan of the National Wheat Growers' association to have its members market their wheat gradually, I am sure that our wheat growers cannot be convinced by Mr. Barnes by any juggling of figures that it is to their advantage to dump 76 per cent of their wheat on a speculative market by December 1 of any year.

"Mr. Barnes is given credit in a reported New York interview," Mr. McGreevy continues, "for the statement that the average price paid for wheat up to December of the present year was \$2.17 a bushel or 5 per cent less than last year, compared with an average of 79 cents a bushel for 1913.

Misleading Statements

"I would like to remind Mr. Barnes that his figures are misleading, for the reason that very little wheat was sold for that price because no cars were available when that price was obtainable. Most of the wheat that is marketed after December 1, whether it was 76 per cent as Mr. Barnes says, or 53 per cent as reliable statistics report, was sold at a much lower price than \$2.17 a bushel and was far below the cost of production.

"By his unwarranted process of reasoning Mr. Barnes would have the public believe that the wheat grower, by having sold 76 per cent of his wheat prior to December 1, has greatly profited by the average price paid of \$2.17 a bushel and that the speculators in wheat and the foreign buyers were the heavy losers."

Grain markets last week passed thru another uncertain week with wheat prices reacting from the recent declines and closing from 4 to 5 cents higher than the preceding week. Cash grains still commanded a good premium over futures. Demand for carlots of wheat at Kansas City was fairly good; prices advancing 2 to 6 cents. Much of the inquiry came from exporters, and millers showed a little more interest than usual, which was responsible for reports of a better flour demand. Hard wheat ranged from \$1.68 to \$1.73 a bushel. Red wheat was steady to a cent up and sales ranged from \$1.76 to \$1.86 according to grade.

Corn Advances 2 Cents

The demand for corn during the week was good and prices advanced 2 cents a bushel. Sales ranged from 64 cents to 70 cents. A large part of the corn grown in Kansas is still in the hands of farmers who are holding their grain for higher prices. Demand for oats was good. White oats sold at 49 to 50 cents. Red oats sold at 46 1/2 to 48 1/2 cents. Barley sales were reported at 58 to 60 cents; and rye at \$1.55. Kafir ranged from \$1.12 down to \$1.03. Milo was quoted at \$1.04 to \$1.15. Bran and shorts sacked were quoted at \$1.30; corn chop, sacked, \$1.30 to \$1.40.

Not much change took place during the week in the hay market at Kansas City. Upper grades of prairie hay sold 50 cents higher, lower grades 50 cents to \$1 higher. Alfalfa and other hays were steady.

Sales of prairie ranged from \$8 to \$16.50; alfalfa, \$14 to \$22; timothy, \$18 to \$22; clover mixed, \$15 to \$17.50, and straw, \$9 to \$9.50 a ton.

The market for cottonseed meal is draggy and the product is difficult to sell, altho the prices are much lower than they were the previous week. Cottonseed meal 36 per cent on Kansas City basis is quoted at \$31 a ton, and 41 per cent at \$33 a ton. A fairly good demand for linseed meal is reported and it is selling at \$44.50 a ton on Kansas City basis.

Manufacturers of gluten feed report the situation as unchanged from the past two weeks. Several mills have shut down and those operating are running about 50 per cent capacity. Improved production is expected after the holiday season. Prices are unchanged and the demand is fairly good.

Horse Maintenance Costs

In the exact cost accounting studies carried out by the bureau of farm management of the University of Illinois, covering a period of five years, work horses required yearly but 25.3 bushels of corn, 37.8 bushels of oats, 1.7 tons hay and 170 days access to pasture, at 1.96 acres of pasture a horse. This is an allowance of 2626.4 pounds of grain, 3400 pounds of hay and 1.96 acres of pasture a year for every working horse. The horses observed were working regularly on Illinois farms under usual farm conditions.

With these figures as a guide, it is not difficult to compute the yearly cost for every horse. Manure produced by horses and colts will be valuable to the farmer and will offset feeding costs at present grain prices to the extent of approximately \$39 a year for a drafter and \$30 a year for a draft colt. This is placing its worth at \$3 a ton. At present, figuring corn at 90c, oats at 60 cents, hay at \$25 a ton and \$15 an acre for pasture rent, the total board bill for a working horse comes to \$117.35 a year. The farmer subtracts from this the value of fertilizer contributed, \$39, leaving but \$78.35 net expense for a year's feeding.

Every man who is thinking of starting in pumping irrigation should write to George S. Knapp, state irrigation engineer, state house, Topeka, Kan. Mr. Knapp combines to a most unusual extent a knowledge of the engineering needs of pumping irrigation with those of crop growing. His services, of course, are free.

A Hired Man's Rights

Many of the troubles between farmer and hired man arise because neither clearly understands his duties and obligations to the other. Some of these obligations are matters of law, others simply of duty.

When one man hires out to another, the employer is boss, that is, he has the right to direct the work which he hires done. The workman sells this control over his activity when he sells his labor. The employer usually is the owner of the property with which the employe works, and both law and custom give to the owner of property almost exclusive control over it.

No employe can be made to work for any employer a minute longer than he desires, that is, "specific performance of a labor contract cannot be enforced." It makes no difference whether the laborer has agreed to work an hour, a day or a year, if he wishes to stop working, there is no power in a free country, except perhaps in war-time, which can make him work.

The laborer is entitled to full pay for all the time he works, and can collect it in the courts, if necessary. If a laborer hires out for six months and is discharged or quits of his own will in two months, he can draw two months' pay. Not all farm employers understand this and every little while someone tries to hold back some part of a hired man's wages and then refuses to pay it if he quits.

There are often, of course, some difficulties in the way of collecting full pay in the courts; for example, in many cases a man is discharged because he does not prove to be what he reported himself when the bargain was made. In such a case the court has to decide what the man actually earned and award him wages accordingly.

It is evident that it is foolish for either party to go to court to settle a matter of this kind. The sensible plan is for the farmer to discharge a man if he does not come up to his claims and promises, unless the man will make a new bargain, but to pay him the full amount for as long as he works under the terms of the bargain.

A laborer is liable for all the injury he does by quitting a job before his time is out. If a man hires out for a season and quits in the middle of haying and part of the crop is spoiled as a result, he can be sued for damages, unless he can prove sufficient cause for his quitting. Unfortunately, however, such a suit would ordinarily be useless, because a judgment against a hired man ordinarily has little value. It also is difficult to prove that the employer himself has not violated the contract in some particular.

An employer cannot be made to employ a laborer longer than he wishes, but he is liable to an employer for all the damage he does by discharging him before his time is out. This damage, of course, cannot exceed the amount of the hire. This damage usually can be collected because the employer generally has property, and a laborer's claim is one of the first to be satisfied in case of foreclosure.

It would thus seem that normally employer and employe are on an equal footing. Neither can be forced to carry out the terms of a labor contract; the employer gets the services and the laborer gets his wages up to the time the contract is broken, and each is liable for all the damage he causes to the other. The employer is boss, but the employe does not have to work a day if he does not have fair treatment. He cannot even be sued successfully if he quits under such circumstances.

The equality, however, is not actual in many cases, because on the one hand the laborer often cannot quit because he must have a job, and because on the other hand the punishment for breaking a contract does not reach a laborer except in the rare cases where he has unexempted property. These two inequalities need providing for in some way before the labor problem can be said to be solved from a legal point of view. If not, when labor is growing scarce, as in agriculture at present, laborers will be free to quit when the fancy takes them, and during hard times they will have to cling to their jobs no matter what injustice is done them.

More attention to crop rotation, and especially a larger acreage of the legumes like alfalfa, will be obtained very soon in Kansas.

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KANSAS

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LISTEN! Imp. 120 a., \$3,000, terms; imp. 40, \$1,300, terms. McGrath, Mtn. View, Mo.

BUY A HOME in the Ozarks. Write Roy & Stephens for list, Mansfield, Mo.

THESE ARE the cheapest good level improved farms we have found in Mo. Come or write. Turner & McGlothlin, Lamar, Mo.

FREE—All about the Ozarks and list of cheap farms, all sizes, best of terms. Durnell Land Co., Cabool, Missouri.

FREE LIST describing Ozarks. 75 farms, dairy, orchard, timber, cut over and tobacco land. Simmons & Newby, Cabool, Mo.

TRADES MADE EVERYWHERE; describe property and tell me your wants. Duke, Adrian, Missouri.

COME to the Ozarks. Good spring water. Farms all sizes. Write for list. Douglas County Abstract Co., Ava, Mo.

WRITE FOR OUR LIST of improved and unimproved gently rolling, valley and bottom farms. \$15 to \$50 per acre. J. D. Gerlach & Co., Doniphan, Missouri.

COME to beautiful Bates Co., Mo., the home of corn, bluegrass, and clover. See Wendleton's farm bargains. Do it now. C. E. Wendleton, Butler, Missouri.

POOR MAN'S CHANCE—\$5 down, \$5 monthly buys forty acres grain, fruit, poultry land, some timber, near town, price \$200. Other bargains. Box 425-0, Carthage, Missouri.

MISSOURI—\$5 down \$5 monthly buys 40 acres truck and poultry land near town Southern Mo. Price \$240. Send for bargain list. Box 169, Mt. Vernon, Ill.

NEBRASKA

PIERCE COUNTY, Nebraska, farms for sale. 240 and 320 acre tracts extra well improved. Good soil. Fine buildings. Good roads, water, schools. Price \$175 acre; terms. Frank Pilger and D. C. Deibler, Pierce, Neb.

NEW YORK

4 COWS, TEAM, CROPS, TOOLS, 33 acres, level loam, good buildings, on state road. Everything \$3,500, \$1,000 down. See catalog. Coughlin Farm Clearing House, 121 S. Warren St., Syracuse, N. Y.

NEW MEXICO

RANCH—45,000 acres in northern N. M., \$2.75 per acre. E. E. Gabbart, Alva, Okla.

Come to Southern New Mexico. The land of sunshine, alfalfa and fruit farms. Write us your wants. T. J. O'Reilly & Co., Alamogordo, N. M.

OKLAHOMA

140 ACRES, 2 miles good R. R. town this county. Bottom and second bottom. No overflow. 120 a. cult. Fair imp. \$52.50 per a. Terms. Southern Realty Co., McAlester, Okla.

N. E. OKLA., 80 acres, one mile of Vinita, all smooth valley land, fair improvements, flowing well, good water, no rock, six thousand, terms. Arch Wagoner, Vinita, Okla.

270 ACRES in free range section in Oklahoma. Produce cattle and hogs cheaply. A money maker. \$6,500.00. Terms. C. L. PRATT, Jr., Picher, Okla.

TEXAS

ONE CABBAGE crop often pays for the land in Lower Rio Grande Valley. Save \$100 per acre by dealing with owner. L. W. Heagy, LaFeria, Texas.

REAL ESTATE WANTED

I HAVE CASH BUYERS for salable farms. Will deal with owners only. Give description and cash price. Morris M. Perkins, Box 378, Columbia, Mo.

SALE OR EXCHANGE

WANT TO HEAR from party having farm for sale. Give particulars and lowest price. John J. Black, Capper St., Chippewa Falls, Wis.

HIGH CLASS K. C. PROPERTY, yearly income \$8,000. Trade for farm. Lembo, 208 Long Bldg., Kansas City, Mo.

FARMS, ranches, city property, merchandise for sale and exchange. Write us. Weeks & Shackelford, 1023 E. 31 St., Kansas City, Mo.

RENO COUNTY AND WESTERN KANSAS FARMS FOR EXCHANGE. Write us what you have, and ask for list. West Realty Company, Hutchinson, Kan.

FOR SALE OR EXCHANGE, 800 acres Franklin county, Kan. Two sets improvements. Can divide into two 400 acre farms. Choice location. Well improved. Nice black land. Ask for special description. Mansfield Land & Loan Co., Ottawa, Kan.

MISCELLANEOUS

COMPLETE INFORMATION on the Southwest and Mexico where opportunities abound. Weekly bulletins, \$3 yearly. Rogers-Burke Service, Tucson, Arizona.

SELL YOUR PROPERTY quickly for cash, no matter where located, particulars free. Real Estate Salesman Co., 515 Brownell, Lincoln, Nebraska.

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Rate: 12 cents a word, each insertion, on orders for less than four insertions; four or more consecutive insertions the rate is 10 cents a word. Count as a word each abbreviation, initial or number in advertisement and signature. No display type or illustrations admitted. Remittances must accompany orders. Real estate and livestock advertising have separate departments and are not accepted for this department.

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18.....	2.16	7.20	34.....	4.08	13.60
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22.....	2.64	8.80	38.....	4.56	15.20
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24.....	2.88	9.60	40.....	4.80	16.00
25.....	3.00	10.00			

RELIABLE ADVERTISING

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

Special Notice All advertising copy discontinuance or change of copy intended for the Classified Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication.

AGENTS WANTED

DISTRIBUTORS TO APPOINT AGENTS and sell Powerene at wholesale. Agents make \$30 a day. Special terms to distributors. Equals gasoline at 5c. The equivalent of 20 gallons, express prepaid, \$1. P. Barnes, Q424, Santa Rosa, Calif.

SALESMEN

WE PAY \$200 MONTHLY SALARY AND furnish rig and expenses to induce guaranteed poultry and stock peddlers. Bigler Company, X671, Springfield, Ill.

SERVICES OFFERED

IF YOU ARE WANTING A MANAGER for development of a modern farm or farming write M. L. Phipps, Red Rock, Okla.

PATENTS, BOOKLET AND ADVICE free. Watson E. Coleman, Patent Lawyer, Pacific Building, Washington, D. C.

TOBACCO OR SNUFF HABIT CURED OR no pay. \$1 if cured. Remedy sent on trial. Superba Co., Sy. Baltimore, Md.

LET US TAN YOUR HIDE. COW, HORSE, or calf skins for coat or robe. Catalog on request. The Crosby Frisian Fur Co., Rochester, N. Y.

VEIL MATERNITY HOSPITAL FOR YOUNG women, before and during confinement; private; terms to suit; babies adopted free. Mrs. C. M. Jones, 15 W. 21st, Kansas City, Mo.

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

PATENT—SEND FOR FREE BOOK. Contains valuable information for inventors. Send sketch of your invention for free opinion of its patentable nature. Prompt service. (Twenty years experience.) Talbert & Talbert, 4953 Talbert Bldg., Washington, D. C.

EGGS, EGGS, WINTER EGGS—THIS FORMULA for only one dollar, can be made at home for a mere trifle so why not get eggs in winter when my secret formula has solved the problem for others and will do the same for you; it is so much cheaper than other ready made tonics that are sold and just as good or your money back; it is inexpensive, can be bought at any drug store; remember after you have this formula you won't have to buy any more high priced egg tonic as you can have the best on the market at half the cost and just as good as the best. I also have a lice and mite remedy that has no equal; only needs to be applied once each year. Can be bought in anybody's town, they absolutely must go and go quick; for only \$1. I am going to make everyone a present of \$2, that orders my three formulas within the next thirty days. I am going to make a special price of only \$1, all three formulas. So order at once and get your hens making money for you. Money order; check; or stamps will do. Remember you get your money back if you are not entirely satisfied. F. D. Webb, Sterling, Kan.

EDUCATIONAL

U. S. GOVERNMENT WANTS HUNDREDS railway mail clerks, immediately \$135 month. List positions free. Franklin Institute, Dept. G, Rochester, N. Y.

FINLAY ENGINEERING COLLEGE, KANSAS City, Mo. Mechanical, electrical, armature winding, auto-elec. 6 weeks to 2 years. Write for catalog. Enroll any time.

BE AN EXPERT PENMAN. WONDERFUL device guides your hand, corrects your writing in few days. Complete outline free. Write C. J. Ozment, 40, St. Louis, Mo.

GET A GOOD JOB—WORK FOR UNCLE Sam. Men and women needed. \$1,400, \$1,600, \$1,800 at start. Railway mail clerks and other "exams" soon. Let our expert, former U. S. government examiner, prepare you. Write today for free booklet D-14. Paterson Civil Service School, Rochester, N. Y.

BUSINESS OPPORTUNITIES

UP TO DATE GARAGE BUILDING AND equipment to trade for western land. Lock Box 147, Harper, Kan.

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

HANDLE MORE BUSINESS? ARE YOU getting all the business you can handle? If not get big results at small cost by running a classified ad in Capper's Weekly, which calls on 500,000 families every week. Sample copy free for asking. Only 15c a word each week, 12c per word on four consecutive time orders. Send in a trial ad now while you are thinking about it. Capper's Weekly, Topeka, Kan.

DON'T WASTE YOUR SPARE TIME—IT can be turned into money on our easy plan. We have a splendid offer for ambitious men or women who desire to add to their present income, and will give complete details on request. Simply say, "Tell me how to turn my spare time into dollars" and we will explain our plan completely. Address, Circulation Manager, Capper Publications, Topeka, Kan.

FOR SALE

VIOLINS ON PAYMENTS, FREE TRIAL. Miss Bertha Mardiss, Shawnee, Kan.

WRITE FOR DELIVERED PRICES ON cedar posts. Pay after unloading. J. B. Overton, Sandpoint, Idaho.

BROOKS MEAT MASH MAKES HENS Lay: It is pure dry mash feed containing pure meat scraps, dried poultry, grain meals, etc. 100 lbs. \$4.00 or 500 lbs. \$18.75 in 100 lb sacks only on cars here. Brooks Co., Mfgs., Fort Scott, Kansas.

FOR THE TABLE

BEANS, PINTOS, CLEAN NEW CROP, 56 cwt. C. Bohm, Stratton, Colo.

PURE EXTRACT HONEY, TWO, SIXTY pound cans, \$19.20. F. C. Veirs, Olathe, Colo.

PRODUCING HIGH GRADE HONEY AND selling it direct to consumers is our business. Write for prices and particulars. Frank H. Drexel & Sons, Crawford, Colorado.

"THE BEST" ROCKY MOUNTAIN HONEY, light colored, thick, fine flavored. Per can, five pounds net, postpaid anywhere west of Ohio river, \$1.50. Send remittance with order. The Colorado Honey Producers' Association, Denver, Colo.

TABLE RICE AND SPANISH PEANUTS, New crop, 100 pounds in double sack, freight prepaid to your station as follows: Extra fancy whole long grain white table rice, \$8. Choice unshelled re-cleaned peanuts, \$8. J. Ed Cabaniss, Box 90, Katy, Tex.

SORGHUM MOLASSES, PURE AND THICK, fine quality. We have reduced wholesale price. Now \$40 for 55 gallon barrel. Order at once. Send cashiers check or P. O. order to Missouri Valley Orchards, Tonganoxie, Kan.

BLACK WALNUTS FOR SALE, 8 LBS., postage prepaid, for \$1. By express or freight, purchaser to pay charges, 1 bushel, \$2.50; 3 bushels, \$7. These walnuts are fresh and best quality. Henry Jefferies, Ottawa, Kan.

MACHINERY

FOR SALE—GRAIN LOADER AND ENGINE. H. R. Armstrong, Piedmont, Kan.

FOR SALE—AUTO-PEDAN HAY PRESS, cheap. Riverside Farm, Topeka, Kan.

GOOD SIX CYLINDER TOURING CAR to trade for standard make tractor. Avery preferred. Lock Box 147, Harper, Kan.

SHARPENS YOUR HORSE AND TRACTOR discs without taking apart. Costs little, circular testimonials free. Farmer agents wanted. Yankee Sharpener Co., Algona, Ia.

HEIDER 12-20 TRACTOR 3-BOTTOM PLOW, \$750. Rumely 3-roll shredder, nearly new, \$750; could use 28 or 32-inch steel separator. Ira Romig, Abilene, Kan.

SACRIFICE MOLINE MODEL D, ALMOST new; ploughed 150 acres. Plow and equipment. Cash or terms. Willie McCain, Overbrook, Kansas.

LIVESTOCK COMMISSION 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 Commission Co., 425 Live Stock Exchange, Kansas City Stock Yards.

SEEDS AND PLANTS

BEST WHITE SWEET CLOVER, FARMERS' prices. John Lewis, Virgil, Kan.

STRAWBERRY PLANTS, \$3 PER 1,000. List free. J. Sterling, Judsonia, Ark.

ALFALFA SEED, 95% PURE, \$7.00 PER bushel my track. Geo. Bowman, Concordia, Kan.

IOWA GOLDMINE AND BOONE COUNTY White seed corn, \$2.50 per bushel, also alfalfa seed. J. F. Feikley, Enterprise, Kan.

SEED CORN, IOWA SILVER MINE, \$2.50 per bushel. Extra good. L. I. Raechleau, R. 2, Linwood, Kan.

WANTED—NEW CROP CANE SEED AS well as alfalfa seed. Send sample stating quantity. Mitchell Seed Co., St. Joseph, Mo.

DON'T PLACE YOUR ORDER FOR SPRING planting until you see our prices and terms. Trees choice thrifty and fine at wholesale prices. Certificate of inspection with each order. Seeds fresh, pure and fully tested. Write today for catalogs with information how to plant, prune and spray. Wichita Nurseries & Seed House, Box B, Wichita, Kan.

BUILDING SUPPLIES

LUMBER AND BALE TIES, HALL-McKEE, Emporia, Kan.

MISCELLANEOUS

WANTED—5,000 PHONOGRAPH OWNERS to buy Columbia Records at 23 cents; December records now out. Mid-West Music Shop, Lawrence, Kansas.

TOBACCO

KENTUCKY HOMESPUN TOBACCO, 10 pounds, \$3; 20 lbs., \$6. Rufe Veal, Jonesboro, Ark.

TOBACCO—KENTUCKY'S FINEST LEAF, 4 years old, chewing and smoking, postpaid, 2 lbs., \$1; 7 lbs., \$3; 10 lbs., \$4; 50 lbs. by express, \$15. Ky. Tobacco Assn., Dept. 40, Hawesville, Ky.

KENTUCKY'S EXTRA FINE CHEWING and smoking tobacco. Aged in bulk, two years old; rich and mellow. Long silky leaf, 5 pounds, \$2 postpaid. Second grade, 8 pounds, \$2. Reference, First National Bank, Adams Brothers, Bardwell, Ky.

STRAYED

TAKEN UP BY M. J. UMSCHIED OF ST. George, Pottawatomie county, Kansas, on the 3rd day of December, 1920, one stag, 4 years old, red, white face and breast, white over withers, two white hind ankles and one white front foot. J. B. Claywell, County Clerk, Westmoreland, Kan.

PET STOCK

19 RABBITS, NEW ZEALAND REDS, Address Augusta Holt, 806 Clay St., Topeka, Kan.

POULTRY

ANCONAS.

CHOICE SINGLE COMB ANCONA COCKERELS, \$1.75 each. Mrs. Jacob Nelson, Broughton, Kan.

ANDALUSIANS

PURE ANDALUSIAN COCKERELS, \$3 each. Mrs. C. W. Parks, Eureka, Kan.

CAMPINES

GOLDEN CAMPINES: COCKERELS, \$3 each. W. H. Plant, Wichita, Kansas.

BABY CHICKS

CHICKS—ALL POPULAR BREEDS. Indianapolis winners. H. J. Hart, Pine Village, Ind.

BABY CHICKS—SINGLE COMB WHITE Leghorns. Guaranteed live delivery. Postpaid. Duckwalls Hatchery, Abilene, Kan.

BABY CHICKS—BIG HUSKY FELLOWS. Eleven pure bred varieties. Safe arrivals guaranteed. Catalog free. Murray McMurray, Box 45, Webster City, Iowa.

BABY CHICKS, EGGS, PURE BRED, selected winter layers. Leghorns, Rocks, Reds, Orpingtons, Anconas, Postpaid. Reasonable prices. Interesting catalog free. Booth Poultry Farms, Clinton, Mo.

BABY CHICKS—SINGLE COMB WHITE Leghorns, Yesterlaid, Ferris strains, \$15 per 100; February and March delivery; guaranteed live delivery; postpaid. Myers Hatchery, Clay Center, Kan.

YOU BUY THE BEST CHICKS FOR THE least money from Colwell's Hatchery, Smith Center, Kan. 300,000 day olds to ship everywhere from February to June, 13 to 20 cents for leading varieties. Guaranteed alive or replaced free. Order early.

BABY CHICKS—ALL LEADING VARIETIES from tested stock. Postpaid. Live arrival guaranteed. Reasonable prices. Send today for large illustrated catalog and valuable poultry book, both free. Superior Hatcheries, Windsor, Mo.

HEALTHY CHICKS FROM ELECTRIC incubators. Langshans, Buff, White, Barred Rocks, 20c; Brown, White Leghorns and broiler stock, 18c; Leftovers, 15c. Fancy quality, 25c. Prepaid. Live arrival. Edward Steinhoff, Leon, Kan.

HIGH GRADE BRED-TO-LAY BABY chicks. Nine leading varieties. Now is the time to improve the farm poultry by securing scientifically bred to lay chicks, and increase your poultry profits. Write for catalog and see what our satisfied customers have to say. Huber's Reliable Hatchery, Dept. B, Hiwatha, Kan.

DUCKS

LARGE MAMMOTH PEKIN DRAKES, \$2.50 each. Vivien Hind, Madison, Kan.

PURE WHITE PEKIN DUCKS, DRAKES, \$2.50; ducks, \$2. H. K. Stille, Haswell, Colo.

GEESSE

TOULOUSE GEESSE AND GANDERS, \$2.50 each. Mrs. Robt. Wilson, Anness, Kan.

MAMMOTH TOULOUSE GEESSE, \$6 EACH. Ralph Timm, Route 4, Hope, Kan.

TWO-YEAR-OLD THOROUGHbred Toulouse geese, \$4.50. Agnes Fitzpatrick, St. Marys, Kan.

LANGSHANS.

PURE BRED WHITE LANGSHANS, BEST grade. Mrs. Geo. McLain, Beagle, Kan.

BIG BLACK LANGSHANS, BEST LAYERS and show stock. Osterfoss, Hedrick, Ia.

PURE BRED WHITE LANGSHAN COCKERELS from good laying strain. Mrs. Allan Smith, Sterling, Kan.

PURE BLACK LANGSHANS, \$2.50 GUARANTEED to satisfy. Roller Farm, Soldier, Kan.

LEGHORNS

SINGLE COMB BUFF LEGHORN HENS, \$12 per dozen. John A. Reed, Lyons, Kan.

SINGLE COMB WHITE LEGHORNS, \$2.00 each. L. T. G. Schulz, Ellsworth, Kansas.

FINE ROSE COMB WHITE LEGHORN cockerels, \$1.75. Ethel Miller, Agra, Kan.

SINGLE COMBED WHITE LEGHORN cockerels, \$2. John Russell, Chanute, Kan.

R. C. B. LEGHORN COCKERELS, \$1.50 UP. Otto Borth, Plains, Kan.

CHOICE SINGLE COMB DARK BROWN Leghorn cockerels, \$3; 5 for \$12. Mrs. Robert Kerr, Mahaska, Kan.

PURE ROSE COMB BROWN LEGHORN cockerels, \$2 each. Albert Stahl, Louisburg, Kan.

PURE BRED S. C. BUFF LEGHORN COCKERELS, sired by son of Chicago Colliseum winner, \$2. Mrs. C. H. Dear, Mayfield, Kan.

CHOICE SINGLE COMB WHITE LEGHORN cockerels, Mrs. W. R. Hildreth, Oswego, Kan.

PURE ROSE COMB BROWN LEGHORN cockerels, \$1.75. Single Comb also. Mrs. Chas. Line, Haddam, Kan.

ROSE COMB BROWN LEGHORN COCKERELS, Kulp strain, fine early birds, \$2.50 each. Mrs. Ethel Wagner, Kinsley, Kan.

FOR SALE—PURE BRED SINGLE COMB White Leghorn cockerels, \$1.50. Ray Davis, Zeandale, Kan.

CHOICE BARRON'S S. C. WHITE Leghorn cockerels. Heavy laying strain. Reasonable. Mrs. Della Cashman, Jewell, Kan.

LARGE SINGLE COMB WHITE LEGHORN cockerels, \$2 each. English Barron strain. Vivien Hind, Madison, Kan.

PURE S. C. W. LEGHORN COCKERELS, \$1 each if taken soon. Mrs. J. W. Sothers, Scandia, Kan.

WHITE LEGHORN COCKERELS, English Barron, 288 egg strain, or Ferris strain, \$2. Nettie Erickson, Strong, Kan.

SINGLE COMB WHITE LEGHORNS, Superior laying strain. Cockerels, \$1 up. David O'Connell, Route 3, Columbus, Kan.

FOR SALE—PURE BRED DARK BROWN Leghorn cockerels, \$2 each. Chris Guther, Centralia, Kan.

PURE BRED S. C. DARK BROWN Leghorn cockerels, \$2 each. Mrs. Joe Gurtler, Centralia, Kan.

PURE ROSE COMB BROWN LEGHORN cockerels, \$1.75. Belle Larabee, Haddam, Kan.

SINGLE COMB BROWN LEGHORN COCKERELS, \$1.50. White Leghorns also. Anna Dunham, Broughton, Kan.

CHOICE SINGLE COMB, DARK BROWN Leghorn cockerels, \$2 each. Mrs. Iva Taylor, Westphalia, Kan.

PURE BRED ROSE COMB W. LEGHORN hens, \$1.50 and cockerels, \$2.00. Blanche Shepherd, Thayer, Kan.

SINGLE COMB WHITE LEGHORN COCKERELS, From Hogan Tested hens, Mrs. Lydia Fuller, Clyde, Kansas.

SINGLE COMB WHITE LEGHORN COCKERELS, good ones, \$2 each. Mrs. James Aitkin, Severy, Kan.

ROSE COMB & SINGLE COMB WHITE Leghorn Cockerels, \$2.25. From heavy laying strain. Clean Bred. G. L. Jeschke, Sparks, Kansas.

S. C. WHITE LEGHORN COCKERELS, D. W. Young strain. Extra vigorous, some of them crowed when 5 1/2 weeks old. While they last from \$3 to \$5 each. C. F. Knechtel, Larned, Kan.

TANCRED STRAIN PEDIGREED S. C. White Leghorn cockerels, dams 200 to 275 eggs, \$5.00 to \$7.50. Bred for eggs, not fancy points. Pedigrees furnished. Write for list. C. C. Blood, Woodbine, Kan.

MINORCAS

FOR SALE—MINORCA COCKERELS, E. Carver, Smithville, Mo.

ORPINGTONS

S. C. BUFF ORPINGTON COCKERELS, \$2, \$2.50 each. D. H. Axtell, Sawyer, Kan.

BUFF ORPINGTON COCKS, \$3; COCKERELS, \$2.50. Elmer Graves, Clifton, Kan.

PURE BUFF ORPINGTON COCKERELS, \$2.50. Mrs. Blanche Haney, Courtland, Kan.

BUFF ORPINGTONS, COCKERELS, \$3 each. Satisfaction guaranteed. Russell Walter, Grantville, Kan.

S. C. BUFF ORPINGTON COCKERELS, April hatch from Winter Strain. One, \$4; five, \$18. Mrs. Ola Kaupp, Dennis, Kan.

THOROUGHbred BUFF ORPINGTON cockerels, March hatch, \$3 to \$5. Mrs. Claude Bridgeman, Abbyville, Kan.

GREAT VALUES IN BUFF ORPINGTONS. Cockerels, \$3.50 and \$5. Pullets, \$2.50 or 25 for \$50. Sunflower Ranch, Ottawa, Kan.

SINGLE COMB BUFF ORPINGTON COCKERELS, from winners at Kansas State and Arkansas Valley shows, \$5 each. Earl Siedel, Lyons, Kan.

WHITE SINGLE COMB ORPINGTON Cockerels, \$3.50. Cocks, \$5.00. Kellar-strass strain, good ones. G. L. Jeschke, Sparks, Kansas.

ANOTHER GRAND LOT OF SINGLE COMB Buff Orpington cockerels from my flock of tried and tested Orpington large, healthy, vigorous birds, \$3, \$5, \$7.50. Satisfaction guaranteed. Mrs. Perry Higley, Cummings, Kan.

PIGEONS

WANTED—COMMON PIGEONS, R. O. Elliott, 7500 Independence Ave., Kansas City, Mo.

PLYMOUTH ROCKS

PURE BRED WHITE ROCK COCKERELS, \$3.50. Clara Wilber, Grenola, Kan.

BUFF ROCK COCKERELS, REASONABLE prices. Geo. R. Scherman, Olathe, Kan.

BUFF ROCK COCKERELS, \$3. K. Schulz, Grenola, Kan.

WHITE ROCK COCKERELS, \$3. Mrs. J. W. Gaston, Larned, Kan.

RINGLET STRAIN BARRED ROCK COCKERELS, \$3. Chas. Flory, Sawyer, Kan.

BUFF ROCK COCKERELS, PRIZE STRAIN. Mrs. Robt. Hall, Neodesha, Kan.

WHITE PLYMOUTH ROCK COCKERELS, \$2 each. C. W. Postler, Inman, Kan.

PURE BARRED ROCK COCKERELS, \$3; four, \$10. Rena Debusk, Macksville, Kan.

PLYMOUTH ROCKS.

BUFF ROCK COCKERELS. WILLIAM A. Hess, Humboldt, Kan.

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

FOR SALE—BARRED ROCK COCKERELS. \$2.50 each. Ethel Northway, Blue Mound, Kan.

PARKS 200 EGG STRAIN, BRED 31 YEARS to-and-do-lay Barred Rocks. R. B. Snell, Colby, Kan.

BUFF ROCK COCKERELS, \$3. SATISFACTION guaranteed. George Gahm, Overbrook, Kan.

FARM RAISED PURE WHITE ROCK cockerels, \$3. Mrs. Lide Wilkinson, Russell Springs, Kan.

EXTRA FINE, LARGE, PARK'S STRAIN barred cockerels, \$5. Herbert Jones, Carbondale, Kan.

HIGH QUALITY WHITE ROCK COCK- erels, \$3 to \$5. Mrs. John Ramsey, Fort Scott, Kan.

BEAUTIFUL "RINGLET" BARRED ROCK cockerels, \$3 up; pullets, \$4. Mrs. Iver Christenson, Jamestown, Kan.

WHITE ROCK COCKERELS, \$3 EACH. Satisfaction guaranteed. Fred Swearngen, Belpre, Kan.

FOR FINE BARRED ROCK COCKERELS inquire of Wm. C. Mueller, R. 4, Hanover, Kan. Satisfaction guaranteed.

FINE BUFF ROCK COCKERELS, \$3.50; five or more, \$3 each. Chas. Sanders, LeRoy, Kan.

PURE BRED BARRED PLYMOUTH ROCK cockerels, Parks 200 egg strain. \$3-\$5. Cockerels now. Eggs in season. Gem Poultry Farm, Haven, Kan.

STANDARD BRED WHITE ROCK COCK- erels. Fishel strain direct. Selected breeders, \$3 and \$5. Albert Helt, Parsons, Kan.

SIMS BARRED ROCKS, MY HIGH QUAL- ity pens containing all my Kansas City show winners have produced a fine lot of cockerels and pullets which I am now offering during December at cut prices. Remember my birds are bred for high egg production. Satisfaction guaranteed. Write me before buying. George Sims LeRoy, Kan.

RHODE ISLANDS

FOR SALE—R. C. R. I. WHITE COCK- erels, \$3. Ruby Dews, Osage City, Kan.

SINGLE COMB RED COCKERELS, \$2 TO \$6. Grace English, Michigan Valley, Kan.

FINE ROSE COMB R. I. RED COCKERELS, \$2.50. William Stewart, Grenola, Kan.

ROSE COMB RED COCKERELS, \$3.50 AND \$5. Guy Shreve, Eldorado, Kan.

ROSE COMB RHODE ISLAND WHITE cockerels, \$2.50 and \$3 each. W. Pifer, Washington, Kan.

ROSE COMB RHODE ISLAND WHITE cockerels, \$2. Frank Burton, White City, Kan.

ROSE COMB R. I. RED COCKERELS, FOR bone, size and color there is no equal. \$3 and \$5. Dr. L. B. Cantwell, Syracuse, Kan.

ROSE COMB RHODE ISLAND COCK- erels, \$2.50. Julia Baumgartner, Pierceville, Kan.

PURE SINGLE COMB RED COCKERELS, either show or utility, \$5. Satisfaction, 12 eggs, \$5. Charley Butts, Eureka, Kan.

"SUNSET" RED COCKERELS, BOTH combs, price \$3, \$5, \$8. Sunset Poultry Farm, Martha Bibb, Sun City, Kan.

SINGLE COMBED, TYPY, THRIFTY, DARK hackled, \$2.50, \$3.50, \$5. On approval. J. A. Bockenstette, Fairview, Kan.

ROSE COMB COCKERELS, \$2.00 EACH. Pure Red Stock. A. E. Williamson, Route 4, Hartford, Kansas.

ROSE COMB RED COCKERELS, HIGH priced stock, \$3, \$5, \$7.50, \$10 each. W. R. Huston, Americus, Kan.

GOOD SCORINGS, DARK RED ROSE COMB Reds, laying strain, guaranteed. Highland Farm, Hedrick, Ia.

PURE BRED ROSE COMB RED COCK- erels, from heavy laying strain, \$3. Earle Bryan, Emporia, Kan.

SINGLE COMB RED COCKERELS FROM Chicago and Kansas City winners, good quality, \$5 each; 6 for \$25. C. R. Baker, Abilene, Kan.

ROSE COMB R. I. RED COCKERELS FROM 200 egg strain, and better; good stock and fair treatment; price \$3, \$5, \$7 each. Paul Johnson, Unionville, Mo.

SINGLE COMB AND ROSE COMB COCK- erels and pullets, \$2 each. Laying strain, having color, size and type. Mrs. Henry Williams, White City, Kan.

SINGLE COMB REDS, FIRST PRIZE winners at Chicago and Kansas City. Fine cockerels, \$5 each, guaranteed. H. A. Meier, Abilene, Kan.

ROSE COMB RHODE ISLAND WHITE cockerels. Show and egg laying quality unexcelled. \$5, \$7.50, \$10. Eggs, 15, \$2.50; 50, \$6; 100, \$12. Catalog. Col. Warren Russell, Winfield, Kan.

SEVERAL VARIETIES.

1,949 COCKERELS, 49 VARIETIES, FREE book. Aye Bros., Box 5, Blair, Neb.

TOULOUSE, CHINA GESE, MUSCOVY, Pekin ducks. John Hass, Bettendorf, Ia.

MAMMOTH TOULOUSE GESE, BUFF Orpington ducks. Mrs. F. S. Doty, Humboldt, Kan.

HARRISON'S EXHIBITION EGG STRAINS. Both combs. Cockerels, eggs and chicks. Robert Harrison, College View, Neb.

MATURE PURE BRED COCKERELS, S. C. Black Minorca. S. C. Brown Leghorn, White Rock, \$1.50 to \$3. Mildred Botkin, Burden, Kan.

PURE WHITE WYANDOTTE COCKERELS, \$2 each. Also Mammoth Bronze turkeys. Young toms, \$8; pullets, \$6. Mrs. Chris Stauffer, Bigelow, Kan.

BARGAINS IN ALL VARIETIES OF PURE bred chickens, ducks, geese, turkeys, guineas and bantams. Also eggs, chicks and incubators. Catalog free. Bare Poultry Co., Box 612, Hampton, Ia.

TURKEYS.

PURE BRED LARGE BOURBON RED toms, \$7.50. Emma Lovgren, Winkler, Kan.

PURE BOURBON RED TOMS, \$10. E. V. Eller, Dunlap, Kan.

PURE WHITE HOLLAND TOMS, \$9; HENS, \$6. Perry Marshall, Clifton, Kan.

TURKEYS

BOURBON RED TURKEYS, TOMS, \$10; hens, \$7. Mrs. H. Passmore, Wayne, Kan.

BOURBON RED TOMS, \$8 to \$10, HENS, \$6. H. Croft, Medicine Lodge, Kansas.

WHITE HOLLAND TOMS, \$8; HENS, \$6. Lavina Strite, Kanopolis, Kan.

BRONZE TURKEY HENS, \$7 EACH; TOMS, \$10. Mrs. Walter Smith, Lilac Farm, Route 2, Topeka, Kan.

PURE BRED BRONZE TOMS, \$7; PUL- lets, \$5; from \$15 sire. B. J. Herd, Wilmore, Kan.

GIANT BRONZE TURKEYS SIRE WON over previous state champion. T. C. Amos, Russellville, Mo.

WELL MARKED BOURBON RED TOMS, \$10; hens, \$7. Mrs. Frank O'Connor, Hartford, Kansas.

GIANT BRONZE; SIRE: MO. STATE Show Champion; 1st Heart of America 1919 Eggs. Circular. Ives, Knobnoster, Mo.

EXTRA LARGE THOROUGHbred BOUR- bon reds, Hens, \$8; toms, \$10. Joseph Wagner, Towner, Colo.

LARGE BOURBON RED TOMS, \$8 AND \$10; hens, \$7. Mrs. Dave Lohrengel, Linn, Kan.

PURE BRED MAMMOTH BRONZE TUR- keys sent on approval. Mrs. M. E. Kavanaugh, Belleville, Kan.

"MAMMOTH BRONZE," SELECTED FOR vigor and size; sired by 40-lb. tom; 20-25-lb. toms, \$10-\$15; 15-lb. pullets, \$8; 20-lb. hens, \$15. Laura Ullom, Lamar, Colo.

150 BRONZE TURKEYS FROM MADISON Square winners, \$7.50 to \$25. First at Kansas State Fair. Free booklet. Mrs. A. H. Burg, Lakin, Kan.

MAMMOTH BRONZE TURKEYS, GOLD- bank strain. Sire 50 lbs.; hens, 26. Young toms, \$15; pullets, \$10. W. A. Newberry, Freeport, Kan.

JOHNSON GIANT BRONZE TURKEYS. First prize winners again at recent Oklahoma State Fair. Jed Johnson, Walters, Okla.

THOROUGHbred BRONZE TURKEYS from prize winning stock. Goldbank strain. Toms, \$12; hens, \$8. Mrs. Minnie Snider, Piedmont, Kan.

MAMMOTH BRONZE TURKEYS, WORLD'S biggest and best prize winning strain. Extra fine. Exceptional prices. Gertrude Washington, Kensington, Kan.

MAMMOTH BRONZE TURKEYS, PURE bred. From prize winning stock. Big bone, vigorous, well marked. May hatch 26 pound toms, \$12.50; 17 pound pullets, \$8. Mrs. Chas. Henry, Sun City, Kan.

WYANDOTTES.

FLOCK'S WHITE WYANDOTTE FARM, Clay Center, Kan. Utility and show birds.

GOLDEN WYANDOTTE COCKERELS, \$3. Wilson Shelley, McPherson, Kan.

COLUMBIAN WYANDOTTE COCKERELS, Fancy pigeons. J. J. Pauls, Hillsboro, Kan.

VERY CHOICE WHITE WYANDOTTE cockerels. Write for prices. E. Foster Strohm, Route 2, Wamego, Kan.

CHOICE SILVER LACED WYANDOTTE cockerels, \$2.50. Mrs. Will McEnaney, Seneca, Kan.

THOROUGHbred WHITE WYANDOTTE cockerels, 3 and 5 dollars. James Leland, Cummings, Kan.

WHITE WYANDOTTE HENS, PULLETS, \$1.75. Mrs. Bert Ireland, Smith Center, Kan.

THOROUGHbred WHITE WYANDOTTE cockerels, \$3. Eggs, \$7. Bruce Taylor, Alma, Kan.

BUFF WYANDOTTE COCKERELS, WIN- ners at late shows. Wyckoff Bros., Luray, Kan.

COCKERELS—WHITE WYANDOTTES, first prize. Telephone 4548 N 2. F. H. Jones, R. 3, Topeka, Kan.

SILVER LACED WYANDOTTE COCK- erels, \$2.50. Otto Becker, Sylvan Grove, Kansas.

FOR SALE—WHITE WYANDOTTE COCK- erels. Vigorous birds. Twenty-five years breeding. J. H. Brown, Clay Center, Kan.

VERY PRETTY ROSE COMB SILVER lace Wyandottes; cockerels, \$2.25. L. T. G. Schulz, Ellsworth, Kansas.

CHOICE BUFF WYANDOTTES, FEMALES, \$1 up; males, \$2 up. John Ruppenthal, Russell, Kan.

PURE BRED WHITE WYANDOTTE COCK- erels, \$2.50 each. Mrs. W. A. Stagner, Plainville, Kan.

LARGE WHITE WYANDOTTE COCK- erels, \$2.50 each. Roy Phillips, Manhattan, Kan.

ROSE COMB WHITE WYANDOTTE COCK- erels, \$3 each. Barron's English strain. 200 egg record. Satisfaction guaranteed. A. H. Fry, Paxico, Kan.

WHITE WYANDOTTE COCKERELS— Steven's American and Carron's English strains, world's greatest layers, \$3 and \$6 each. Satisfaction or money back. H. A. Dressler, Lebo, Kan.

POULTRY SUPPLIES

THE BEST PRODUCTION FOR CHICKENS, cows and hogs in the world is La-Mo-Pep. Box 122, Kansas City, Mo.

POULTRY WANTED

PREMIUM POULTRY PRODUCTS COM- pany, 210 North Kansas Ave., Topeka, buys poultry and eggs on a graded basis. Capons wanted. Prices good. Premium prices paid for select eggs and poultry.

Breeders of purebred turkeys select their breeding stock for vigor, size, shape, bone, early maturity, and color of plumage. It should be the aim of every turkey grower to have a flock of purebred turkeys, even tho they are sold at market prices. The cost of raising purebreds is no more than that of mongrels, and the profit is much greater. By all means the male at the head of the flock should be a purebred bird of the best type obtainable.

The Livestock Market

BY WALTER M. EVANS

The livestock industry of Kansas as well as of the entire United States is threatened with ruin unless livestock men can be assured of prompt financial aid, better markets and a fair margin of profit. J. H. Mercer, secretary of the Kansas Livestock association, in his address before the National Farm Congress at Kansas City in speaking of the problems of the livestock industry struck the keynote when he said:

"This industry is going thru a very critical period, for there never was a time in our history when livestock producers were confronted with such discouragements. The production of livestock, especially beef animals, is fast waning, as receipts of the market centers too plainly indicate. The very progress of our great Nation depends upon this industry, which should be maintained. Our people must be encouraged to eat meat in order that we be a strong and virile race. Our soil fertility must be upheld thru increased livestock production."

Big Slump in Valuation

Livestock valuations in Kansas are far below those of last year. In 1919 the total value of all livestock in Kansas was \$340,499,400. This year the value of all livestock is estimated at \$233,258,870, which shows a slump of \$57,240,530. A study of livestock conditions in other countries in this connection is interesting.

The normal number of livestock in the whole world, a few years before the outbreak of the world war, approximated 491 million cattle, 605 million sheep, 183 million hogs.

The latest returns since the war, the best available, show a decrease of 4 million hogs and 23 million sheep. Of cattle an increase of 23 million is shown. Where no recent figure can be had for a given country, the pre-war figure was used. Russia is among the big countries for which no new figures can be obtained.

Declining prices were the rule in the livestock markets during the week. Sheep prices at Chicago tumbled to 1913 levels. Dressed meat prices also were reported as lower than the previous week with the demand slack.

At Kansas City the market for beef cattle was strong to 25 cents higher. One bunch of good steers sold at \$9, the top not counting three head of light yearlings sold at \$10. Other offerings went at \$7.50 to \$8.85, with several loads at \$8 to \$8.50. Some cutter steers sold at \$5 to \$5.75. She stock was mostly steady. Three loads of heavy cows from Nebraska went at \$7 and a few others sold at \$6 to \$6.50, while the bulk landed downward from \$5.85. Good heifers sold at \$6.15 to \$7 and many others made \$5 to \$6.50. Cannors and cutters were dull, selling mainly at \$3 to \$3.25 for cannors and up to \$4 for cutters. Bulls held steady, but very few arrived. Calves were steady to 50c higher, packers paying up to \$12 for a few choice vealers and \$11 to \$11.50 taking the bulk of desirable lots. There was little or no stocker and feeder demand, the market being practically nominal, with a weak undertone. Some fairly good light stockers went at \$6.50.

Hogs on the Kansas City market were active but sold 45 to 50 cents

lower. Prices at the close of the week for the best butcher hogs ranged from \$9.25 to \$9.40. The bulk of the sales were \$8.75 to \$9.10.

Packing sows were 50 to 70 cents lower; pigs 25 cents lower. The market for sheep and lambs was steady. Best ewes went at \$4, with others at \$3.75 and culls at \$2. Yearling wethers, weighing 86 pounds, went at \$8.75. Best lambs offered weighed 85 pounds and brought \$11.25. Others brought \$11 and \$11.15 and bulk of best kinds went at \$10.60 to \$11.15. A medium class brought \$9 to \$9.75.

Not much change was reported in poultry and creamery products. Eggs showed a slight decline and hens a small advance at the close of the week on the Kansas City market. Creamery products also showed a slight advance. The following quotations were reported: Eggs—Firsts, 61c a dozen; seconds, 53c; selected, case lots, 68c.

Butter—Creamery, extra, in cartons, 53c a pound; bulk, 2 1/2 to 4c less; packing butter, 18c.

Butterfat—46c.

Live Poultry—Hens, 4 pounds and over, 25c; under 4 pounds, 22c; broilers, 30c; springs, 24c; young roosters, 20c; old roosters, 14c; turkey hens and young toms, 42c; old toms, 3c less; ducks, 27c; geese, fat and full feathered, 25c; pigeons, live, \$1 a dozen.

Rabbits—No. 1, \$1.50 a dozen; No. 2, \$1.

Selling Feed Thru Cows

BY G. C. WHEELER

From present indications a milk cow will supply a better market for farm grown feed this winter than steers or hogs. There are periods in every line of farm production when the profits are small. There have been times when the dairy cow did not return the market price for the corn and oats she consumed. This winter, however, cows will pay more than market price for the farm grown grains. With butterfat at 50 cents a pound a good cow should return considerably more for the grain she eats than it will bring on the market.

A well known dairy authority says that good dairy cows will pay \$2.40 a bushel for corn when butterfat is selling for 50 cents a pound. These figures are based on results obtained in carefully conducted experiments and do not involve feeding heavy grain rations—just an average ration of 4 to 12 pounds of corn a day—with plenty of alfalfa hay, some corn silage and some oil meal. It will pay to feed cows liberally this winter. Prices of feeds have gone down so rapidly that dairymen may find it difficult to realize that they are not feeding \$2 corn and other feeds in proportion.

New Shorthorn Registry Rule

After February 1, 1921, no Shorthorns will be accepted for registry that are more than 2 years old, and all imported animals must be offered for registry within two years from date of importation. This new rule was first announced July 1 by the American Shorthorn Breeders' Association. The fee of \$10 has been reduced to \$5 on all animals recorded between 1 year and 2 years old.

The incubation period of turkey eggs is 28 days.

THE LIVESTOCK SERVICE
Of the Capper Farm Press

Is founded on five great farm papers, four of which lead in circulation and farm prestige in their respective sections, while the fifth covers the best one third of the United States with the greatest general farm circulation of this territory.

Orders for starting or stopping advertisements with any certain issue should reach this office eight to ten days before the date of that issue. Advertisers, prospective advertisers or parties wishing to buy breeding stock, can keep in direct touch with the managers of the desired territories at the addresses given below. Where time is limited, advertising instructions should come direct to the main office, as per address at the bottom. All cancellation orders must be addressed to main office at Topeka.

TERRITORY MANAGERS AND THEIR TERRITORIES.

John W. Johnson, Northern Kansas, 820 Lincoln St., Topeka, Kan.
J. T. Hunter, Southern Kan. and W. Okla., 427 Pattie Ave., Wichita, Kan.
Elliott S. Humphrey, Special, 300 Graphic Arts Bldg., Kansas City, Mo.
J. Cook Lamb, Nebraska, 3417 T St., Lincoln, Neb.
Stuart T. Morse, Okla. and S. W. Mo., 631 Continental Bldg., Oklahoma City.
O. Wayne Devine, Western Mo., 300 Graphic Arts Bldg., Kansas City, Mo.
Harry R. Lease, Eastern Mo. and So. Ill., Centralia, Mo.
George L. Borgeson, N. E. Neb. and W. Ia., 1805 Binney St., Omaha, Neb.
Glen Putman, Iowa, 1611 Carpenter Ave., Des Moines, Ia.

W. J. Cody, Office Manager, Topeka, Kan.
T. W. MORSE, DIRECTOR AND LIVESTOCK EDITOR.
Livestock Service Capper Farm Press, Topeka, Kan.

Cottonseed Meal Prices Down

To Be Fed Extensively By Feeders That Have Grain Feed Surplus. Fine for Pulling Stock Through the Winter.

According to reports from big feeders in all parts of the country, Cottonseed Meal and Cake will be used with surplus feeds for fattening and for pulling cattle through the winter. These feeds are well known as quick fatteners and while the prices during the war were comparatively high, yet they were in proportion to the prices asked for other feeds. The present market price is likewise in conformity with the present low price of other feeds.

Good News For Feeders

This should be good news for feeders who want to use Cottonseed Meal or Cake but who have had the impression that the prices on these valuable products are still so high that their use would not be practical. At the present market price, cottonseed meal and cake are lower than they have been for several years and the tendency is for the prices of these feeds to follow the rise and fall of other feed markets. In the dairy sections cottonseed meal and cake are being used extensively with silage. They help to increase the milk yield and the amount of butter fat.

Short Grass Feeders Use It

Where cattle are turned out for the winter in the short grass country Cottonseed Meal and Cake is fed to provide the elements that the dry grass lacks. Herds that are so fed do not experience the losses incident to snow, storms or sudden cold waves because Cottonseed Meal provides resistance to stand exposure. The natural grass is not complete as a feed since proteids are practically absent. Cattle fed on Cottonseed Meal or Cake have smooth glossy coats and are inclined to bring higher prices on the hoof than are those with rough harsh coats.

One Pound Worth Two of Corn

The United States Department of Agriculture has successfully demonstrated that one pound of Cottonseed Meal or Cake is better than two pounds of corn and that the two fed in combination is a good method. With plenty of corn on hand and faced with a low market for corn, this fact will be of special interest to feeders who have large supplies of corn that have been withheld from market.

Works Wonders for Cattle

However, feeders who plan to feed exclusively corn, kafir, milo or other surplus crops, just because they have it on hand, will find that the addition to the daily ration of a small amount of Cottonseed Meal or Cake will work wonders.

Relative Food Value of Feed

The relative feeding value of Cottonseed Meal and Cake in comparison to the foods named below is mighty interesting. This data is furnished by the Department of Agriculture (Experiment Station Bulletin No. 11).

Relative Feeding Value of Foods Named

Name of Food	Protein	Fat	Total
Cottonseed Meal & Cake..	38 to 46	6 to 9	45 to 55
Pure Linseed P. O. Meal..	32.90	7.90	40.80
Clean Standard Wheat Bran	15.40	4.00	19.40
Corn & Oat Chop, No. 1 St.	9.60	4.40	14.00
Corn	8.83	3.34	10.17

The Famous Climax Brand

The Southland Cotton Oil Company has for years been marketing an extra fine Cottonseed Meal and Cake known as "Climax Brand." This is made from sound cottonseed and is exceptionally rich and nourishing as shown by the following analysis.

Climax Brand

Cottonseed Meal or Cake—100 lbs. Net Guaranteed Analysis

Protein	43%
Crude Fat	25%
Nitrogen, Free Extract	25%
Crude Fiber, Not over	12%

Climax Cottonseed Meal and Cake are sold on the basis of quality, correct weight and are packed in new clean bags. We make a specialty of prompt shipments and quote you prices delivered. Every car shipment is accompanied by analysis and railway scale check to show correct weight.

Climax Cottonseed Meal can be had in cake form or in nut size for feeding in corn stalks. All cracked cake is thoroughly screened and should you prefer the pea size we have it for you. Climax Cottonseed Meal is finely ground, free from lint and of a bright yellow color. It is registered for re-sale in Kansas, Missouri, Indiana, Texas and Oklahoma so you know it must be pretty good.

The minimum car load shipment is twenty tons or four hundred bags. You can have the car mixed if you prefer—nut, pea, cake or meal. Order direct from us.

Our service department will answer all of your questions, without cost if you will write to them and tell how many head of stock you are feeding and just what you are going to use as Standard feed. You will receive a letter by the next mail written by a Cottonseed Expert, who is a practical farmer and feeder and who knows his business.

It may be that you will only need a very small amount of Climax Brand or perhaps you may need one of the other brands we make. However, that may be—write today and get the facts. It will cost you nothing and you will be under no obligations to buy any of our products. This information may mean a lot of cash savings and you will be provided with a fine book that tells all about feeding Cottonseed Meal and Cake. Just address your letter or post card to the Service Department, Dept. A, Southland Cotton Oil Company, Oklahoma City, Oklahoma.



Public Sales of Livestock

Aberdeen Angus Cattle
Jan. 28—Kansas National Sales, Wichita, Kan.

Hereford Cattle
Jan. 11-12—Moussell Bros., Cambridge, Neb.
Jan. 26—Kansas National Sales (forenoon and afternoon), Wichita, Kan.
Feb. 19—A. & P. Schmitz, Alma, Kan.
Apr. 7—Carl F. Behrent, Oronoque, Kan.
Apr. 14-15—Rawlins County Hereford Breeders' Association, H. A. Rogers, Atwood, Kan., Mgr.

Polled Herefords
Feb. 1-2-3—Polled Hereford Association, Des Moines, Ia. B. O. Gammon, Sec'y, 344 Valley Nat'l Bank Bldg., Des Moines, Ia.

Shorthorn Cattle
Jan. 27—Kansas National Sales (forenoon and afternoon), Wichita, Kan.
Mar. 29-30-31—Central Shorthorn Assn. Show and Sale at Kansas City, Mo.
Apr. 6—Smith County Shorthorn Breeders, Smith Center, Kan.
Apr. 14—E. F. Flanagan, Chapman, Kan.
Apr. 15—Shorthorn Breeders' Sale, Newton, Kan. O. A. Homan, Mgr., Peabody, Kan.

Holstein Cattle
Jan. 26-27—Kansas National Livestock Show and Sales, Wichita, Kan. W. H. Mott, Mgr., Herington, Kan.
Feb. 25—H. A. Tuttle, Lawrence, Kan. W. H. Mott, Sales Mgr., Herington, Kan.
Feb. 26—Sam Carpenter, Jr., Oswego, Kan. Sale at Emporia, Kan. W. H. Mott, Herington, Kan., Sale Mgr.
Mar. 24-25—Kansas Association Sale, Topeka, Kan. W. H. Mott, Herington, Kan., Sale Mgr.

Chester White Hogs
Feb. 11—Henry Murr, Tonganoxie, Kan.
Jan. 29—Arthur Mosse & Daughter, Leavenworth, Kan.
Jan. 28—H. Cole and E. M. Reckarda, Topeka, Kan.

Jacks and Jennets
Mar. 15-16—L. M. Monsees, Smithton, Mo.

Poland China Hogs
Jan. 12—Ross & Vincent, Sterling, Kan.
Jan. 13—F. Olivier & Sons, Danville, Kan.
Jan. 14—Barnes & Harvey, Grenola, Kan.
Jan. 15—Mitchell Bros., Longton, Kan.
Jan. 17—L. R. White, Lexington, Neb.
Jan. 18—H. T. Hayman, Formoso, Kan.
Jan. 20—F. E. Wiltum, Caldwell, Kan.
Jan. 20—Chas. Hoffhine, Washington, Kan.
Jan. 21—Stafford County Purebred Breeders' Association, Dr. S. N. Myers, Mgr., Stafford, Kan.

Spotted Poland Chinas
Feb. 7—Edgar Sims, Lathrop, Mo.
Feb. 23—H. J. Haag, Holton, Kan.
Mar. 5—Wm. Hunt, Oswatimie, Kan.
Mar. 18—R. H. Stoker, Dunbar, Neb.
Mar. 19—R. B. Stone, Nebawka, Neb.

Duroc Jersey Hogs
Jan. 21—Stafford County Purebred Breeders' Association, Dr. S. N. Myers, Mgr., Stafford, Kan.
Jan. 25—A. J. Hanna, Burlingame, Kan.
Jan. 25—Kansas National Sale, Wichita, Kan.
Jan. 25—State Association 3rd District Sale, at Independence, Kan. Ralph Searle, Tecumseh, Kan., Sale Mgr.
Jan. 25—State Assn., Fourth District Sale, at Emporia, Kan. Ralph Searle, Tecumseh, Kan., Sale Mgr.

Jan. 27—State Assn., First District Sale, at Topeka, Kan. Ralph Searle, Tecumseh, Kan., Sale Mgr.
Jan. 28—State Assn., Second District Sale, at Ottawa, Kan. Ralph Searle, Tecumseh, Kan., Sale Mgr.
Jan. 31—Jno. W. Pettford, Saffordville, Kan.
Feb. 1—Waddell & Danner, Winfield, Kan.
Feb. 2—W. D. McComas, Wichita, Kan.
Feb. 3—Zink Stock Farm, Stafford, Kan.
Feb. 4—W. J. Healey, Hope, Kan., and Jno. W. Jones, Minneapolis, Kan., joint sale at Hope, Kan.

Feb. 4—G. M. Shepherd, Lyons, Kan.
Feb. 5—U. G. Higgins, Fairmont, Neb.
Feb. 5—J. C. Theobald, Ohio, Neb.
Feb. 5—B. R. Anderson, McPherson, Kan.
Feb. 8—Wm. Fulks, Turon, Kan.
Feb. 9—W. A. Conyers & Son, Marion, Kan.
Feb. 9—Gordon & Hamilton, Horton, Kan.
Feb. 9—John Loomis, Emporia, Kan.
Feb. 10—M. R. Peterson, Troy, Kan. Sale at Bondena, Kan.
Feb. 10—R. C. Smith, Sedgewick, Kan.
Feb. 11—Kempin Bros., Corning, Kan.
Feb. 11—Wm. Hilbert, Corning, Kan. (Night sale.)

Feb. 14—Night Sale. Boren & Nye, Pawnee City, Neb.
Feb. 14—Jno. C. Simon, Humboldt, Neb.
Feb. 15—Robt. E. Steele, Falls City, Neb.
Feb. 15—Lyden Brothers, Hildreth, Neb.
Feb. 15—Dr. Burdette & R. E. Mather, Centralia, Kan.
Feb. 16—Geo. H. Burdette, Auburn, Neb.
Feb. 17—Earl Babcock, Fairbury, Neb.
Feb. 17—W. T. McBride, Parker, Kan.
Feb. 17—Qwin Bros., Morrowville, Kan.
Feb. 17—W. W. Otey, Winfield, Kan.
Feb. 18—J. C. Martin, Welda, Kan.
Feb. 19—Guy Zimmerman, Morrowville, Kan.

Feb. 22—W. L. Fogo, Burr Oak, Kan.
Feb. 23—State Association 7th District Sale, Pratt, Kan. Ralph Searle, Tecumseh, Kan., Sale Mgr.
Feb. 23—C. H. Black, Neosho Rapids, Kan., in Emporia, Kan.
Feb. 24—John W. Jones, Minneapolis, Kan. Sale at Salina, Kan.
Feb. 25—Frank Walker, Osceola, Neb.
Feb. 26—H. W. Flook, Stanley, Kan.
Mar. 2—John Sylvester, Oxford, Neb.
Mar. 4—H. C. Luther, Alma, Neb.
Mar. 5—F. J. Moser, Sabetha, Kan.

Percheron Horses
Jan. 29—Kansas National Sale, Wichita, Kan.
Mar. 8—Chas. T. Dyer, Pratt, Kan.
Feb. 16—Northwest Kansas Percheron Breeders, Concordia, Kan. Clyde Dull, Washington, Kan., Sale Mgr.

Jacks and Jennets
Jan. 29—Kansas National Sale, Wichita, Kan.

Shropshire Sheep
Jan. 25—Kansas Shropshire Breeders' Assn., Wichita, Kan. O. A. Homan, Peabody, Kan., Mgr.

Sale Reports
Holsteins in Ozarks
66 head sold for \$16,635; average.....\$252
The Phelps & McClure Holstein sale held at Aurora, Mo., December 16, was one of

the successful sales of this fall sale season. When 66 head of cows and heifers sold for \$16,635. This is not a high figure but it represents good prices for the animals offered. Dr. B. P. Smith of Neodesha, Kan., topped the sale at \$700 for the splendid young cow, Sadie Segis Mutual Korndyke, No. 21 in catalog. F. H. Bock of Wichita, Kan., also paid \$700 for No. 38, Lucinda Gerben Segis Pontiac. Mr. Bock and Dr. Smith were the largest purchasers and about one-third of the offering went to Kansas. The sale was well advertised and managed by Dr. W. H. Mott, the well known Holstein sale manager, and there is much credit due him for the way he conducted the sale. With his selling force in the ring and good cattle to sell, Dr. Mott as sales manager practically insures the success of a sale. Following is a report of representative sales:

Dora Lyons Canary Countess, 5 years, F. W. Dunn, Chaffee, Mo., \$245.
Erna Mira Hengerveld, 5 years, F. H. Bock, Wichita, Kan., \$315.
North River De Kol Mutual, 4 years, Dr. B. P. Smith, Neodesha, Kan., \$300.
Medda Maplecrest Korndyke, 3 years, Dr. B. P. Smith, Neodesha, Kan., \$105.
Boutwije Netherland Korndyke, 4 years, F. W. Dunn, Chaffee, Mo., \$375.
Cornucopia, 6 years, F. H. Bock, Wichita, Kan., \$400.
Pel Maplecrest Hengerveld, 4 years, F. W. Dunn.

Pietertje Echo Alcartra, 3 years, Glen Whitwood, Carl Junction, Mo., \$190.
Lady Alcartra Meechthilde, 3 years, F. J. Searle, Okaloosa, Kan., \$365.
Daisy Beechwood, 2 years, W. H. Bates, Hot Springs, Ark., \$130.
Sadie Segis Mutual Korndyke, 2 years, Dr. B. P. Smith, \$700.
Plebe Mutual De Kol Ormsby, 1 year, H. P. Charles, Bowers Mills, Mo., \$350.
Ormsby Plebe Maud, 1 year, H. B. Charles, \$300.

Yvette Hartog Hengerveld, 1 year, J. B. Smith, Springfield, Mo., \$160.
Lily Johanna McKinley Segis, 1 year, Cass Co. Farm, Strasburg, Mo., \$95.
Sunnyside Korndyke Homestead, 5 years, Sam Carpenter, Oswego, Kan., \$225.
Lucinda Gerben Segis Pontiac, 4 years, F. H. Bock, Wichita, Kan., \$700.
Elva Korndyke, 4 years, F. J. Searle, Okaloosa, Kan., \$500.

Field Notes

BY J. W. JOHNSON

Henry Murr, Tonganoxie, Kan., has changed his Chester White bred sow sale date to February 11. This sale will be advertised in the Kansas Farmer and Mail and Breeze. He will sell about 50 sows and gilts.—Advertisement.

H. A. Rogers, sale manager for the Rawlins County Hereford Breeders' association, has claimed April 14 and 15 as the dates for their annual spring sale in the association sale pavilion at Atwood, Kan. This sale will be advertised in the Kansas Farmer and Mail and Breeze in due time.—Advertisement.

Wyckoff Bros.' Chester Whites
Wyckoff Bros., Luray, Kan., Russell county, offer Chester White gilts and boars. They have one bred gilt, nine July boars and gilts and 35 fall pigs for sale and very reasonable prices. Write them today for descriptions and prices. They are offering these fall pigs in pairs to suit and at attractive prices to move them now.—Advertisement.

Hayman Sells Polands January 19
H. T. Hayman, Formoso, Kan., Jewell county, sells 45 Poland China bred sows and gilts in Formoso, Tuesday, January 19. They are the kind that win and the kind that get big and smooth. In fact the Hayman herd is considered one of the best herds in the state. It is a little early and you will get bargains in this sale very likely. Write today for the catalog. Do it now before you forget it. H. T. Hayman, Formoso, Kan., brings the catalog by return mail. Mention the Kansas Farmer and Mail and Breeze.—Advertisement.

Chas. Hoffhine's Poland China Sale
Chas. Hoffhine of Washington, Kan., has announced January 20 as the date of his Poland China bred sow sale. Mr. Hoffhine is offering a choice lot of bred sows and gilts in this sale. The thirty-five head cataloged are a richly bred lot sired by the best boars of the breed. They are bred to Huff's Square Jumbo, and a son of The Rainbow Boy 1st. Look up his ad in this issue and write at once for catalog and terms of this sale.—Advertisement.

Holstein Sale at Kansas National
Holsteins at the big Kansas National, Wichita, January 26 and 27, will be sure to attract attention to Kansas as a Holstein state. January 26 is show day and the day following is the big mid-winter sale in which 70 head will be sold and fully half of them the show cattle of the day before. \$2,200 in premiums is sure to attract good cattle. The consignments are by members of the big Kansas Holstein association. W. H. Mott, Herington, Kan., is managing the sale. The catalog is ready to mail. Write W. H. Mott, Herington, Kan., for the catalog.—Advertisement.

Holsteins at Kansas National
January 26 and 27 are important days for Kansas Holstein breeders and in fact for Holstein breeders generally. These are the dates of the Holstein show and sale at the big Kansas National, Wichita, Kan., the week commencing January 24. The first day will be given over to judging and the second day is the big sale. Seventy head will be sold and more than half of this offering is show cattle exhibited the day before. W. H. Mott, Herington, Kan., is in charge of the sale and that insures promptness and a businesslike management of the sale. For the catalog which is now ready write W. H. Mott, Herington, Kan. Write today and get it early. Mention the Kansas Farmer and Mail and Breeze when you write.—Advertisement.

McKinley's Red Polled Cattle
T. G. McKinley, Alta Vista, Kan., Wa-bunsee county, starts his advertisement in this issue in which he offers his entire herd of Red Polled cattle for sale. Mr. McKinley will be remembered as the Red Polled breeder at Junction City, Kan., until a short time ago when he removed to Alta Vista. He offers the entire herd consisting of 40 head. It is made up of dairy cows and young heifers and some young bulls and two hard bulls. For a number of years this

TREAT YOUR OWN HERD FOR ABORTION STOP LOSING CALVES

Dr. DAVID ROBERTS' ANTI-ABORTION TREATMENT has been successfully used for nearly thirty years—it is past the experimental stage. Its effectiveness in preventing and overcoming Abortion in Cows is being satisfactorily demonstrated in hundreds of herds every year. Whether you own five head or five hundred, you can



Stamp Abortion Out and Keep It Out

Ask for the "CATTLE SPECIALIST," sent free on request. Answers every question pertaining to ABORTION IN COWS. Tells how to treat your own herd at small expense. Write

Dr. DAVID ROBERTS VETERINARY CO., Inc. 418 Grand Ave., Waukesha, Wis.

FREE
We give you choice of Baseball Glove, Wrist Watch, Flashlight, or 25 piece Silveroid Set, and may other valuable premiums for selling only 50 packets of our Garden Seed at 10c. Seed are easy to sell. Send no money. We trust you with seed. Write for Seed and Premium List today.
DUVERNET SEED CO.
Dept. A, Albany, Ga.

Only \$2 DOWN ONE YEAR TO PAY
\$44 Buys the New Butterfly Jr. No. 2 1/2. Light running, easy cleaning, close skimming, durable. **EASY TO CLEAN**
NEW BUTTERFLY guaranteed a lifetime against defects in material and workmanship. Made also in four larger sizes up to No. 8 shown here; sold on 30 DAYS' FREE TRIAL and on a plan whereby they earn their own cost and more by what they save. Postal brings Free Catalog Folder. Buy from the manufacturer and save money.
ALBAUGH-DOVER CO., 2177 Marshall St., Chicago

If you are not now a regular reader of Kansas Farmer and Mail and Breeze, now is the time to send in your subscription order. It will come 52 times for a dollar; 3 years for \$2.00.

\$10 After 30 Days Free Trial
30 days' free trial—then, if satisfied, only \$10.00 and a few easy payments—AND—the wonderful Belgian Melotte Separator is YOURS.
No Money Down!
Catalog tells all—write. **Caution! U.S. Bul-** lets 201 shows that vibration of the bowl causes cream waste! The Melotte bowl is self-balancing. It cannot vibrate. Can't cause currents in cream. Can't run cream with milk. The Melotte has won 264 Grand and International Prizes.
Catalog FREE
Write for new Melotte catalog containing full description of this wonderful cream separator and the story of M. Jules Melotte, its inventor. Don't buy any separator until you have found out all you can about the Melotte and get full of our 18-year guarantee which is infinitely stronger than any separator guarantee. Write TODAY.
The Melotte Separator, H. B. Babson, U.S. Mgr.
Dept. 2971, 2843 W. 19th Street, Chicago, Ill.

herd was maintained as a dairy and the whole milk sold to Fort Riley. Those interested in Red Polls should investigate this offer at once. You can buy the whole herd or as many as you want. Write for prices today. You will find them very moderate as he wants to close the herd out at once.—Advertisement.

Dull's Percheron Sale

Clyde Dull, Washington, Kan., has been associated with his father for years at that place in the Percheron horse breeding business. Not speculators but actual breeders and their Percheron herd has always been considered one of the good ones in the state. They are now dispersing the entire herd and have claimed February 16 at Concordia, Kan., as the date and place for their dispersion. They do not have enough to fill a sale and have taken in a few good ones and can use a few good ones yet. If you are at all interested write Clyde Dull, sale manager, Washington, Kan.—Advertisement.

Mosse & Mosse Chester White Sale

In the future Arthur Mosse's Kansas Herd of Chester White hogs will be known as the

LIVESTOCK AUCTIONEERS AND SALE MANAGERS.

BE AN EXPERT AUCTIONEER OR BANKER!

Bankers and Auctioneers are the Men Who Make Big Money

No other institution can show so many real successes as this most remarkable school in the world. We teach you to be a Banker or Auctioneer in 4 to 6 weeks, combining both courses in a unique way, if you wish. Bank Cashiers, Tellers and Auctioneers make \$2,500 to \$15,000 a year.

In Auction School—Instruction under world's most successful Auctioneer. Our graduates make big money. One graduate made \$3,000 in 8 hours; another made \$6,000 in 2 months; Col. Waters, Skedee, Okla., made \$2000 in one day.

In Banking School—Personal direction W. B. Carpenter, 14 years a successful banker. You work on Commercial Bookkeeping machines worth \$1,000 each. Positions open in both city and country. Here you get Practical training—you actually do a banker's work.

FREE 60-PAGE BOOK. Simply send name today. Tells about this remarkable school of Banking and Auctioneering. Tells how you can quickly train yourself to be an expert in 4 to 6 weeks. Send Name Now for this brilliant and fascinating book—it's absolutely free.

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MISSOURI AUCTION & BANKING SCHOOL
Executive Offices 352 Hall Bldg. KANSAS CITY, MO.

BOYD NEWCOM LIVESTOCK AUCTIONEER.

Sell all kinds. Book your sales early.
217 BEACON BLDG., WICHITA, KANSAS.

P. M. GROSS, 410 West 12th Street,
KANSAS CITY, MO.

Homer Rule, Ottawa, Kan. Specializing in purebred sales.
Secure your date early. Address as above.

Jas. T. McCulloch, Clay Center, Kan. My reputation is built upon the service you receive. Write, phone or wire.

A. D. McCULLOUGH, Tonganoxie, Kan. Livestock Auctioneer
Special attention to purebred sales.

FRED L. PERDUE, DENVER, COLO. REAL ESTATE AUCTIONEER
OFFICE: 320 DENHAM BUILDING, DENVER, COLO.

FRANK GETTLE, Livestock Auctioneer
1033 Broadway Kansas City, Mo.
Efficiency First. For open dates address as above.

DOGS AND PONIES

SHETLAND PONIES FOR SALE

All ages. Emmons Bros., Hill City, Kansas.
BEAUTIFUL COLLIE and Shepherd pups, natural heelers; males, \$15; females, \$7.50. Picture 10c. R. Ellis, Beaver Crossing, Neb.

BERKSHIRE HOGS



Laurel's Epochal 10th Junior Champion Berkshire Boar of America, 1920

YOU KNOW THE FAULTS OF THE BIG TYPE HOGS YOU HAVE

It will take years to correct them. Change to Epochal Berkshires and the faults will be corrected now. Epochal Berkshires are big, deep, smooth, and early maturing. They are the deepest big-type hogs.

EPOCHAL BERKSHIRES

Have: World's Greatest Show Record
All World's Record Prices for Berkshires
Largest Herd of Berkshires in the World

This wonderful record came to the Epochal herd through the unwavering, pork-producing superiority of Epochal Berkshires.

That Epochal Berkshires make good for others as well as for us is amply proven by the fact that the grand champion Berkshire Barrow of the 1920 International Live Stock Exposition was sired by a son of Epochal. Epochal Berkshires have always sold at prices which only breeders could afford to pay. We know Epochal Berkshires are the greatest hogs ever produced in the swine industry. We want hogs everywhere to know this, and to acquaint farmers with this great strain we now offer a limited number of cholera immune, registered, mated trios—

One Boar and Two Gilts at Less Than Half Our Regular Price
FOUR MONTHS' OLD TRIO - \$189

Write to 1006 South Michigan Avenue, Chicago, today for all particulars of our remarkable new offer
Martinsville, Ind. Preston, Kan. Axial, Colo.

GOSSARD BREEDING ESTATES

KING'S BERKSHIRES

A few fall pigs \$15 and \$20; boars ready for service; sows for spring farrow. R. C. KING, R. 5, Burlington, Kan.
REG. BERKSHIRE boars. Fall farrow, cholera immune. Warth & Knauss, Garnett, Kan.

Mossmead herd and the style of the firm will be Mosse & Mosse. January 20 is the date of their very important bred sow sale and which is their annual bred sow sale. It will be held in the new sale pavilion, Leavenworth, Kan. In the 1920 state fairs this herd won 280 ribbons. I have recently had the opportunity to look over this unusual list of winnings by this great herd. In this sale Mosse & Mosse will sell 35 sows and gilts and the entire show herd is the major part of this offering. As an offering of attractions this sale will not be outdone this winter. Just the best will be cataloged and record prices are not expected this winter. But they do desire that Kansas breeders attend or send bids to this sale. The catalog is ready to mail and you can have it by return mail for the asking. Address Mosse & Mosse, Route 5, Leavenworth, Kan.—Advertisement.

Coming Shorthorn Sales

Members of the Northwest Kansas Shorthorn Breeders' association living in Smith county and in that section of the territory of the big Shorthorn association met recently and decided upon April 6 as the date of their annual spring sale. T. M. Willson, president of the association, was elected chairman of the committee on sale arrangements. The other two members of the committee are Geo. Hammond and S. A. Hill of Smith Center. A majority of those present wanted to employ F. S. Kirk of Wichita to manage the sale if arrangements could be made with him. The eastern members of the association will hold their annual sale again in Concordia some time in April. The two sales give the members in the extreme west end of the territory an opportunity to sell in a sale near to them while the sale at Concordia gives the eastern members a chance to sell near home. E. A. Cory, Talmo, Kan., is the regular elected association sale manager and will announce the date for the Concordia sale soon.—Advertisement.

Gordon & Hamilton's Big Duroc Sale

Gordon & Hamilton, Horton, Kan., start the Northeast Kansas Duroc Jersey bred sow sale circuit at the sale pavilion, Horton, Kan., Wednesday, February 9. Last winter and the winter before Gordon & Hamilton sold offerings of bred sows that compared favorably with any that was sold in the west either of those two seasons. This year they are cataloging an offering that is likely superior to anything they have ever sold and breeders who attended their last two sales will know what that means. There will be 25 fall and 12 spring gilts in the sale. The tried sow part of the offering will be where many of the best attractions will come in. To start with there will be three two-year-old sows by Sensation King. These are the choice kept by Gordon & Hamilton from a larger number of gilts that was talked about so much about a year ago. There will be 12 tried sows in the sale and every one is going to be right. The gilts are an extra good lot sired mostly by Sensation King and Golden Pathfinder. Most of the offering will farrow in March. Remember this good sale and also that Gordon & Hamilton invite you to attend all four sales in their circuit.—Advertisement.

Anderson Sells Durocs February 5

B. R. Anderson, McPherson, Kan., proprietor of the Royal herd of Duroc Jerseys, will sell bred sows in McPherson, Saturday, February 5. Mr. Anderson sells in the big Kansas circuit and winds up the week of sales starting with John W. Petford, Saffordville; February 1, Wooddell & Danner, Winfield; February 2, W. D. McComas, Wichita; February 3, Zink Stock Farm, Turon; February 4, G. M. Shepherd, Lyons, Kan. All of these sales can be attended very conveniently. It will be the best offering of bred sows Mr. Anderson has ever made. They will be bred to the second prize junior yearling boar at Topeka and Hutchinson in 1920 and was only defeated by the boar that was made grand champion. The balance of the sows are bred to Royal Pathfinder, a good son of the great Pathfinder. The sows are of Sensation, Pathfinder and Orion breeding and are well grown. Mr. Anderson will sell about 60 head and they will all be registered and immune. This is Mr. Anderson's regular February bred sow sale. The sale will be advertised in the Kansas Farmer and Mail and Breeze soon. But you can ask him for the catalog now.—Advertisement.

M. R. Peterson's Duroc Sale

M. R. Peterson, Troy, Kan., Doniphan county, sells Duroc Jersey bred sows in the new sale pavilion, Bendena, Kan., (his nearest R. R. station) Thursday, February 10. He is selling in the Northeast Kansas Duroc circuit which is arranged as follows: Gordon & Hamilton, Horton, February 9; M. R. Peterson, at Bendena, February 10; Kempth Bros., Corning, February 11; Will Hilbert, Corning, February 11 at night. This is a well arranged circuit and Mr. Peterson invites you to attend all four sales. He is selling 40 bred sows and gilts as follows: 14 tried sows, 26 spring gilts. The offering was sired by Peterson's O. C. K., Long Orion, High Pathfinder, King's Pathfinder Jr., Mo. Disturber, Belle's Model 5th, Highland Cherry King and King's Col. Longfellow. They are bred to Long Orion, Peterson's O. C. K., High Pathfinder and High Pathfinder Wonder. Everything immune. It is an offering of real Duroc Jersey bred sows and gilts. The sale will be advertised soon in the Kansas Farmer and Mail and Breeze. You can ask him right now to book you for the catalog and you will receive it as soon as it is off the press.—Advertisement.

Schmitz Hereford Sale February 19

A. and P. Schmitz, Alma, Kan., are established breeders of Herefords who will hold their first public sale in the Hereford sale pavilion at that place February 19. Probably more than eight per cent of the offering was raised by them on their splendid farm between Alma and McFarland. They have gradually built up this herd over a period of 12 or 15 years. They have bought a few each year of the kind they needed. They started with Anxiety breeding and have never departed from this popular line of breeding to any extent. In the sale they are making February 19 they will sell 70 head, 65 of them females. Thirty-two of this number are coming three years old and are bred to Bright Pilot, a grandson of Bright Stanway. The balance with the exception of five young bulls are young cows bred to Sir Simoon 25th and Shadeland Lad 2nd, two splendid bulls of Anxiety breeding. The five bulls are from 18 to 24 months old. The sale will be advertised in the Kansas Farmer and Mail and Breeze soon. They will offer a car load of young bulls at the same time at private sale. In fact they are for sale now. If you are interested write

Our Twentieth Annual Big Type, Big Bone, Sow Sale

The Home of the Blue Valley Polands

Thos. Walker & Sons Sell February 4, 1921, at Farm, Alexandria, Nebraska

75 head, well grown, good type and big bone; 15 tried sows, 1, Wade's Choice, a real attraction, 38 in. high, one of those 1,000 lb. kind; two fall gilts by Liberator. One sells bred to Blue Valley Big Bone, the other to Jumbo Black Jack. He is by Col. Jack and is one of the most attractive boars we ever owned. 2 gilts are by Designer, and from a Big Timm sow of one of the best litters sired by Designer. Many of the sows and gilts of this offering are by Blue Valley Big Bone, Blue Valley Timm, Long Big Bone Jack and Gerstdale Jumbo. This offering sells bred to two sons of Designer and Jumbo Black Jack. I have lost our mailing list, so write for catalog to

Thos. Walker, Alexandria, Nebraska
Cols. H. S. Duncan and H. O. Waldo, Auctioneers. Send mail bids in my care to J. Cook Lamb, Capper Farm Press Representative.

Public Sale Offering

Good Reg. Poland China Hogs

F. E. Wittum Sells At

Caldwell, Kan., Thursday, January 20, 1921

8 miles Southeast of Caldwell

15 tried sows and 25 spring gilts. Good in individuality and breeding, possessing the best qualities that go with big type Polands. Farmers will find this offering contains seed stock for the breeder of registered Polands as well as for the beginner who starts a herd.

The 15 tried sows are strong in the blood of Logan Price, A Wonderful King, Caldwell's Big Bob, Big Timm, Black Orange, Expansion, and Smooth Orange. The 25 gilts out of these sows are sired by a son of A Wonderful King out of a Wonder bred sow, and are bred to a son of Smooth Orange and to a son of Morton's Giant.

Hogs are very scarce and feed is abundant and cheap. Buy more and better hogs and market your feed on the hoof. Every hog immuned. Liberty Bonds or properly secured notes accepted in payment. For a catalog write today, mentioning Kansas Farmer and Mail and Breeze, to

F. E. Wittum, Caldwell, Kansas

Jno. D. Snyder and Savage & Son, Auctioneers; J. T. Hunter will represent the Capper Farm Press.

A Red Letter Day in Kansas

Washington, Kan., January 20

A good lot of sows and gilts sell bred to Huff's Square Jumbo and a son of The Rainbow Boy 1st.

35 head of richly-bred sows and gilts sired by the most noted boar of the breed. Write now for catalogue and terms of this sale.

Chas. Hoffhine, Washington, Kan.

R. R. No. 4

Big Black Polands

Summer and fall boars and gilts that are growthy, and priced to sell. Also a few fall yearling gilts that are bred extra good.

E. M. WAYDE, R. 2, Burlington, Kansas.

Poland China Boars and Gilts

Spring farrow and big, well-grown kind. Farmers' prices. Also bargains in late summer and fall pigs, either sex. Papers right with the animal.

P. L. BAILOR, ONEIDA, KANSAS

Big Bone, Stretchy Polands

Spring boars and gilts ready for service; fall gilts and tried sows; fine fall pigs, both sex; immuned and recorded; priced to sell. Satisfaction guaranteed.

ED SHEEHY, HUME, MISSOURI

REGISTERED BIG BONED POLANDS

Choice individuals, both sexes, by a son of Sensation out of Caldwell's Big Bob dams. They will please you.

R. J. HILL, LIBERAL, KANSAS

POLAND CHINA BOARS

High class big type Poland China boars at farmers' prices. We send C. O. D. if desired.

G. A. WIEBE & Son, R. 4, Box M, Beatrice, Neb.

1200 LONGFELLOW, assisted by A Wonderful Hercules and the big Kansas winners, in service. Bred gilts and a few boars for sale.

James Nelson, Jamestown, Kansas, Route 1

PUREBRED POLAND CHINA BOARS
May farrow, eligible to registry, immune, Dec. price \$30. John Hime, Manchester, Okla.

Poland China Sows and Gilts

from our prize-winning herd. Bred to grandsons of Liberator and Big Bob. Also fall pigs. We ship on approval.

PLAINVIEW HOG & SEED FARM,
Frank J. Rist, Prop., Humboldt, Nebraska

The Lone Cedar Polands

Spring pigs either sex, by Big Chimes he by Big Hadley Jr. Also herd boar material in fall boars by The Yankee Jr. he by The Yankee and bred same to The Rainbow. Pigs out of Big Orange bred sows. Cholera immune. A. A. Meyer, McLouth, Kan. (Jefferson Co.)

Big Boned Polands

Spring boars and gilts, ready for service; fall gilts and tried sows; fine fall pigs, both sex; immuned and recorded. Satisfaction guaranteed.

W. D. ADAMS, HUME, MISSOURI

ROADSIDE FARM POLANDS

10 March boars, actual tops and a few choice gilts same age. The blood lines are popular and the prices are right.

T. Crowl, Barnard, Kansas, Lincoln County

Poland China Bred Sows

and gilts for sale. Cholera immuned. Big type. Priced right. Address

HERMAN SCHMALE, DE WITT, NEB.

280 Ribbons At State Fairs

35 Proven Brood Sows, Fall and Spring Gilts

Mossmead Chester Whites

Leavenworth, Kan.

Thursday, Jan. 20

In The New Pavilion

This great Chester White bred sow and gilt offering includes our 1920 show herd that won 280 ribbons at the state fairs, 1920.

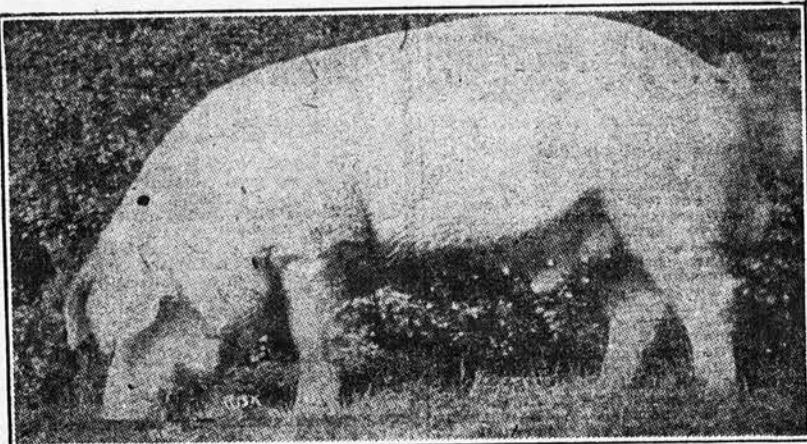
This is an unusual Chester White offering and we are not expecting high prices. We want you to be our guests again on this occasion.

Our catalog is ready to mail. Address

Mosse & Mosse, Leavenworth, Kan.

20 trains daily in and out of Leavenworth besides hourly interurban service between Leavenworth and Kansas City.

Headquarters, National Hotel, Auctioneer, C. C. Garner. J. W. Johnson, Fieldman, Capper Farm Press.



Don Big Joe, grand champion Kansas state fairs 1920. Most of the offering bred to this show and breeding boar.

Note—This is the old Kansas Herd Chester Whites. The herd will be known in the future as Mossmead herd and the firm name is Mosse & Mosse.—Arthur Mosse.

The Kansas Duroc Sale Circuit

Under the Auspices of the Kansas Duroc Jersey Breeders Association

Eight great consignment sales of carefully selected bred sows, one sale in each congressional district, to be held the last week in January, and the first half of February. All sales catalogued in one super-catalog. Order your copy today. It contains all the "dope."

RALPH SEARLE, Sale Manager, Tecumseh, Kansas

DUROC JERSEY HOGS.

Extra Good Bred Gilts

spring and summer yearlings of Pathfinder and Orion breeding bred for September farrow to High Orion Sensation and Chief Pathfinder. Young herd boars by Pathfinder and Great Orion Sensation. Write us about good Durocs. GWIN BROS., MORROWVILLE, KAN.

McComas' Durocs

20 good spring boars; 100 fall and spring gilts; Pathfinder and Orion Cherry King breeding; cholera immunized; priced to sell. W. D. McCOMAS, Box 455, WICHITA, KAN.

Boars—Boars—Boars

A splendid bunch of real prospects, herd headers, including our prize winning litter at both Topeka and Hutchinson fairs. Come and pick a herd boar. We sure have them. Come early; get your choice. ZINK STOCK FARMS, TURON, KANSAS

PATHFINDER SPRING GILTS

as well as fall boars. Some sired by Pathfinder. Registered, immunized, guaranteed. We prepay express charges. OVERSTAKE BROS., ATLANTA, KANSAS

BRED SOWS AND GILTS

Also spring boars. 20 big tried sows, fall yearlings and spring gilts, bred to or sired by Great Wonder Model and Pathfinder Graduate for March and April litters. Big, rugged, spring boars \$30.00 to \$60.00. Shipped on approval. HOMER DRAKE, Sterling, Kan.

FAIRFIELD FARM DUROCS

12 April boars, 200 to 250 pounds, sired by Royal Orion 349033 and Lady's Col. Orion 287401. Priced cheap. \$65.00 to \$75.00. BEAUCHAMP & HINER, HOLTON, KAN.

McClaskey's Durocs

Ten head of spring boars, Orion and Pathfinder blood lines. Well grown, immune, registered and priced to sell. Also spring gilts. C. W. McCLASKEY, R. 3, GIRARD, KAN.

ROADSIDE FARM DUROCS

10 boars and 15 gilts, carefully grown and the tops for sale at fair prices. Best of breeding and individually right. Fred Crowl, Barnard, Kan., Lincoln County

DUROC YEARLING AND SPRING GILTS

Bred to our distinctly big type herd boar C's Giant Orion King. The yearlings are granddaughters Great Wonder. The spring gilts are by Watts Orion. Two April boars. Extra good. We invite inspection of our herd. J. A. CRIETZ & SON, BELOIT, KANSAS

Boars of Size and Quality

Big-type spring boars, ready for service; also gilts; best breeding of the Sensations, Crimson Wonders, Orions and Cols. families. All immunized and priced for quick sale. ERNEST A. REED, R. 2, LYONS, KANSAS

FOGO'S DUROCS

Spring boars by Fogo's Invincible, Scissors Nephew, High Sensation, Jr., and the \$5,000 Big Giant King and others. They are real ones. Price \$50 to \$75 for herd header prospects. W. L. FOGO, BURR OAK, KANSAS

DUROC JERSEY HOGS.

CHOICE DUROC BOARS

Large type; Proud King Orion breeding; double immunized; bred gilts for sale later. Priced to sell. M. STENSAAS, CONCORDIA, KANSAS

SOWS BRED FOR SPRING FARROW

Choice individuals; best of blood lines; priced reasonable; Orion and Pathfinder breeding. RALPH P. WELLS, FORMOSO, KANSAS

REGISTERED DUROCS FALL PIGS

Either sex; also a number of older males and gilts; all well grown and good ones. J. E. Weller, Holton, Kan.

DUROC SPRING BOARS AND GILTS

For immediate shipment. Priced reasonable. R. F. GARRETT, STEELE CITY, NEB.

VALLEY SPRING DUROCS

Big-type bred sows and gilts; boars all ages; Sept. pigs unrelated; popular breeding; registered; immunized; priced right; good terms. E. J. Bliss, Bloomington, Kan.

Six Reg. Bred Duroc Gilts

\$40 each. One yearling boar, \$75. All strictly choice. W. H. Williamson, Raymond, Kan.

REGISTERED DUROC BOARS

150 to 225 lbs., \$25 to \$40; sows and gilts to farrow in March; weanlings, both sex. G. W. Hageman, St. John, Kansas

HAMPSHIRE HOGS.

WHITWAY HAMPSHIRE

Sold on approval; a few choice boars; gilts open or bred; the big, growthy kind; flinty bone and quality; fall pigs, either sex. Special prices for 30 days. F. B. WEMPE, FRANKFORT, KANSAS

Walter Shaw's Hampshires

200 head; registered; immunized; 35 tried sows bred; 50 gilts; service boars; best of breeding. Wichita, Kan., R. 6, Tel. 3918. DERBY, KANSAS.

REGISTERED HAMPSHIRE HOGS

Spring boars and gilts; also one tried boar; excellent breeder. Priced to sell. C. R. Pontius, Eskridge, Kan.

Hampshire Weanling Pigs

For sale cheap. Henry Binard, Burlington, Colo.

SHEEP.

REG. SHROPSHIRE RAMS

Also a few choice ewes and ewe lambs. Farm 3 miles north of town. J. R. Turner & Son, Harveyville, Kansas.

SHROPSHIRE AND HAMPSHIRE RAMS

Priced to sell; satisfaction guaranteed. CEDAR ROW STOCK FARM, A. S. Alexander, Prop., Burlington, Kansas

SHROPSHIRE SHEEP

Bred ewes, a few young rams, good ones, priced right. W. H. Johnston, Frankfort, Kan.

When writing advertisers mention this paper.

CHESTER WHITE HOGS.

4th Annual Bred Sow Sale

Kansas Herd Chester Whites

Leavenworth, Kansas, January 20

Mostly bred to grand champion boar, Don Big Joe; 280 ribbons won in 1920 by this herd. Write for catalog today.

Mosse & Mosse, Rural Route 6, Leavenworth, Kan.

SILVER LEAF HERD CHESTER WHITES

One March gilt, 2 fall tried sows, bred for March farrow to a son of Wildwood Prince, Jr., at \$50 each. Choice Sept. pigs at \$15 each. Satisfaction guaranteed. C. A. CARY, EDNA, KANSAS

Serviceable and Fall Boars

Some late gilts, bred or open. Big bred sow sale Feb. 11, 1921. Send for catalog. Everything shipped on approval. The old reliable. HENRY MURK, TONGANOXIE, KANSAS

Reg. Chester White Gilts and Boars

1 bred gilt, 9 July gilts and boars, 33 fall pigs. WYCKOFF BROS., LURAY, KANSAS.

REGISTERED CHESTER WHITES

Herd boar \$75.00. Bred yearling sows \$65.00. Open sows \$50.00. June gilts \$25.00. Earl Scott, Belvidere, Kan.

CHESTER WHITE SOWS AND GILTS

Bred fall and spring gilts; tried sows; fall pigs, either sex; guaranteed. E. E. SMILEY, PERTH, KANSAS.

O. I. C. PIGS, \$12.00 EACH

E. S. Robertson, Republic, Missouri

CHESTER WHITE BOARS AND GILTS by

Bob Tip Top. W. H. Lynch, Neosho Rapids, Kan.

BIG CHESTER BOARS, ALL AGES

F. Scherman, R. 7, Topeka, Kan.

CHOICE CHESTER WHITE BRED GILTS

and boars for sale. Verg Curtis, Larned, Kan.

CHESTER WHITE BRED GILTS and fall

sow pigs. C. H. Cole, North Topeka, Kan.

SPOTTED POLAND CHINA HOGS.

Smith's Reg. Spotted Polands Tried sows and spring gilts bred for March and April farrow; they are the long, stretchy, heavy boned kind; also some fall pigs, either sex, or in pairs; a year-old boar at a bargain; all gilts and sows cholera immunized. Special price for 30 days. Carl F. Smith, Cleburne, Kan., Riley County

Buy Some Spotted Polands

Special prices on tried sows and yearling gilts, bred or open. Good serviceable boars and fall pigs. Everything immunized and in thrifty condition. Very attractive prices on lots of five or more. THOS. WEDDLE, R. 2, WICHITA, KANSAS

OLD ORIGINAL SPOTTED POLANDS

Special prices on yearling boars, spring boars, sows and gilts bred for March farrow. CEDAR ROW STOCK FARM, A. S. Alexander, Prop., Burlington, Kansas

WM. HUNT'S SPOTTED POLANDS

Tip-top fall and spring gilts; popular families; bred to or sired by our herd sires; one the 1918 national junior champion; the other a son of the grand champion same show; standard and national registered. Satisfaction. WM. HUNT, OSAWATOMIE, KAN.

SPOTTED POLAND HOGS

Standard or English bred, either sex. Special prices on young boars; have a few Hampshires. All hogs reg. and immunized. C. W. WEISENBAUM, Altamont, Kan.

Curtis Spotted Polands

Reg. boars, \$35 each; gilts, \$30; August pigs, \$20; fall pigs, \$15. T. L. Curtis, Dunlap, Kan.

McCune's Spotted Polands

Spring boars; spring gilts, open; tried sows, bred for spring farrow. Priced for quick sale. R. H. McCune, Longford, Kansas

Big boned Spotted Poland boars, \$25 each.

Immunized. Wm. Meyer, Farlington, Kansas.

When writing advertisers mention this paper.

them for prices and at the same time ask them for the sale catalog. Mention the Kansas Farmer and Mail and Breeze when you write.—Advertisement.

State Association Duroc Sale Circuit

Ralph Searle, Tecumseh, Kan., Shawnee county, as promoter and sales manager of the big congressional district Duroc Jersey sale circuit, is receiving many compliments on the very evident success of his big undertaking. The secretary of the National Duroc Jersey Record association has written him that he indorses the plan and extends to the Kansas Duroc Jersey breeders thru Mr. Searle the use of a set of moving pictures that is the property of the association. The association will very likely have a representative at all of the sales. Mr. Searle has recently issued the Kansas Duroc Booster which is full of information for Duroc Jersey breeders interested in this circuit and other sales in Kansas. It is free for the asking. These sales will all be advertised in the Kansas Farmer and Mail and Breeze and if you contemplate buying a few bred sows or many this winter you will be interested in this big catalog that will be off the press soon. The sales are all catalogued in one book. Write for it today and mention the Kansas Farmer and Mail and Breeze. January 26, 27 and 28 are the dates of the sales at Emporia, Ottawa and Topeka in the order named. If you are interested in any of these sales as a consignor write to Ralph Searle, Tecumseh, Kan. If you are in the market for bred sows write him and request the catalog. Over 400 sows and gilts will be sold and all of them are consigned by Kansas breeders in the different congressional districts.—Advertisement.

Tomson Bros.' Shorthorns

Tomson Bros. of Wakarusa and Dover, Kan., have changed their Shorthorn advertisement in this issue of the Kansas Farmer and Mail and Breeze. They offer for sale a large number of young herd bulls of exceptional quality. Considering the quality and breeding of these bulls and the reputation of the herd and its owners it is surely a good place to buy your herd bull this season. Tomson Bros. are possibly better known as breeders of high class Shorthorns than any other western breeders. The herd was established over 30 years ago by their father, T. K. Tomson at Dover. Tomson Bros. have stayed with the Shorthorn business during the ups and downs of the business and each succeeding year found the herd a little stronger than the year before. Possibly more good Kansas herds have Tomson bred bulls at their head right now than have come from any other one herd. Right now they are in a position to supply Scotch herd bulls of a kind and quality that should be of interest to every breeder who needs a herd bull. The Tomsons are deservedly popular with the Shorthorn breeding fraternity everywhere and especially so with the Kansas breeders. Recently a member of the firm told me they would like to see some of these splendid herd bulls go to head good Kansas herds. Naturally they are interested in the future of the Shorthorn business in their native state. The bulls they are offering right now are of the most popular Scotch breeding. They are mostly by Village Marshall and Beaver Creek Sultan. Wakarusa is a small station on the main line of the Santa Fe and can be reached very easily via Topeka. If you plan on visiting the herd you better drop them a line and advise them when to expect you. Look up their advertisement in the Shorthorn section of the Kansas Farmer and Mail and Breeze.—Advertisement.

Hanna Sells Durocs January 25

In this issue of the Kansas Farmer and Mail and Breeze will be found the advertisement of A. J. Hanna's Duroc Jersey bred sow sale, Burlington, Kan., Tuesday, January 25. The sale will be held in town under cover. Forty-five head will be catalogued and sold at auction on this date. Mr. Hanna has been known as a breeder of Duroc Jerseys for a number of years and as a good buyer of the kind that builds up the right kind of herds. His bred sow sale on this date will be made up of 15 tried sows, 17 fall yearling gilts and eight spring gilts. The entire offering was sired by Dictator and King's Col. 40th. Dictator was sired by Fancy Cherry Chief and his dam was by Select Col. King's Col. 40th was sired by what is considered by many the greatest Duroc Jersey boar ever owned in Nebraska, King's Col. His dam was Golden Lady by Golden Model. There are two in the offering by Pal's Giant. The entire offering is immunized and in the best of health and the best of breeding condition. They have been fed and handled with future usefulness always in mind. High prices are not expected but Mr. Hanna expects to distribute among his neighbors a class of sows that will be a lasting advertisement for him. He is aware of the fact that there are sows and gilts in this sale that would be very desirable in any good herd and he would like to see his breeder friends at his sale. You are all invited. The entire offering is bred to Crimson Pathfinder whose picture in his 16 months old form appears in Mr. Hanna's advertisement in this issue. I consider him the finest Pathfinder boar that I know of in Kansas. He is a great individual and a few litters by him indicate that his ability as a sire is going to popularize him still more with those who already admire him because of his individual merit. Look up the advertisement in this issue and write today for the catalog.—Advertisement.

BY J. T. HUNTER

If you want to buy very reasonably a few good registered Shorthorns write Frank G. Smith, Route 2, Parsons, Kan. He has for sale two red cows, two red heifers, one roan heifer, and one roan bull. Please mention Kansas Farmer and Mail and Breeze.—Advertisement.

Verg Curtis, Larned, Kan., has for sale some choice Chester White boars and bred gilts. These are good hogs and will be sold very reasonably by Mr. Curtis who will also guarantee satisfaction to purchasers. Write Mr. Curtis today, mentioning Kansas Farmer and Mail and Breeze.—Advertisement.

Park E. Salter of Wichita, Kan., consigns to the Kansas National Shorthorn sale one bull and four females representing the following great sires: The champion, Imp. Bapton Corporal; Imp. British Emblem; the \$10,000 Second Fair Acres Sultan; the \$81,000 Missie's Last.—Advertisement.

Lant Bros. Offer Good Durocs

Lant Bros. of Dennis, Kan., owners of one of the good Duroc herds in Kansas are offering a very fine lot of richly bred sows and gilts. They are of Orion Cherry King,

Pathfinder and King The Col. breeding. These sows and gilts are bred for early farrow to herd boars that are among the best Duroc boars now in service.—Advertisement.

Hageman's Durocs

G. W. Hageman, St. John, Kan., starts an advertisement in this issue of the Kansas Farmer and Mail and Breeze. He is offering some well grown out boars of Great Wonder and Defender breeding for prices ranging from \$25 to \$40. These boars weigh 150 to 225 pounds. He has some bred sows and gilts that will farrow in March and some weanling pigs both sex. This offering includes almost anything in way of sex, size and breeding that one would want. Write Mr. Hageman today indicating your specific needs and see if he has what you need. Please mention that you saw his advertisement in the Kansas Farmer and Mail and Breeze.—Advertisement.

Jersey Bulls for Sale

Albert H. Knoeppel, Colony, Kan., has a good little herd of Jerseys—all registered. One of his cows, Mabel Colony Belle, was made grand champion over all breeds of cattle at the two fairs—1919 and 1920 at Allen county, Kan. The present herd sire is Chief Raleigh's Sultan by Chief Raleigh, the Longview Farm bull that showed undefeated at a large number of state fairs and shows 1920. Mr. Knoeppel is building this herd slowly by keeping the females and adding a good one occasionally. Naturally the bulls are for disposal. At this time he has two good ones out of high producing dams. Write Mr. Knoeppel today and you will get reply at once. Please mention Kansas Farmer and Mail and Breeze.—Advertisement.

Well Bred Spotted Polands for Sale

One of the best Spotted Poland herds to be found in Kansas or the Southwest is the Wm. Hunt herd at Osawatomie, Kan. This is a herd that Mr. Hunt has developed from a foundation started some twenty odd years ago and improved by careful selection as the herd grew and by addition of good blood into the herd. Herd sires are Leopard King, the 1918 junior champion at the National Swine Show and Fairholme's Royal Booster, a son of the grand champion at the same show. With these two excellent sires mated to carefully selected sows one can be assured that the pigs produced would be good. And they are as evidenced to one when he visits the Hunt herd. The Spotted Polands now for sale at the Hunt farm are bred fall and spring gilts bred to or sired by these two boars. They are all standard and national registered. Mr. Hunt has sent out many hogs to satisfied breeders and farmers over the country. He always guarantees satisfaction to the buyer. Right now is a good time to buy purebred hogs and a few purebred sows bought from this good herd would be a profitable investment for any farmer to start with as a foundation. Write Wm. Hunt, Osawatomie, Kan., today about these good gilts. Please mention Kansas Farmer and Mail and Breeze.—Advertisement.

Malones' Jacks by Grand Champions

It is very doubtful if jacks offered for sale by one firm in Kansas or the Southwest can be found in numbers or quality equal to the jacks now offered for sale by the brothers, J. P. Malone, Lyons, Kan., and M. H. Malone, Chase, Kan. These men have 30, nearly every one sired by grand champion jack, General Logan sired some. He is a Tennessee jack that won grand championship at every show where he competed, and that was in many southern state shows and was defeated but once, by his son, The General that also sired several of the Malone jacks. General Wood, another great jack, sired several of the Malone jacks. These are three great jack sires and jack buyers will please note that each one of these three jacks was never used on a mare. Each was used on jennets exclusively. Only the best jacks are used on jennets. The thirty jacks for sale range from one to five years. Most of them have been used in the Malone stables. A Semen test guarantee goes with each jack. The jacks are 15 to 16 hands high and have 9 to 10 inch bone. Registered in both associations. Dams are from Starlight and Taxpayer families. Here is a wonderful offering having quality and numbers sufficient to guarantee that the prospective buyer can get what he wants and priced right too. Trains will be met at either town. Please mention Kansas Farmer and Mail and Breeze when you write. J. P. Malone, Lyons, Kan., and M. H. Malone, Chase, Kan.—Advertisement.

Stafford County's Second Duroc Sale

Stafford County Purebred Livestock association holds a Duroc sale at Stafford, Kan., Friday, January 21. This will be a sale of Wood Durocs that will be worth any farmer's time to attend even if he has to go some distance to get to Stafford. Some of Kansas' best Durocs are to be found in Stafford county and the buyer will find in this sale some state fair prize winners and sons and daughters of state fair prize winners. Fifty-two men of Stafford county comprise the membership of this purebred livestock association and a large number of the members raise Durocs. Co-operation is the watchword of the association and they have a livestock pavilion that is very conveniently situated and comfortably arranged in which they hold sales. The first sale (last January) was a sale in which very good Durocs were consigned. They sold well to a very discriminating group of buyers and in this coming sale even better Durocs will be consigned. With our hog pens so nearly empty of all kinds of hogs and with so much cheap feed on hands it seems that the only way to make good use of the feed would be to buy a few good hogs and use up this abundant feed. Blood always tells and there is many a reason to be given for starting with registered hogs. All of us are discovering that purebred hogs even for fitting for the market are easier kept and grown out than scrubs. It will pay to investigate this sale at Stafford. Write Dr. S. N. Myers, Sec'y, Stafford, Kan., for a catalog and whatever other information you desire. Please mention the Kansas Farmer and Mail and Breeze.—Advertisement.

Herefords at Kansas National

Good Herefords will be shown and sold at the Kansas National Livestock Exposition at Wichita, Kan., during the week January 24 to 29. The State Agricultural college exhibit will include some of the best Herefords to be found in the state. This college sells in the Hereford sale five females sired by Prince Rupert 12th that sired the 1919 American Royal grand champion steer, Klaus Bros., Bendena, Kan., consign

Duroc Jersey Bred Sow Sale

40 Head

15 Tried Sows, 17 Fall Yearlings,
8 Winter and Spring Gilts

In town under cover

**Burlingame, Kansas
Tuesday, Jan. 25**

Everything bred to **Crimson Pathfinder**. Entire offering immunized. Eleven of the sows sired by **Dicator**, he by Fancy Cherry Chief and his dam, a **Select Col.** sow. 27 sired by **King's Col.** 40th by **King's Col.**, dam **Golden Lady**, a **Golden Model** sow. Two are by **Pal's Giant**.

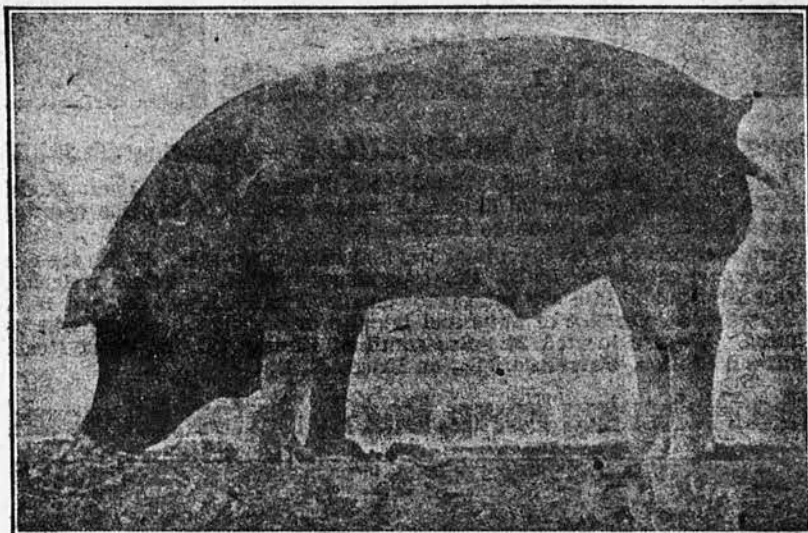
Note—Burlingame is in Osage county on the main line Santa Fe between Osage City and Topeka. Good connections out of Topeka morning of sale.

For the sale catalog, address

A. J. Hanna, Burlingame, Kansas

Auctioneers: H. T. Rule, C. M. Crews.

J. W. Johnson, fieldman Kansas Farmer and Mail and Breeze.



Crimson Pathfinder in his 16 months old form.

A Duroc Sale That Is Different

The Cream of the Best in the West

Choice Big Type Duroc bred sows from 11 of Colorado's best herds will sell at Denver on Jan. 18th, during the National Western Stock Show. The Colorado Duroc Breeders' Association backs this sale. It takes real Durocs to pass the culling committee. A lot of the Prize Winning Material of 1920 will be offered. These sows are the real herd building material of the breed. Write for catalogue to

Colorado Duroc Breeders' Ass'n.
C. F. Burke, Secretary and Sale Manager
Pueblo, Colorado

Joe's Orion Friend Walt

Now heads our herd, an outstanding individual for size and conformation; sired by Joe Orion 2nd; dam by Jack's Friend; grand dam on maternal side by Walt's Top Colonel. We are offering tops of our spring gilts and fall yearlings bred to him or Long King Orion; a big, type grandson of Orion Cherry King. Have a few good boars left. Write immediately.

ROSS M. PECK, GYPSUM, KANSAS

BIG TYPE DUROC BOARS

A stretchy bunch of boars ready for service by Cherry King Orion, Pathfinder, Great Sensation, Uneda High Orion. The best of Duroc blood lines. Immuned and priced right. **J. A. Reed & Sons, Route 2, Lyons, Kansas**

Boars: Boars: Boars:

Pathfinders, Sensations and Orions sired by Giant boars and out of 700 and 800-lb. sows. These boars are big, rugged, thrifty fellows weighing from 200 to 300 lbs. in breeding form; immunized; priced to sell; Liberty bonds taken in payment. Write now, describing your wants.

G. M. SHEPHERD, LYONS, KANSAS

15 Pathfinder Chief Boars

MUST GO NOW

Sixty Pathfinder Chief, Orion and Sensation gilts bred to Pathfinder Chief, Great Pathfinders and Intense Orion Sensation. Must go soon. Come see them.

W. W. OTEY, WINFIELD, KANSAS

DUROC HOGS

A few choice boars fit to go into any herd; also boars for the farmers. We are offering them cheap. Write or come and see us.

JNO. W. JONES, MINNEAPOLIS, KANSAS

Woodell's Durocs

Some good spring and summer boars at farmers' prices to move at once; most of them sired by Chief Wonder, first aged boar at both Kansas fairs, 1920.

G. B. WOODELL, WINFIELD, KANSAS

Sensation and Pathfinder

Good spring boars at \$40 each; extra gilts by Cimax Sensation and Pathfinder Orion and bred to High Orion for spring farrow; also tried sows bred; August pigs, either sex. Prices will suit.

Henry Woody, Barnard, Kan., Lincoln County

1883—Searle Durocs—1921

38 years of constructive breeding combined in every animal you buy from us. Registered, immune, bred sows reasonable.

Searle & Searle, R. 15, Tecumseh, Kansas

REPLOGLE'S DUROCS

Spring gilts and boars; fall boars; weanlings sired by a son of the 1917 National grand champion, Jack's Orion King 2d and a grandson of Fancy Col. Good Durocs; priced reasonably. **Sid Replogle, Cottonwood Falls, Kan.**

DUROCS Defenders! Largest herd of intensely bred Colonels in the West. Breeding stock of all ages for sale. **DAYTON CASTLEMAN, BUNCETON, MO.**

Stafford County Duroc Sale

Stafford, Kan., Friday, Jan. 21

At New Sale Pavilion

Stafford County Purebred Livestock Association will sell 40 tried sows and gilts, (all bred) at Stafford, Kan., Friday, Jan. 21, 1921. Over 50 purebred livestock breeders comprise the Association, many of them being breeders of Durocs. This is the Duroc breeders' second annual sale. Some of the best Durocs to be found in Kansas are raised in Stafford County. State fair prize winners and sons and daughters of State fair prize winners will be found in this sale.

For a catalog or for whatever other information desired write

Dr. S. N. Myers, Secretary, Stafford, Kan.

John Snyder, Auctioneer. J. T. Hunter, Fieldman

Two Big Duroc Sales Feb. 16, 1921

One railroad fare

Longview Farm, Lee's Summit, Missouri

and

J. R. Breed, Hickman Mills, Missouri

100—Bred Sows and Gilts—100

Write for catalogue now

Both Herds Located at the Suburbs of Kansas City

250 BRED SOWS

Durocs with bone. Tried sows, spring and fall gilts bred to Pathfinder and Sensation boars, guaranteed immune, and in farrow. Pay after you receive them.

F. C. CROCKER, BOX B, FILLEY, NEB.



Great Duroc Offering

Yearling sows and gilts of Orion Cherry King, Pathfinder and King The Col. breeding. Out of dams weighing 500 to 800 lbs. Bred for early farrow to four great herd boars. They are priced right. Also a few first class boars.

LANT BROS., DENNIS, KANSAS



The Pickering Farm

Breeders of
Reg. Hereford Cattle



Repeater 7th 386905 — HERD BULLS — Disturber 4th 364835

Assisted by Beau Donald 173d 419230, Norman 496158, Beau Model 461320, Paladin Paragon 2d 607449, Ardmore Jr. 799310, a prize winning son of the champion Ardmore 566000.

Two carloads of good breeding cows and heifers for sale. Write for our private sale catalog of bulls. Correspondence invited. Visitors welcome.

Our first public sale will take place on the farm on May 17th and 18th, 1921, when a select lot of bulls and females of our own breeding will be offered. We are located 20 miles south of Kansas City on Rock Road, Railroad Station, Harrelson, Mo., on Frisco R. R.

The Pickering Farm, Box A, Belton, Missouri



Show and breeding barns on Pickering Farm.

SHORTHORN CATTLE

SHORTHORN CATTLE

Remember The Denver Shorthorn Sale

January 19 in Arena at Western Stock Show

50 high class Shorthorns selected from well-known herds, the kind that will strengthen the herds of the western farms and ranches. About half of the offering will be bulls, real herd-headers, of strong ages, good breeding, and colors. The females will represent the useful sorts of varying ages. All that are old enough will be bred or have calves at foot. Mr. Ranchman, Mr. Breeder, you can make valuable selections in this sale.

Remember also the Wichita sale January 27 held in connection with the Kansas National Livestock Show. It will be a high class offering selected from the best herds in the middle west.

American Shorthorn Breeders' Association

W. A. Cochel, Sale Manager,

13 Dexter Park Ave., Chicago, Ill.

1886 Tomson Bros. Shorthorns 1921

200 head in the herd representing the most popular Scotch families. Just now we are offering a nice lot of Scotch bulls by Village Marshall and Beaver Creek Sultan. Prices moderate and within the reach of all. Address

Tomson Bros., Wakarusa, Kansas or Dover, Kansas

Genuine Herd Bulls by Master of the Dales and out of Collynie Bred Cows

Master of the Dales bulls are proving themselves splendid breeding bulls and we can show you a few real bulls of first class herd heading character.

They are a practical, husky and well grown lot that will appeal to breeders wanting bulls of real merit.

H.M. Hill, LaFontaine, Kan.

Amcoats Shorthorns

12 bulls, 7 to 13 months, including pure Scotch. Roans, red and white. Also Scotch and Scotch topped females. Write for descriptions and prices.

S.B. Amcoats, Clay Center, Kan.

Abbotsford Shorthorns

Choice young bulls, reds, roans and whites. Six to fourteen months old. Also bred cows and open heifers. Can ship over Missouri Pacific, Rock Island and Santa Fe. Farm three miles south of Herington. For descriptions and prices, address,

T. A. Ballantyne, Herington, Kansas

MONDAMIN SHORTHORNS

Scotch Bulls

Size—Quality—Individuality—Breeding

15 yearling and 2-year-old bulls by Golden Sultan, Royal Butterfly and Cumberland Crest; also a number of range bulls for sale. All are priced to sell.

HELD BROS., HINTON, IOWA

High Class Bulls Shorthorns

15 for sale by Choice Cumberland and other noted sires. They are of the right merit and of the richest ancestry. Good females in calf to Dale's Emblem, a great prize winning son of Dale Clarion.

A. R. FENNERN, AVOCA, IOWA

Geary County Shorthorns

Pure Scotch and Scotch-Topped bulls from 6 to 13 months old. Reds, roans and whites. Also a few females. Write or come at once.

GEO. J. CASPER & SON, ALIDA, KANSAS

FOR SHORTHORN BULLS

All ages. Address

HUNT BROS., BLUE RAPIDS, KAN.

SHORTHORNS FOR SALE

20 cows, 10 heifers, 7 bulls; cows are bred to Rosario 696461, a pure Scotch bull; calves are by Rosario and Snowflake. Write or call.

C. E. HILL, TORONTO, KANSAS

WELL BRED REGISTERED SHORTHORNS

I have for sale 2 red cows, 2 red heifers, a roan heifer and 1 roan bull; will sell very reasonably. Write for particulars. Frank G. Smith, R. 2, Parsons, Kan.

to the sale 10 head by their grand champion Beau Onward. W. H. Tonn, Haven, Kan., consigns 20 head bred to or sired by Johnson Fairfax, sired by Perfection Fairfax. W. W. Trumbo, Peabody, Kan., consigns one bull and five females (Polled). J. Blaine Adams, Dexter, Kan., consigns two bulls and six females. Schlickau Bros., Haven, Kan., consign 28 head. W. P. and J. T. Leahy, Pawhuska, Okla., consign two bulls and two females. W. R. Harry, Hart, Okmulgee, Okla., consigns three females. Frank Brown, Byron, Okla., consigns 32 head, a considerable number of them by his Young Gay Lad by the international grand champion Gay Lad 6th. Carl Miller, Belvue, Kan., consigns one bull and four heifers by his grand champion Gay Lad 9th, the only bull that ever sired two international grand champion females. Fulscher & Kepler, Holyoke, Colo., bred Princeps Domino, the international 1920 grand champion Hereford bull. This bull sired Ruth Domino, the grand champion female at the last Western National Stock Show, Denver, Colo.; Princess Domino, first prize junior champion and futurity champion at same show in 1919. The present herd bull, Prince Domino, was also sired by Princeps Domino. Fulscher & Kepler consign to the Wichita National Hereford purple ribbon sale a carload of young bulls and heifers all sired by Prince Domino and nearly all out of Beau Aster dams.—Advertisement.

How Great is the Kansas National?

The largest and best known breeders, who exhibit the majority of the grand champions at the big shows held elsewhere in the United States, will exhibit at the Kansas National Livestock Show, January 24 to 29. Among them are Carpenter & Ross. This firm has exhibited more first prize and champion Shorthorns of their own breeding at the Chicago International and leading state fairs than any other individual or firm in America. They have also imported and sold more Scotch Shorthorns than any other firm. During the past year they bought a large farm in Scotland where they are breeding Aberdeen Angus cattle. At the recent Chicago International they won numerous first prizes including first prize on get of sire, all of the cattle in this group were bred by themselves and sired by the grand champion, Revolution, a bull of their breeding. They will exhibit a carload of Shorthorns and a carload of Aberdeen Angus at the Kansas National. Other breeders of Shorthorns with national reputation that will exhibit here are the Loveland Stock Farm, Barber & Son, and Dr. O. W. Nauman of Missouri; H. C. Lookabaugh of Oklahoma. Two new breeders from Arkansas will be represented; G. W. Ferguson of Fayetteville and G. D. Counts of Wesley. Among prominent Shorthorn breeders of Kansas that will exhibit are Tomson Bros., J. C. Robison, John Regier, G. A. Gaedert, the Kansas Agricultural college, Park E. Salter, and about 20 others living in Kansas and fully that many residing in Oklahoma. The Hereford exhibitors include Warren T. McCarty of Indiana who was recently elected governor of Indiana; Walter L. East of Kansas City, president of the American Hereford Cattle Breeders' Ass'n; Fulscher & Kepler, Colorado, who bred Princeps Domino, the grand champion Hereford bull at the recent International; C. M. Largent & Son, Texas, who bred and exhibited the grand champion cow at the Dallas state fair; Frank Brown, of Oklahoma, will be there with 32 head, most of them sired by the \$5,700 Young Gay Lad. P. W. Leahy and Harry Hart also of Oklahoma will each show a carload of Herefords that were prize winners on the state fair circuit last year. Among the most prominent Hereford exhibitors of Kansas are R. H. Hazlett, Klaus Bros., Carl Miller, J. Blaine Adams, Schlickau Bros. and W. H. Tonn and many others. Space forbids mentioning the exhibitors of Aberdeen Angus, Holstein Friesians, Percherons, Belgians, Jacks, mules, Duroc Jersey and Poland China hogs, Shropshire and Hampshire sheep. However, the Kansas National has entries from eleven states, including more purebred animals entered in the sales that will be held during the show than were on exhibition last year, including the sale animals. To give the readers a more clear conception of the magnitude of the Kansas National, we will state that the American Royal Livestock show has been held annually at Kansas City for 22 years. At the last show held in November a total of 607 registered breeding animals were on exhibition and sale. There are now entered in the Kansas National sales a little more than 1,100 registered animals, a great many of them have been prize winners at the state fairs and national stock shows. They are the surplus owned by the breeders who will dispose of them and condition other animals for the state fairs and shows next year. In addition to the sale animals there will be nearly as many more on exhibition that will not be for sale. The Kansas National sales this year will not only be the largest in the world but nearly double the size of any similar sales held elsewhere in this or any other country.—Advertisement.

BY E. S. HUMPHREY

Colorado Horse Breeders' Sale

Anyone on the market for purebred horses should look up the advertisement of the Colorado Horse Breeders' association in this issue. Their offering at the Denver Stock Show, January 20, will include a number of imported mares, a choice lot of young fillies and a number of stallions that are good enough to head any herd of registered mares. A number of prize winners will be sold in this sale. Write D. A. Jay, Boulder, Colo., for catalog.—Advertisement.

Remember the Denver Shorthorn Sale

The American Shorthorn Breeders' association has taken special pains to provide an offering of Shorthorns to be sold Wednesday, January 19, at the Western Stock Show in order that the western breeders and ranchmen may make selections in accordance with their needs. Each year the Shorthorn grows in popular favor in the western country because of the increased size which is a breed characteristic. Never in the history of the breed has there been such a general call from all sections, farmers, dairymen and ranchmen, for Shorthorns. The offering will be made at Denver is one of the best, if not the best, that has ever been submitted for sale there in connection with the Western Stock Show. It is an opportunity for buyers.—Advertisement.

Durocs Sell at Denver

The Colorado Duroc Breeders' association is building up a real Duroc institution in their annual sale of high class breeding stock at the National Western Stock Show at Denver. This year the sale will be held on

POLLED HEREFORD CATTLE.

THERE IS A BEST BREED



The best breed for you is the one that fits in best with practical farming affairs, makes the most of farm raised feeds and produces a readily selling surplus (grades or purebreds) at always good prices.

The Polled Hereford

Has proven in many ways its claim to this distinction. Throughout the breed's history it has drawn a larger per cent of its users from the ranks of practical, general farmers than has any other breed. At the recent International Sales the most "snappy bidding" and most genuine demand seemed to be for Polled Herefords. These are but samples; a letter to Sec'y Gammon will bring dozens of equally significant facts in their favor; write for them and at the same time

Get the Sale Catalog

giving pedigrees, pictures, breed history, and the program of show, sales and entertainment included in the Sixth Annual Polled Hereford Week, the annual classic of the breed at which will be exhibited and sold

200 Polled Herefords

selected to represent many of the breed's best herds. The place and date are

Des Moines, Ia., Feb. 1-3

Attendance at this show and sale is the best Polled Hereford short course in America, and gives not only the best information as to the real qualities of the breed, but also as to the kind of men engaged in the business, and the superior co-operation which breeders, large or small, get from their association office. The catalog alone is a wonderfully interesting book, equally important whether you attend the sale or not. Your request for this catalog will be welcome and catalog promptly sent. Mention this paper and address

B. O. Gammon, Sec'y

344 Valley Nat'l Bank Bldg., Des Moines, Ia.

80 herds and 10 states will be represented in this great Polled Hereford auction. Sale at Iowa State Fair grounds under most modern sale ring conditions and absolutely on the square.

Double Standard Polled Herefords

Choice young bulls for sale. Write for description and prices.

WM. C. MUELLER, Hanover, Kan.

HEREFORD CATTLE.

Goodman Herefords

Sires in service

Disturber Stanway 839673

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Breeding cows, strong Anxiety breeding. We offer for private sale 20 cows and heifers and 10 bulls of serviceable ages. Descriptions and prices by return mail. **J. R. GOODMAN, WHITE CITY, KAN.** (Morris County)

200, S. M. S., Purebred, Unregistered Cows 140 Calves for Sale

The dams of these cows were from the S. M. S. Ranch purchased or Ellerslie herd, that has been kept separate from the commercial herd since 1888. They were all sired by registered bulls from the Harris Model Farm. I will sell at a fair price in carload lots 200 young cows and 140 calves. If not sold previously they will be sold at the Western Stock Show, Denver, January 15 to 22. Write me. **R. G. D. Douglas, Rush P. O. Via Calhan, Colo.**

Hereford Bulls for Sale

10 2-year-olds; 14 yearlings; 12 9 months old; well grown; heavy boned; in good condition; priced to sell. **L. COWMAN, HERINGTON, KANSAS**

Hereford Cows Wanted

Registered or grades. Send catalogs and sale bills to **W. M. GARRISON, SALINA, KAN.**

HEREFORD BULLS and heifers, sired by Rupert Donald, a half bred of Dolly Rupert, a grand champion. Priced to sell. **W. R. Hildreth, Oswego, Kan.**

SHORTHORN CATTLE

SHORTHORN BULLS

Choice young bulls for sale, sired by bulls carrying the popular blood lines.

C. W. TAYLOR, ABILENE, KANSAS Dickinson County

When writing advertisers mention this paper.

POLLED SHORTHORNS.

50 Polled Shorthorns

Reds, Whites and Roans, 20 males, 30 females for sale. Not of kin. Sired by Roan Orange, Sultan's Pride, Grand Sultan, and Scottish Orange. Nearly 200 in herd. Prices cut. Calves \$75.00 to \$300.00. Yearlings \$75.00 to \$400.00. Cows and heifers \$100.00 to \$1000.00.

J. C. Banbury & Son
Plevna, Kansas

One mile west of town. Phone 2803.
6 mi. south and 20 mi. west of Hutchinson.

RED POLLED CATTLE

FORT LARNED RANCH

200 HEAD OF REGISTERED RED POLL CATTLE
A number of choice one and two-year-old bulls and heifers from one to three years old.
E. E. FRIZELL & SONS, FRIZELL, KAN.

20th Century Stock Farm
Registered Red Polls

We are offering bulls of choicest breeding; also cows and heifers from heavy milking dams.
Twentieth Century Stock Farm, Quinter, Kan.

Dispersal Sale of Red Polls

40 dairy cows, heifers and young bulls. Also two herd bulls. A good herd priced to sell.
T. G. MCKINLEY, ALTA VISTA, KANSAS
Wabaunsee County

RED POLLED BULLS

Some extra fine registered bulls for sale. Write for prices and descriptions, or better come and see them. Herd bulls used in the herd were from the breeding of some of the best Red Polled herds in the country such as Luke Wiles, Chas. Gruff & Sons and Mahlon Greenmiller.
GEORGE HAAS, LYONS, KANSAS.

Pleasant View Stock Farm
Registered Red Polled cattle. For sale, a few choice young bulls, cows and heifers.
Halloran & Gambrell, Ottawa, Kansas

FOSTER'S RED POLLED CATTLE

A few choice young bulls.
C. E. Foster, Route 4, Eldorado, Kan.

RED POLLS. Choice young bulls and heifers. Write for prices and descriptions.
Chas. Morrison & Son, Phillipsburg, Kan.

GALLOWAY CATTLE

REGISTERED GALLOWAY BULLS, COWS
and heifers. Fashion Plate, Silver Lake, Kan.

HORSES AND JACK STOCK

Colorado State Horse Breeders' Association

Second Annual Sale. At Stock Show
Denver, Colo., January 20
At 10:00 a. m.



The offering will include thirty-five Percheron mares and fillies, one Shire mare, seven Percheron stallions, one Belgian stallion. The entire consignment has been inspected by a competent inspection committee. There will be a number of imported mares and practically all mares of breeding age are in foal. Some nice fillies are listed and some of the stallions are good enough to head a herd of registered mares. Several of the animals have very prominent show records, and practically all are close descendants of famous winners.

CONSIGNORS:

W. A. SARGEANT & SON, Ft. Morgan, Colo.
ARTHUR BUTH, Broomfield, Colo.
A. J. ZANG, INC., CO., Denver, Colo.
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CRAFT & BELTNER, Bayard, Neb.
R. F. McCUNE, Plattville, Colo.
H. BERT CAVE, Littleton, Colo.
Write at once for catalog to
D. A. JAY, Sale Manager, Boulder, Colorado

Jacks By

Grand Champion Jacks

One to 5 years old, by General Logan, The General and General Wolf; grand champions at southern state shows; dams, Starlight and Taxpayer families, 15 to 16 hands, 9 to 10-in. bone; used in our stables. Semen test guarantee; meet trains either town. Address
J. P. Malone, Lyons, Kan., M. H. Malone, Chase, Kan.

Ton Black Percheron Stallions

3 and 4 yrs. old; 1,600-lb. 2-yr.-olds. Black registered Percheron mares and fillies bred to champion sire. **FRED CHANDLER, R. 7, CHARITON, IA.** Above Kansas City.

When writing advertisers mention this paper.

January 18, and the catalog now out shows an array of big type breeding seldom attained in a public sale. If the western breeders and farmers want the most approved type and the best blood lines they have only to be in Denver on January 18 and attend this big Duroc sale at the stock show. The fact that only two or three of the best sows from the herd of each breeder is accepted for the sale and that a good stiff culling committee will reject any inferior animals, will assure the buyers on mail bids of the fairest of treatment. The guarantee back of these sows means something to prospective buyers. Better get a free catalog of this sale early by writing to the Colorado Duroc Breeders' Association, C. F. Burke, Sec'y and Sale Mgr., Pueblo, Colo.—Advertisement.

BY J. COOK LAMB

Walker & Sons' Poland China Sale

Thos. Walker & Sons will sell a great display of Poland China sows and gilts on February 4, 1921, at their hog farm south of Alexandria, Neb. in their heated sale pavilion. This is a grand offering and many of them. They will sell 75 head and among the offering will be sows and gilts from their herd boars, Blue Valley Big Bone, Blue Valley Timm, Long Big Bone and Gerstdale Jumbo. These are the boars that have populated the Walker farms with such a grand herd of Poland Chinas. In this sale will be a good number of their tried and proven sows. One sow in the sale, Wade's Choice, is something very high class. She is 38 inches high and is a 1,000 pound sow when fat. They are selling two fall gilts by Liberator, one will be bred to Blue Valley Big Bone, the other to Jumbo Black Jack. He is by Col. Jack and it looks very promising that he will be one of the great boars of the Poland China breed. He is very high, has the best of legs and feet and is as long as they grow and is a boar that is going to be as large as the biggest of them. Some other leaders in the sale will be two gilts by Designer. They are litter mates to the two Designer boars that a large per cent of the offering will sell bred to. One has to see these boars and gilts to appreciate their value. As Mr. Walker has lost his sale catalog mailing list you had better write and ask him to mail you one at once to make sure to get it. Make plans to be at this sale on February 4. If it is not so you can, send your bid to J. Cook Lamb in care of Walker & Sons.—Advertisement.

BY S. T. MORSE

H. C. Lookabaugh of Watonga, Okla., will sell in the Shorthorn sale at the Kansas National, on January 27, two bulls and three females. One of the bulls and one of the females are by the International grand champion, Maxwalton Commander. The other bull is sired by the \$10,000 Second Fair Acres Sultan. One of the heifers is by the \$17,500 Fair Acres Sultan Jr. and bred to Maxwalton Commander. The other is by Cumberland Marshall and bred to Maxwalton Commander.—Advertisement.

BY T. W. MORSE

Tomson Bros., Wakarusa, Kan., consign to the Kansas National Shorthorn sale at Wichita, Kan., January 27, five of their best Scotch Shorthorns. This includes a bull sired by the champion, Village Marshall, and some females bred to him.—Advertisement.

Barber & Son of Skidmore, Mo., will sell in the Kansas National Shorthorn sale at Wichita, Kan., January 27, the American Royal prize winning bull, Village Baronet, a white junior yearling sired by Village Perfection, by Imp. Villager. They also will sell three roan heifers sired by Spicy Villager.—Advertisement.

To the Kansas National Shorthorn sale, Wichita, January 27, the Kansas State Agricultural college has consigned one cow sired by Matchless Dale and two heifers by a grandson of the 37 times grand champion, Cumberland Type. They are bred to Matchless Dale. It is a matter of record that Matchless Dale has sired more champion steers than any other bull of any breed. One of his daughters sold at auction during the past season for \$3,900.—Advertisement.

Lookabaugh's Herd Bull Material

We call attention again to the great lot of herd bull material that is being offered for sale by H. C. Lookabaugh of Watonga, Okla. With a breeding herd that contains many of the most famous cows in America, champions and producers of champions at the national shows, and with such bulls as Maxwalton Commander, Roan Lord, Missie's Last and Pleasant Sultan in service, Mr. Lookabaugh has a never failing supply of herd bull material of the same high class, and carrying much the same blood lines, as the bulls whose records have made the Lookabaugh herd famous. Whenever Shorthorn cattle are bred, these bulls as they grow out can be bought at the same price that bulls of equal individuality can be bought for elsewhere, and they have the added value of the national advertising that goes with the Lookabaugh breeding. Write Mr. Lookabaugh for his list of bulls on hand. You will find what you want among them. When writing please mention this paper.—Advertisement.

Most Important Polled Hereford Sale

Each year's most important sale of Polled Hereford cattle is held at Des Moines, Ia., during what is known as Polled Hereford week. The dates of the sale this year are February 1, 2 and 3. The offering will be the most valuable (intrinsically) per head the Polled Hereford association yet has offered. For this sale is held under the auspices of the national record association for the breed. The offering (which numbers 200 head) has been especially selected from about 80 of the breed's most representative herds, the committee going into ten states to see and inspect these cattle. This three-day sale and the attendant show, the meetings and the opportunity offered for study and making acquaintance, constitute a short course in Polled Herefords which cannot be equalled elsewhere in the world. To fully realize what a big and instructive event this year's "Polled Hereford Week" is one must write to Secretary Gammon for a free copy of the sale catalog, which is at the same time a compendium of the breed so complete and interesting that everyone will want to preserve it. Pedigrees and pictures of the animals to be sold and of many of the sires represented, make only a part of the book. The balance will be even more interesting to some. Write for it at once, addressing Sec'y B. O. Gammon, 344 Valley Nat'l Bank Bldg., Des Moines, Ia., and mention this paper, if you wish.—Advertisement.

HOLSTEIN CATTLE

HOLSTEIN CATTLE

The Second Annual
Kansas National Holstein Sale
of Show Cattle

In the Sale Pavilion of the Forum

Wichita, Kansas, January 27

75 Registered Holsteins representing many of the great blood lines of the breed.

Send for catalog today and watch this space in next week's issue. Address, mentioning this paper—

W. H. Mott, Sales Mgr. Herington, Kan.

Columbine Herd of Holsteins

See our exhibit of 15 head of Colorado's best Holsteins at Wichita Show, Jan. 24 to 29, 1921.

Sir Pietertje Ormsby Fobes, former grand champion of Kansas and Colorado, will head the herd. See the young bulls of show type that we have with us for sale.

SPENCER PENROSE, Owner, Chas. C. Wilson, Manager, Colorado Springs, Colorado.



N. P. Hanson,
Westbury, Minnesota,
writes

"Nine years ago I purchased my first purebred Holsteins, three young heifers and a bull. One of those heifers cost \$175 and now has five daughters, four granddaughters and four great granddaughters. For the whole family a conservative estimate of their value is \$15,000—not so bad for a \$175 investment nine years ago."

Send for free booklets.

The Holstein-Friesian Ass'n of America
292 American Bldg., Brattleboro, Vt.

Holstein Bull Bargains

Purebred bull calves, \$25 up; serviceable age as low as \$75. Sixty head for sale. Quality and breeding will surprise you.
The Bourbon County Holstein Friesian Co.,
Fort Scott, Kansas

FOR HIGHLY BRED HOLSTEIN CALVES

Heifers and bulls, 6 to 8 weeks old, beautifully marked, from heavy producing dams, \$25 each. Safe delivery guaranteed. Write Fernwood Farms, Wauwatosa, Wis.

TWO HOLSTEIN YEARLING BULLS

For Sale. Both from A. R. O. cows and the proven sire, Woodmont Butter Boy Rose; a good son of Spring Farm Butter Boy. **PAINE BROS., ADMIRE, KAN.**

HOLSTEIN AND GUERNSEY CALVES

6 and 8 weeks old, \$25 each; reg. bulls, \$50. We ship C. O. D., subject to inspection.
Spreading Oak Farm, R. 1, Whitewater, Wis.

2 Reg. Holstein Bull Calves

\$50 each. **W. H. Williamson, Raymond, Kan.**

HOLSTEIN AND GUERNSEY calves, 31-32nds pure, 7 weeks old, \$25.00 each, crated for shipment anywhere. **EDGEWOOD FARMS, Whitewater, Wis.**

JERSEY CATTLE

Hillcroft Farms Jerseys headed by Queens' Fairy Boy, pronounced the best bred Jersey bull in Missouri, a Register of Meritson of Raleigh's Fairy Boy, the greatest bull ever imported, 54 tested daughters, 86 tested granddaughters and 34 producing sons. Choice bull calves for sale. Reference Bradstreet **M. L. GOLLADAY, PROPR., HOLDEN, MO.**

TESSORO PLACE JERSEYS

One of the largest Register of Merit herds in the state. We won \$1,800 at four state fairs this fall. A choice lot of bull calves, grandsons of Financial Countess' Lad out of Register of Merit cows. Other stock for sale. **R. A. GILLILAND, MAYETTA, KANSAS**

Registered Jerseys

Young cows for sale. Hood Farm and Owl breeding. One bull 9 months old. Accredited herd. **R. O. McKEE, MARYSVILLE, KAN.**

REGISTERED JERSEY BULL CALF

Financial Countess' Lad breeding. Tested.
Deane L. Smith, Colony, Kansas.

Scantlin Jersey Farm, Savonburg, Ks.
Financial Kings, Raleigh and Noble of Oakland breeding.

FINE JERSEY BULLS

Young, high producing families, good individuals. **A. H. Knoepfel, Colony, Kansas.**

REGISTERED JERSEY BULLS FOR SALE

Hood Farm breeding. \$50.00 each.
Percy Lill, Mt. Hope, Kansas

REG. JERSEYS. Cows, heifers and bulls.
W. R. Linton, Denison, Kan., R. E. Mayetta

ANGUS CATTLE



20 Bulls

12 to 14 months old. Big, strong fellows. Priced reasonable.

J. D. MARTIN & SONS
R. 2, Lawrence, Kan.

AYRSHIRE CATTLE

Linndale Farm
Ayrshires

For Sale: A few good females, cows and heifers; one bull ready for service; your choice of 4 bulls, six months and younger, at \$100 each. Come and see them or write for descriptions at once.
JOHN LINN & SONS, Manhattan, Kan.

8 Months Old Bull Calf

FOR SALE—White with few black markings; sired by Denver Sir Segs, a thirty lb. bull with two 30 lb. sisters and one 34 lb. junior three year old sister and one 35 lb. sister. This calf's dam is out of a sister to Pieterje Maid Ormsby. The most famous Holsteins of them all. The dam has a 23 lb. record made in August weather and is one of the most persistent milkers. Price \$300, and he will be a great money maker at that figure.

Mrs. E. G. Douglas, Rush P. O., Colorado

HOLSTEIN BULLS

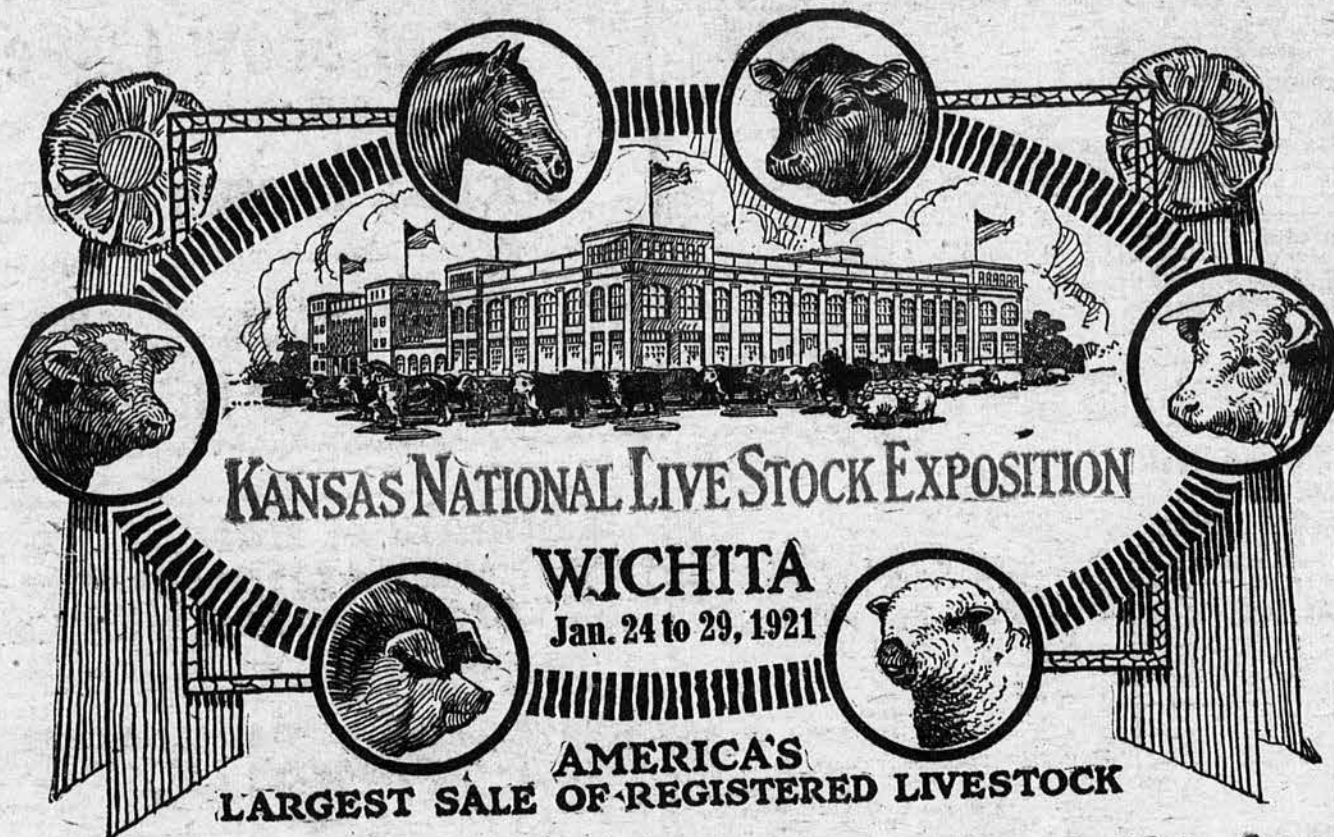
To improve your dairy herd, from daughters of Alcartra Polkadot Corrector, Korndyke Queen DeKol's Prince; King Mead DeKol, and Aggie Cornucopia Johanna Lad 7th. Short of help, feed and room. Bargain prices. Write for what you want.
McKAY BROS., CADDOA, COLO.

BRAEBURN HOLSTEINS

Three yearling bulls from A. R. O. dams. One by Walker Copia Champion, whose dam and sire's dam held world records in their day, and one of whose daughters has held the Kansas state record for a year for any age, and another the state record for a year for senior 2s. Two by Count College Cornucopia, whose dam and sire's dam average 618 lbs. milk and 32.62 lbs. butter for a week. All ages younger, of like quality.
H. B. Cowles, 608 Kan. Ave., Topeka, Kan.

TWO THOUSAND PUREBREDS

Will be on view at the coming



1100 Registered Animals at Public Auction

All Breeds are Judged the Day Before They Sell

THE PROGRAM OF SALES:

Sheep and Durocs Tuesday

At 9:00 A. M.

200 Shropshire and Hampshire Sheep, including 40 imported bred ewes, consigned by the Anoka Farms, Wheaton, Ill. John Gilmore consigns 25 Shropshire bred ewes, most of them sired by the champion Senator Bibby, sire of both grand champions at the recent International show.

100 Duroc Jerseys, including 90 sows bred to famous sires and grand champion boars. Such as Pathrion, Pathfinder Chief 2nd, (etc.).

Herefords on Wednesday

At 9:00 A. M.

100 Herefords in the Purple Ribbon Sale. 70 females and 30 bulls, sired by and bred to the greatest bulls of the breed. Including Prince Domino, sire of the 1920 International grand champion, Princeps Domino, Gay Lad 9th, the only bull that has sired two International grand champions, the \$5,700 young Gay Lad, etc. Fulcher & Kepling of Colorado will sell 8 heifers and 3 bulls sired by Prince Domino, sire of the International grand champion Princeps Domino.

At 1:00 P. M.

100 Herefords in the Breeders' sale. 65 females and 35 bulls. A dozen or more grand champion bulls are represented by their get. A chance to buy well bred cattle in stock condition.

Shorthorns on Thursday

At 9:00 A. M.

100 Scotch Shorthorns in the Purple Ribbon Sale. More grand champion bulls will be represented in this sale than ever were represented in any other Kansas sale. Such as Maxwellton Commander, Revolution, Village Supreme, Bapton Corporal, Village Marshall, Rosewood Dale, Fair Acre Sultan Jr., Pleasant Acre Sultan, Cumberland Gift, Marshall Joffre, Villager Jr., King Baron, Cumberland Marshall, Cumberland Type, etc.

At 1:00 P. M.

100 Scotch and Scotch-top Shorthorns in the Breeders' Sale.

Car-lot feeder cattle will be judged Tuesday, January 25, and from 100 to 200 car-lots sold at auction Wednesday, January 26. T. Y. NORTON, Superintendent of the Car-lot Show.

Five Days of Exhibitions

Monday—The judging will include Duroc Jerseys, Fat Steers, Sheep and Boys' and Girls' Judging Contest.
Tuesday—Hereford Breeding Classes will be shown.

Wednesday—Shorthorn and Holstein Judging.
Thursday—Judging Poland Chinas and Aberdeen Angus.
Friday—Percheron Horses, Jack and Mule Judging.

Every Evening the Big Rodeo Show Opening With a Million Dollar Livestock Parade.
Premium Lists Mailed Free on Request. Separate Catalogue for Each Sale. Write for the One You Want and Mention This Paper.

F. S. Kirk, Mgr., Livestock Exchange, Wichita, Kan.