

KANSAS SECTION THE CAPPER FARM PRESS

KANSAS FARMER AND MAIL & BREEZE



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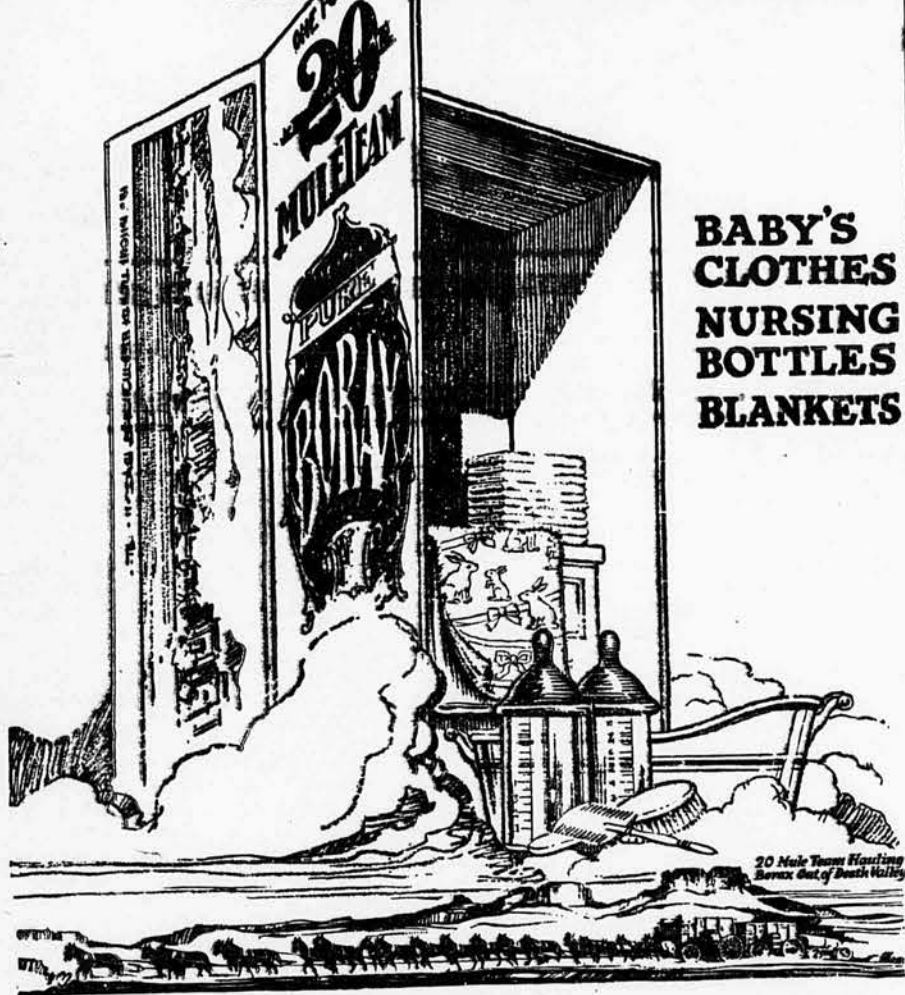
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August 19, 1922

Number 33



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Jayhawker Farm Notes

BY HARLEY HATCH

JUST as corn was coming out in silk and tassel this locality received a rain which measured 1.77 inches. Never came a rain more timely for corn. Barring 1920 it has been several years since we received moisture right at the critical time, it usually coming a week or so too late for best results. Early corn is made and the late is now out in full tassel and is silking heavily. Chinch bugs seem to be present all thru the corn but this good moisture supply should put the plant in condition to stand what punishment they may give it. We should have better corn than we have raised since 1914; barring the crop of 1920 which was the best I have seen in my 26 years residence in Kansas. The weather this season is more like that of the late '90's and the early years of the present century than anything we have had since 1909; in those years we had few corn failures here. If we except 1901, we did not have a poor corn crop from the effects of dry weather in any year between 1896 and 1910.

Slow Threshing in Coffey

Considerable wheat remains in the shock in this part of the county. The rain put threshing back fully two days and it has gone rather slowly since it has started again. The rain did not damage the wheat; the shocks are so solid that the rain did not penetrate; the slow threshing is caused mostly by the air being so full of moisture. Heavy dews fall every night and it is noon before things really begin to dry. Such conditions are ideal for corn and grass but poor for threshing from the shock. Since the recent radical price reduction farmers are selling wheat very slowly. Some are obliged to sell to pay pressing debts while others are selling some for which they have no bin room. The price being paid now for milling wheat is around 85 cents in this locality, the smaller shipping points usually providing a better market than the larger ones. Soft wheat seems to be making the best yield this season but is under a price handicap of about 10 cents a bushel. Kanred wheat has made a better yield than Turkey Red, but Turkey is ahead in quality.

Early Plowing is Best

The rainfall of the first of the week put most stubble fields in good condition to plow.

This is being taken advantage of on most farms, one neighbor being in the field with four teams. Ground plowed early this summer is pretty certain to raise the best wheat next year; early plowing is ahead in at least four years in five. This year our best yield was from wheat sown in corn stubble. The plowed ground showed little or no variation due to time of plowing. Most of our ground was plowed last year before August 1 but one field was plowed about August 20, and I could see very little difference in the yield. I noticed one peculiar thing in connection with the plowing: one 20-acre field was all plowed in July except a strip about 1 rod wide clear around the field which was left for the tractor to turn on. This strip was the last plowing done on the farm last fall, it being completed the first week in September. Strange to say, the wheat on this strip showed up better and greener all winter than the rest of the field and was better at harvest time this year. I don't consider this any warrant for late plowing, however, and would take early plowed land every time, no matter what crop was to follow.

An Excellent Hay Crop

The prairie hay crop of this part of Kansas is the best in quality and quantity combined it has been in many years. In some of the excessively wet seasons the quantity might have been greater but excessive moisture produced a crop coarse and low in quality. This season, owing to favorable moisture conditions, the quality of prairie grass is just as good as it could be. For this reason a large acreage has already been made into hay and it has gone into storage for a more favorable market, either this winter or in some season yet to come. On this farm it is our intention to begin haying just as soon as threshing is done. Enough will be baled to fill the barn and it is our present intention to stack some 30 to 40 acres to be fed to cattle this winter. We have the grass and must make it into hay and as we cannot see anything in the commercial market we figure that it will not be a bad thing to have plenty of hay for the stock next winter. Some of these times we are going to have a hard winter again and feed will be needed.

What The Farm Student Studies

BY F. D. FARRELL

UNDoubtedly in America most of us believe that a union of intellectual training and productive skill is more desirable than to have the two divided and each one confined to a special class of the population. The agricultural curriculum at the Kansas State Agricultural College is based largely on this belief. The student who satisfactorily completes this curriculum gets an education which combines, to an unusual degree, the development of productive efficiency with a broad training of the mind; preparation for making a living with preparation for living a satisfactory life.

One-half the school work required to complete this four-year agricultural curriculum is in agricultural subjects. These include studies in agronomy, agricultural economics, animal husbandry, horticulture, dairy husbandry, milling industry, and poultry husbandry. These studies include more than 100 courses and thus afford the student a wide range of choice. The other half of the work required of the agricultural student is non-agricultural, but nevertheless highly useful to men who follow any one of the numerous agricultural occupations which are open to graduates in agriculture. Some of these subjects are in the sciences on which successful agriculture is based. They include studies in geology, botany, chemistry, zoology, entomology, bacteriology, economics, and sociology. Other subjects besides these which are of special importance in leadership, business relations, good citizenship, and satisfactory living are history, English, industrial journalism, government, and business law.

Another important feature of the agricultural curriculum at K. S. A. C. is that it gives the student a wide choice of electives. In the first place he elects the department in which his major agricultural work is to be taken. He can choose one from among the departments of agricultural economics, agronomy, animal husbandry, dairy husbandry, milling industry, horticulture, and poultry husbandry. He thus gets special training for service in a particular field of agriculture—animal husbandry or agronomy, for example—besides much basic scientific training and broad preparation for any agricultural occupation. Besides selecting his major department, he is able to elect about 30 per cent of the total amount of subject matter he studies.

It should be clear from the above that the agricultural curriculum at K. S. A. C. is not designed merely to "teach a young man how to farm." Its object and its effect are, rather, to provide broad scientific and cultural training, combined with high class instruction in strictly agricultural subjects, so as to prepare a young man for successful agricultural service, on the farm or elsewhere, and for effective leadership and good citizenship.

KANSAS FARMER and MAIL & BREEZE

August 19, 1922

By *Arthur Capper*

Vol. 60 No. 33

In a Hickory Stick Mood

Kansas Farmers, Innocent Victims of Industrial Warfare, are Sore at Labor and Capital and are in the Humor to Take Both of Them to a Cleaning

By Ray Yarnell

KANSAS farmers are getting pretty well fed up on industrial disturbances that are hindering the revival of business and interfering seriously with the distribution of farm products and merchandise, and the functioning of industry in general.

When the business situation was beginning to clear up after two years of readjustment, and timidity due to the uncertain situation was being dissipated, along came the coal strike and the rail strike to scramble the eggs into anything except a palatable omelet.

The farmer, who had been readjusted until he felt like the first car Henry Ford ever built looks today, had his arms outstretched to give returning prosperity and good times a bear hug. But when he clasped his arms together he found he was hugging industrial war, not prosperity, and it made him sore.

The farmer, and I am speaking in terms of the average farmer, is off with strikes and lockouts. He doesn't believe very much in either of them at any time and especially not now. He isn't opposed to organized labor so much as to what he considers the lack of judgment and good sense organized labor and its leaders display.

No love for capital, organized industry or big business lurks in the heart of the Kansas farmer. He knows they are inclined to be predatory and extremely selfish. He realizes that labor has had to fight for its rights and that capital has been slow to be just or fair.

He's the Goat in Industrial Strife

But the farmer, who is a large part of the public, is finally convinced that he is the goat in any industrial strife, whether it be instigated by the men who work or the men who employ. He is at outs with an industrial system run on such a wasteful and senseless plan.

The farmer-labor movement never got anywhere and it never will. There is too wide a divergence of opinion between the union man and the farmer for a close alliance ever to be formed that will function harmoniously. The average farmer never has been sold on the eight hour day, altho apparently he will not fight it aggressively. Neither is he completely or very fully sold on labor unions. He certainly is not sold on the leadership of those unions.

The Kansas farmer is informed on this subject; he is not the victim of blind prejudice—far from it. Farmers today are well informed on most subjects. They read a lot more than many persons think. They are interested in both sides of every question.

They know that B. M. Jewell, head of the striking railway shopmen, hid

out for 48 hours before the strike went into effect when the United States Rail Labor Board was trying to get a conference with him in an effort to prevent the walkout, and they don't like it. They also know that Jewell since has virtually agreed to accept the original decision of the Labor Board, subject to appeal, and they know that he could have done that before the men went out.

The farmer is sore because neither labor nor capital, he says, gives him or the public in general any consideration, when they get to rowing among themselves. He believes the rail situation could have been adjusted in a fair way without a strike.

And on the other hand he has his opinion about the railroads. He feels pretty sure that they welcomed the strike and that they would not shed any appreciable quantity of tears, certainly not enough

to cause an inundation, if they were able to break the unions. He is out of sympathy with any action they might take to injure labor or to prevent it from obtaining a fair wage or decent working conditions.

Kansas farmers certainly are not in sympathy with striking coal miners. They have seen too much of industrial warfare in Kansas coal fields and too much of Alexander Howat and the principle he has stood for in openly violating the laws of the state regulating industry. Neither have they forgotten the Herrin massacre or the mine wars in Eastern fields.

I confidently believe that if it were put to a test Kansas farmers would unhesitatingly support the Kansas Court of Industrial Relations because it has apparently come nearer than any other legislation to pointing the road to industrial peace and the avoidance of costly controversies.

The coal and rail strikes are seriously injuring the farmer. With shutdowns of manufacturing in many lines imminent, with the facilities for transporting raw products to market im-

paired and unsettled conditions throwing a wet blanket on demand, resulting in lower prices, the farmer is getting hurt. He is still sore from readjustment and the black and blue hasn't disappeared from many of his bruises yet. He is tender and touchy. He is a stick of dynamite that someone may touch off and wish they hadn't. If the farmer ever does explode, and he is today packing a potential explosion on his shoulder and is very near the point of inviting some one to knock it off, a lot of folks who have been monkeying with his business and making him pay for their lack of judgment and disinclination to pay any attention to the rights of the public, will get hurt.

What the Farmer Would Like to Do

The farmer is sick and tired of industrial warfare. He wants a fair deal for both labor and capital and he believes it can be obtained without resort to strikes whenever a dispute develops. He believes that both labor and capital are ripe candidates for a heavy hickory switch and he wouldn't have the slightest objection to being chosen as the person to make the application.

The Kansas farmer hasn't gotten over his idea that labor can stand readjustment as well as he and that employers must still further reduce operating costs and profits. He is not satisfied with existing freight rates, especially those on agricultural products. He is not advocating a wage for labor that would make it impossible for a working man to live decently or comfortably, but he is in favor of revising some of the rules and regulations made

(Continued on Page 12)



Occupations of Agricultural Graduates

By F. D. Farrell

IT IS doubtful whether any other four-year college course trains young men for as many occupations as does the agricultural curriculum at the Kansas State Agricultural College. Most persons are astonished when they learn what a great number and variety of occupations are open to agricultural graduates. This is especially true of people who, for one reason or another, regard the four-year course in agriculture merely as a method of "learning how to farm," or perhaps of preparing to be a county agricultural agent or a teacher.

The reason for the great variety of occupations for which the four-year agricultural course gives training lies in the magnitude of the American agricultural industry and in the fact that the world cannot get along without agriculture. The enterprises of agriculture are very numerous and they vary greatly in character; and they require the service of thousands of trained men who differ greatly in temperament and interest. For example, a man who finds pleasure and profit, as many do,

in operating a dairy farm is seldom fitted temperamentally to engage successfully in the grain trade. Many men who can give excellent service as agricultural economists for banks or loan companies, would be unhappy and unsuccessful in the range cattle or sheep business, or as landscape gardeners, pure seed growers, park superintendents, or orchard managers. To be successful as a plant breeder or a soil technician, one usually must be a different type of man from him who makes good as a fertilizer salesman, agricultural market reporter, livestock claim adjuster, or agricultural implement expert.

Yet all the occupations above indicated and scores of others are engaged in by the agricultural graduates of Kansas State Agricultural College. The college has a list, which can be had by writing to the Dean of Agriculture at Manhattan, containing the names of about 150 agricultural occupations

which are being followed by its agricultural graduates. All of these occupations must be carried on if the great agricultural industry is to be properly served and so be profitable to those engaged in it and beneficial to society as a whole.

The agricultural curriculum at the Kansas State Agricultural College is arranged to give a student a wide choice of studies, both in agriculture and in other fields related to it. It is thus possible for the student to suit his studies to his aptitudes and interests, and at the same time get excellent training in the biologic, economic, and social sciences to supplement his agricultural training and to help fit him for good living and high class citizenship. It is, therefore, not surprising that the agricultural graduates of the Kansas State Agricultural College are successfully engaged in a great variety of occupations; that they are making good in practically every state in the Union and in many foreign countries, and that they are winning their way to positions of large responsibility and leadership in local, state, and national affairs of any importance.

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Passing Comment—By T. A. McNeal

THE primary is over. I can no longer be even
 suspected of having any selfish political in-
 terest for I will never again be a candidate
 for any political office.

There are still a number of political prisoners
 confined in various penitentiaries in the United
 States. It has been the policy of this Government
 in the past to forgive political offenders. No one
 who engaged in the Rebellion on the Confederate
 side was executed for treason after the war ended.

I am glad this is true, but certainly these men
 committed a more serious offense against the Gov-
 ernment than the men who merely discouraged en-
 listments during the World War or without taking
 up arms violated the provisions of the Espionage law.

The war has been over for nearly four years.
 Every man and woman guilty only of a political of-
 fense should have been released long ago. I am not
 asking clemency for anyone who has been guilty of
 any other crime. If anyone committed murder or
 deliberately tried to wreck munition plants, know-
 ing that hundreds of lives would be destroyed, or
 if the offender placed or tried to place bombs in
 troopships, or if anyone communicated with the
 enemy to betray the sailing date of a troopship so
 the enemy might sink it with submarines, in short
 if the offense consisted in part or in whole of an
 effort to destroy life, then I have no plea of mercy
 to make.

That sort of thing I regarded then and now as a
 most dastardly and terrible crime that deserved
 the same kind of punishment a similar crime would
 deserve in time of peace.

My understanding is that there are a good many
 prisoners whose offense consisted in trying by word
 of mouth or by written articles to hinder the oper-
 ation of the draft and the general military opera-
 tions of the Government. These offenders did not
 commit murder or arson. They did not endanger
 the lives of our soldiers by betraying or attempt-
 ing to betray them to the enemy.

All such offenders should have been released
 long ago, and every day they are kept in confine-
 ment is a cruel wrong and disgrace to our Govern-
 ment.

Tax on Incomes

AFTER all isn't it fair that taxes should largely be
 gathered from two sources: incomes and un-
 earned increment? Personal property that
 can be hidden away always has and, perhaps, al-
 ways will escape taxation. Theoretically all such
 property pays taxes now, but we know that in prac-
 tice hundreds of millions of it in every state es-
 capes without paying taxes at all.

The income tax law, however, seems to be fairly
 well enforced. In my opinion there is no form of
 taxation more fair or that will get the money
 more easily.

I also believe in inheritance taxes. Where an es-
 tate has been accumulated by the joint effort of
 the husband and wife I do not believe the inher-
 itance tax should apply and if the estate has been
 accumulated by the toil of the children, which is
 not very frequent these days, I would make very
 liberal exemptions, but where an estate goes to
 indirect heirs who never have done anything to
 help accumulate it, the inheritance tax should take
 the greater part if not all of the estate.

I believe also in a graduated land tax that will
 prevent the holding of large tracts of land by in-
 dividuals. At present entirely too much property is
 escaping taxation which means that property that
 cannot be concealed or which is made exempt by
 law is growing continually in volume and property
 which cannot be concealed has to pay a proportion-
 ately heavier burden. We must revise our entire
 system of taxation.

Collective Bargaining

AN OBJECTION to the industrial court law is
 that carried to its logical conclusion it pre-
 vents collective bargaining.

I have said and say again that an organization
 of individuals has a right collectively to enter into
 a contract to work for a certain time and a certain
 wage, and if they have the right to make such a
 contract collectively, they also have the right col-
 lectively to refuse to renew that contract when it
 expires. That means they have the right collec-
 tively to quit their employment at the expiration of
 the contract. This amounts to a strike, which is
 forbidden by the industrial court law.

So far as I know every union labor man will

agree with me on that, but a good many of them
 will not take the next logical step and admit that
 if the union has the right to bargain collectively
 and to refuse to continue the employment at the
 expiration of the contract, the other party to the
 contract has the same right to refuse to continue
 the contract. There can be no bargain unless there
 are two parties, and the very word, bargain, im-
 plies that the parties thereto meet and deal with
 each other on equal terms.

The union has or ought to have the full right to
 bargain collectively; to say at the termination of
 the contract that the members do not wish to con-
 tinue it and that unless they can get a different
 contract they will quit, but they have no right to
 interfere with the operation of the business of the
 other party to the bargain further than their re-
 fusal to work will naturally interfere. They have
 no right by violence or threats of violence to keep
 other persons from contracting with their former
 employer.

I am everlastingly opposed to tyranny or violence
 or intimidation either on the part of employers or
 labor unions, and just because I am opposed to that
 I am opposed to any law which will interfere with
 what I consider the natural rights of either em-
 ployes or employers.

Indifference of Voters

A CONDITION which seems ominous to me is
 the apparently growing indifference of voters.
 Some weeks before the primary I talked
 with a farmer in Jefferson county, a man of aver-
 age intelligence and certainly one who is or ought
 to be interested in Government, national, state and
 local. Speaking about attending the primary he
 asked: "Will it make any difference how I vote?"
 Of course his vote would not have changed the
 result, but what interested me was the feeling he
 had that it made no difference whether he took part
 in the choosing of candidates.

I fear there is a good deal of that kind of senti-
 ment. A great many fairly good citizens have the
 impression that politics is a rotten game at best,
 and that no matter how they vote they will not bet-
 ter political conditions.

If they are right then our republic is in a bad
 way. If it is true, as they seem to believe, that
 politics is the game of professional politicians who
 play it purely for selfish and personal advantage,
 and that no matter who is elected the game will be
 played the same way, then popular government is a
 failure and the purification of politics an "iride-
 scent dream."

If these impressions, which seem to be wide-
 spread, are correct, the cynic who declared that
 "patriotism is the last refuge of a scoundrel" was
 hitting close to the mark.

I fear that a good many of the fine young men
 who so freely offered themselves to the service of
 their country and suffered the terrible hardships
 and dangers of warfare have a feeling that they
 were uncoined and used as pawns in the game of
 politicians and financial profiteers.

The prevalence of such sentiments bodes ill for
 our country, but we may as well acknowledge the
 fact that it does exist and that it seems to be
 growing.

There never was a weed that did not spring from
 a seed. There never was a disease that did not
 have a cause. I think the natural tendency of men
 is to be patriotic, and to love their country as they
 love their homes. That has been proved again and
 again by the willingness of the masses to fight, to
 sacrifice, to see those they love most put on the uni-
 form of their Government and risk death in battle.

No nation can long endure without the patriotic
 love and support of a majority of its citizens, and
 that is especially true of a republic.

What is the seed from which this indifference
 springs? What is the cause of this disease that is
 sapping the patriotism of the masses?

I think the cause is the infernal selfishness and
 greed that permeates all classes and conditions of
 society.

One is almost compelled to believe that with the
 majority of people the important question in de-
 termining what action they will take in any given
 case is not what is right and fair, but can they
 get by; not what the effect will be on the com-
 munity but how will it affect them personally?

As population increases the struggle for existence
 becomes more intense, and the temptation to be

greedy and selfish greater. This tendency is in-
 creased as luxuries increase. Less than a genera-
 tion ago the automobile was unknown; people were
 willing to walk, or ride in farm wagons; the buggy
 or spring wagon was the extreme of luxury. Now
 the individual who does not own an automobile
 feels that he or she is out of society entirely. The
 humble Ford is jeered at, and the common laborer
 wants a more expensive car. Even the moderate
 priced car costs seven or eight times as much as the
 old time buggy cost. The cost of automobiles, in-
 cluding original price, depreciation, upkeep, cost of
 gasoline, oil and the like amounts, according to the
 estimates of financial experts, to 6 billion dollars
 per annum in the United States. That was the en-
 tire cost to the North of the four years of Civil war.

Debts pile up; the moral standards are lowered:
 the question most often asked is how can I get the
 money? not what is the honest way to get it. Frug-
 ality and the simple life are no longer regarded
 as commendable by a vast number of people, but
 as indications of old fogyism.

Those who dance must sooner or later pay the
 fiddler, and I fear the fiddler's name is ruin.

It may afford the horse, known as a "stump
 sucker," temporary gratification to set his teeth
 on the wood of the manger or to fill his belly with
 the east wind, but there is no real sustenance in it.

The production of food in this country is not in-
 creasing. The aggregate of crops this year will be
 less in all probability than last year, but the num-
 ber of mouths to feed has increased perhaps 2 mil-
 lion. We could by friendly co-operation double pro-
 duction and decrease the cost of living, but there is
 no present prospect that we will. We are busy
 figuring how we can beat the game, forgetting that
 wealth was never increased by the mere shuffling
 and dealing of cards, and that the gambler with
 loaded dice 99 times out of 100 loses in the end.

What, the world needs is a baptism of honesty
 and unselfishness; of willingness to work at some-
 thing really useful, and a desire to give a real
 equivalent for what we receive.

Deceit, envy, avarice, treason to ideals, hate; the
 initials of these spell death.

Love, idealism, faith, earnest purpose, the initials
 of these spell life.

The history of past civilizations so far as it is
 obtainable is fragmentary, but there is enough of it
 to indicate that in some respects they were equal
 or possibly superior to our own. There were the
 same human problems, and the moral principles
 proclaimed by the leaders of thought were as high
 and altruistic as the best moral code of the present.

Those civilizations perished because of greed and
 selfishness. Will history repeat itself?

The K. K. K. Again

I AM in receipt of the following letter from Vigo
 Park, Texas:

I am greatly astonished to see in your com-
 ment that you class the K. K. K. as favoring mob
 law and other bad practices. I supposed you were
 better informed than this. I suppose you have been
 reading the Dallas News or papers of that stripe.
 When a man joins the K. K. K., he takes a solemn
 oath to violate no law. All the tar and feather par-
 ties you have read about in the Dallas News have
 been carried out by bootleggers and laid at the door
 of the K. K. K. They have made a regalia similar
 to that of the Klan and have letterheads similar to
 the Klan's. Dr. Ridley, pastor of the First Baptist
 church of Atlanta, Ga., lectures for the K. K. K. He
 declares they have never tarred and feathered a
 man or done any other lawless acts. Dr. Bogard of
 Little Rock, Ark., one of the most distinguished
 ministers, declared the same thing. It is a fact that
 the K. K. K. has prevented many men from being
 lynched in Virginia and other states. You don't
 find out the good they do from the Dallas News.

Quite a number of things charged to the K. K. K.
 have been investigated and the verdict has been
 that the Klan was not guilty. Now I am going to
 suggest to you that you send for the Searchlight,
 published at Atlanta, Ga. When you have read a
 half dozen copies you will reverse your opinion of
 the K. K. K. I think you owe it to yourself, to
 justice and to the Klan to do this. The Latins were
 accustomed to say "Fiat justitia ruat caelum"—
 "Let justice be done tho the heavens fall."

F. S. Rountree.
 P. S.—I am not a member of the K. K. K. but I
 like to see justice done.

If it is true, as Mr. Rountree asserts, that the
 purpose of the K. K. K. is entirely lawful, and I
 presume also to see that laws are properly en-
 forced, why the need of a secret, oath-bound so-
 ciety? Why the need of masks and ghostly para-
 phernalia and parades at dead of night?

If the purpose of these people is entirely lawful,
 they should come out in the open, band themselves
 together with the greatest publicity and make it

known that their only purpose is to help enforce law and see to it that order and justice prevail. All good citizens would applaud that sort of organization and it would be entirely legitimate. According to Mr. Rountree's own statement, the lawless element is using the mask and uniform of the K. K. K. to conceal themselves while they commit deeds of brutal and unlawful violence. How is the general public to distinguish between the good Klansmen and the ruffians?

Several organizations somewhat similar to the K. K. K., at least so far as their declared purposes were concerned, have flourished in the past and in every case, if not positively bad at first, they have become bad before they have run long.

If the Klansmen are actuated by the benevolent and laudable purposes attributed to them by Mr. Rountree, let them discard their masks and secret oaths and ridiculous titles and come out in the open with just one declared purpose and that to see that laws are enforced and graft and wrong eliminated from public administration of affairs as far as possible. If they will do that I will boost them as far as I have opportunity.

Farmers' Service Corner

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

Inheriting Property in Colorado

In Colorado when a husband dies leaving only a wife does she inherit all his property if he dies without will?

M. H.

Yes, she inherits the property.

How to Assign Liberty Bonds

In giving Liberty Bonds as security for a loan is it necessary to assign the bonds over to the party?

J. A. B.

No, unless the bonds are registered. In that case it would be necessary to assign them.

Farm Loan Bonds

Is it safe to invest in farm loan bonds and will you always get 5 per cent?

S. M. B.

I know of no investment that is safer than this. These bonds are virtually guaranteed by the Government of the United States. They are free from taxation. They will bear the rate of interest designated in the bond itself until maturity.

Wholesale Drug Companies

Will you please publish the address of a wholesale druggist?

E. L. M.

Arnold Drug Company, Topeka, Kan., does a wholesale drug business.

Property Exemption in Colorado

How much personal property is exempt to the farmer in Colorado?

C. R.

The exempt property in Colorado consists first of the homestead, second of the household furniture, clothing of the family, sufficient provisions to keep the family for six months if the debtor has it on hand, two cows, a team of horses, farm implements, 10 hogs, 20 sheep with the wool either on the sheep's back or clipped, and sufficient feed to feed the animals for one year if the feed is on hand.

A Question of Trespass

Has an electric light or telegraph company the right to cut a man's shade trees or trees of any kind along the public highway whether they were on a man's field or on the line? If they had not the right to cut them down what action must be taken in order to obtain damages? Also who is responsible, the man who does it or the one who employs him? Have companies the right to set poles inside the man's line?

E. A. M.

If these shade trees were not out in the public highway, then this company had no right to cut them down or mutilate them. They would have the right to set their poles in the public highway but had no right to trespass upon private property. Therefore they had no right to set their poles inside the man's field.

The company would be responsible and not the employee because presumably he was following their instructions. Of course the question of damages would have to be determined by a suit brought against the company.

Home for the Blind

Is there a home for the blind in the state of Kansas?

R. D. A.

There is no home for the blind in Kansas. There is a school for the blind at Kansas City, Kan. The purpose of this school is to educate the blind children so that they may be able to take care of themselves.

Limits of a Mortgage

A gave B a mortgage on his stock and machinery. Could B levy on the goods and sell everything or would B have to leave A what the law allows and what would that be?

C. E. S.

If this property was not exempt property, B of course could levy upon it and sell it subject to the mortgage, that is having first obtained a judgment against A. If it was exempt property, however, he would not have the right to levy upon it.

The exempt property in Kansas consists first of the homestead, second of the household furniture, clothing of the family, sufficient provisions to keep the family for six months if the debtor has it on

hand, two cows, a team of horses, farm implements, 10 hogs, 20 sheep with the wool either on the sheep's back or clipped, and sufficient feed to feed the animals for one year if the feed is on hand.

Private Roads

A owns the northeast quarter of section 14 and B the southwest quarter of the same section. The other two quarters are owned by different persons. A buys 40 acres from B and would like a connection between this land and his other quarter. Can he open a road between the southwest and northeast quarters by law?

C. D.

Not unless it is necessary to give him an outlet to the public highway. In that event he can have a private road opened at his expense by order of the commissioners.

A Question of Trespass

1. I own a tract of land on which the Bell Telephone Company has a line about 62 rods where I have a hedge fence which I keep trimmed to about 3 1/2 feet. Now have they a right to cut gaps in the fence and dig dirt and carry it out and pile it around their poles, and cut down mulberry trees 10 feet inside and set wires inside? They did this without permission or paying any damage. 2. Has a township trustee a right to ditch the public road on a man's place when it can be ditched along the side of the road?

G. H. J.

1. I am not certain from this question whether the telephone company's line runs along the outside of the hedge or inside. If outside of the hedge, it is probably in the public highway. If this is the case it has no right to cut any gap in this hedge nor to trespass upon the property of the questioner and certainly not in any event without paying for the damage committed.

2. The township trustee has the right to make whatever ditches are necessary for the benefit of the road. If the abutting property holder's property is damaged by the opening of the road or the digging of ditches, the property owner would have a claim for damages against the township.

Who Should Pay For Repairs?

A and B are neighbors. A has two mowers which he lent to B with the agreement that B was to keep them in repair. B moved away and when A got the mowers it cost him \$20 for repairs on one and will cost him about that much for repairs on the other. Can he make B pay for these repairs? Can he attach B's wages? B is in California now.

G. W. S.

A is of course entitled to a judgment against B for the damage to these mowers. He can send his account to California and sue upon it and if B is a single man he could of course attach all his wages or if he is a married man he can bring garnishee proceedings under the California law.

Is He Entitled to Damages?

A had a public sale in February. B bought a mare that was sold with the understanding that she was bred to a jack and was safely in foal. A guaranteed her to be in foal. B has kept her past the time and has found that she is not in foal. Can he collect any damages from A? How much would be a reasonable compensation? The mare is of the heavy draft type and was said to be bred to an extra good jack.

J. C. B.

The purchaser would be entitled to damages. The measure of damage would be the difference between the value of this mare without being in foal and her value if she had been in foal. I do not know what would be a reasonable compensation. There are so many things to be taken into consideration. For instance, the colt might come dead or it might be of little value even if born. I do not know of any way in which this damage could be definitely measured. It would be a matter for a jury to decide if the question were brought to trial and in making up their decision they would be instructed by the court to consider what would be a reasonable difference in the value of the mare.

Automobile Lights

What is the penalty if any for driving a car at night without any tail light if there is no accident? If there is what is the limit?

A. L. P.

Section 5, Chapter 74 of Session Laws of 1917 provides that every automobile using any public highway of this state shall show between one-half hour after sunset and one-half hour before sunrise two lamps exhibiting white lights visible at a distance of 300 feet in the direction toward which the automobile is proceeding, and shall also exhibit a red light visible at the rear end. The lamps shall be so placed as to be free from obstruction to light from other parts of said automobile. No driver of any automobile or other motor vehicle, while operating the same upon a public highway in this state shall use any acetylene, electric or other headlight unless properly shaded or supplied with dispersive lenses or glass or with a mechanism or apparatus for turning down such illuminating lights in such a way as not to blind or dazzle other users of the highway or make it difficult or unsafe for such other users to ride, drive or walk thereon. It is hereby made unlawful for the driver of any automobile or other motor vehicle to direct the rays of a light known as a spotlight upon an approaching vehicle upon any public highway in this state.

The following section provides that the violation of any of the provisions of this act, except as otherwise herein provided, shall be deemed a misdemeanor punishable by a fine not exceeding \$100, or imprisonment not exceeding 60 days in the county jail, or by both such fine and imprisonment for each offense.

It will be seen that the offense consists in using the automobile at night without both front and tail lights. The mere fact that no accident occurred would not relieve the driver of the automobile from the penalty of the law.

Booze Business Not Yet Dead

JUST now the Literary Digest, polling the country, finds indications of a respectable minority element, mostly in the cities, that would tilt the prohibition lid sufficiently to admit the use of light wines and beer as common beverages; and yet would retain national prohibition! It can't be done.

This Nation cannot exist half slave and half free, said Lincoln in his time. I believe it as true now to say that it cannot exist half "wet" and half "dry."

It will have to be the one or the other. Liquor always has been a determined and shameless violator of the law, it is the world's most depraved and vicious lawbreaker. The saloon, when we had it, defied regulation. It would not be even half-way respectable. It would not obey the simplest rules dictated by common decency. It allied itself with everything that was demoralizing, vicious or rotten, in private or public life. In politics it cajoled and bribed and threatened. It prostituted government. It permitted nothing to come between it and its mission which was to turn out as many drunkards as possible. It had actually besotted the Nation before, step by step, we began to rid ourselves, of this curse.

If now we should make the sale of light wines and beer legal, how long would it be before we should have these alcoholic beverages "spiked"? You may depend upon it their alcoholic content would not remain stationary; further efforts would be made to increase it.

The drinker would demand more and more "kick," and not even martial law would keep the booze sellers from giving it to him. The inevitable result would be—national prohibition on the statute book and in the constitution—but booze everywhere else for all who wanted it, and as long as they could stand up and drink it and had the price.

In this struggle with the dying drink traffic, the Nation is now exhibiting the customary first phase of prohibition enforcement. Every prohibition state has had to pass thru just such a marked reaction. The "wet" interests, of course, will make the most of it, it is their last hope. For the time being, judging from the Digest's poll, the "wets" appear to have won many by their treacherous light wine and beer propaganda. To this extent the Digest's poll is rather a startling demonstration of the strength of the "wets." Prohibition may as well recognize that the booze business is not yet dead. We must keep up the fight, until the pendulum swings back to strictly bone-dry prohibition, which it is certain to do, and "the cat dies."

A striking example of the laxity of the moment, is the exposure of the United States Shipping Board. To gain a few dirty dollars selling booze, this board did not hesitate to compromise the good name of the American people, dishonor their flag and debase their Government in the eyes of the world but putting it in the humiliating position of violating its own laws and constitution. In order to gain a few more dollars to bolster up its merchant marine it has turned these ships into floating saloons at the very time when, thru our Department of State, we have been sanctimoniously requesting the government of Great Britain to put a step to booze-running under the British flag between that country and this!

Thanks to the shipping board, what a spectacle we are for an upright people and Nation!

While with us a great effort is now being made to override the Volstead act and restore wine and beer, foreign lands are getting ready to take the water-cure. Central Europe will have prohibition in a few years, reports E. L. Hohenthal, just returned from a five-months' investigation in those countries. The anti-liquor movement is making rapid headway in Germany, Austria, Czechoslovakia and even in Italy. Scotland, famous for its whisky, a land of hard drinkers, has begun voting itself dry by the local option method. World prohibition cannot be far around the corner. It is coming nearer every day.

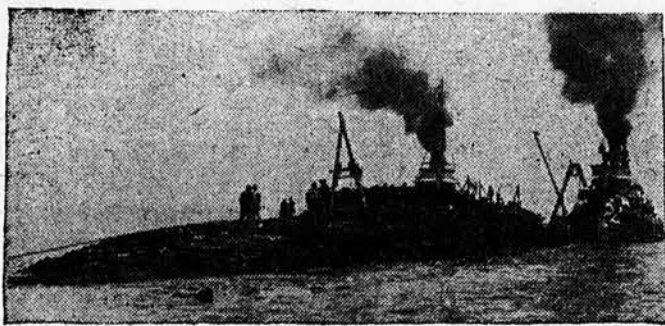
The American people have every reason to be steadfast in stamping out the drink traffic, every incentive to hold fast to prohibition. It has steadily increased their bank deposits, built more homes than were ever built before in a given time, caused more money to be spent for the necessities of life. This country's booze bill was 2 billion dollars less last year than in the years when we had saloons. Two billions a year for 12 years would pay our war debt.

There is much to indicate that 17 1/2 million Americans, formerly steady drinkers, are now on the water wagon. We should make it easier for them to stay there instead of harder. This is not asking very much.

So many states have proved that prohibition is effective that to say we cannot have bone-dry national prohibition is ridiculous. Just now we should be its vigorous and aggressive champions. One thing is certain. Whatever Congress may do this country will never vote for a beer and wine amendment to the Constitution of the country.

Washington, D. C.

News of the World in Pictures



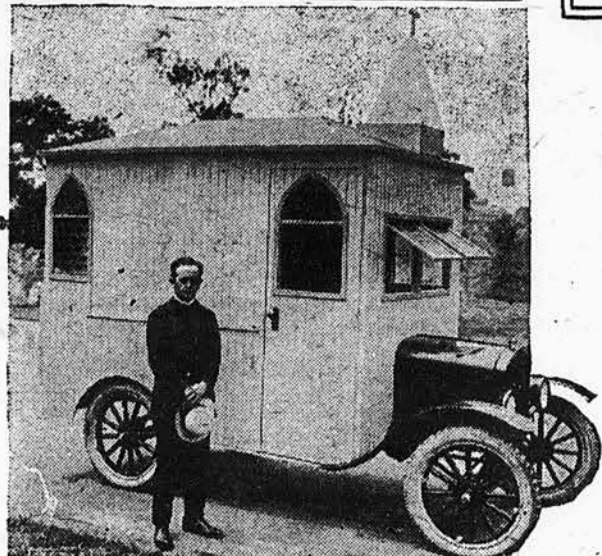
This Huge Raft, 900 Feet Long, the Largest Ever Built, Was Recently Towed 1,000 Miles, From the Columbia River to San Diego. A Million Shingles and Half a Million Lath Were Carried on the Deck



Here is Jules Jusserand, Ambassador From France, Left, and the Count de Chambrun, Who Arrived at Washington Recently to Take Charge of the French Embassy in the Absence of Jusserand



Premier Poincaré of France, Left, is Talking to Premier Lloyd George of England; Will the Lives of 440 Million People be Affected by What They Say?



"Go Out Into the Highways" Says the Scripture—This Picture Shows The Rev. Branford Clarke, of the Pillar of Fire Church, Brooklyn, Who Has Built a Chapel on a Ford, for Street Work



Dr. William A. Taylor, Chief of the Bureau of Plant Industry, United States Department of Agriculture, a Leader in Improving the Farm Crops



Channing H. Cox, Governor of Massachusetts, Recently Made a Trip on Burros During His Vacation; Left to Right, Governor Cox; F. A. Snyder; Karl P. Abbott; Mrs. Snyder and Mrs. Cox



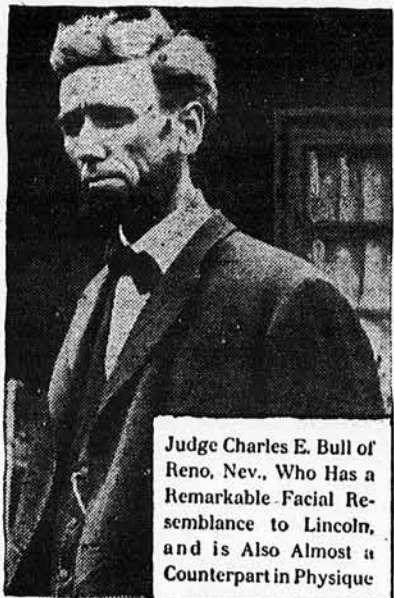
Sir Hall Caine, left, the Distinguished English Writer, is Telling Richard Dix, Film Star, That He is Pleased With the Way Dix Played the Part of Richard in "The Christian," One of Caine's Successes



There are 18 Pairs of Twins in Stephens College, a Missouri Women's School; They Have Formed a Unique Organization, the Duplex Club, to Which Only Twins Attending the College are Eligible. Life is a Complicated Thing at This School, in "Keeping 'em Apart"



Marilynn Miller, Late of the Musical Comedy "Sally" and Jack Pickford, Just After Their Recent Marriage; Charlie Chaplin is Standing Directly Behind the New Mrs. Pickford



Judge Charles E. Bull of Reno, Nev., Who Has a Remarkable Facial Resemblance to Lincoln, and is Also Almost a Counterpart in Physique



Despite War in China, the American Bible Society Recently Shipped the Largest Consignment of Bibles in its History From Shanghai, Consisting of 187,000 Volumes; the Picture Shows Coolies Hauling Part of the Shipment in Shanghai

Farmers Build Their Own Roads

Labette County Residents Lay Gravel in Record Time and Pay For It With Their Spare Labor Rather Than Cash Assessment

By Frank A. Meckel

THE farmers of Labette county probably hold the record for speed in building a gravel road by virtue of having completed a 10.52 mile section of highway in 43 actual working days.

The work was carried on at the rate of about a quarter of a mile every day, and 75 per cent of the work was done by the farmers of the benefit district. These men were paid on the 10-mile basis, and many of them received more than enough cash in payment for their work to pay their benefit road tax.

Not only did it relieve them of the burden of taxation, but it offered them employment at a time when unemployment was at its height all over the country.

About 400 men with teams participated in the work, and they received approximately \$60,000 for their labor. Every cent of this money was paid to men living in Labette county and the money will remain at home.

Between Oswego and Altamont

The road which they built is known as Section "C" of Federal Aid Project No. 2, and it lies between Oswego and Altamont. The No. 2 Project consists of about 45 miles of gravel road in all, Section "C" making up a 10.52 mile block of the system.

The contract for grading and placing the guard rail on this section of road was let in December, 1919. This cost is about \$4,247 a mile, and the work was completed and accepted in June, 1921. While the contract was let in 1919, actual work did not begin until April, 1920 and it was really completed in April, 1921, or about one year's time, which is considered good time for such work.

In November 1919 the county commissioners awarded the contract for culverts and bridges up to and including 20 foot spans. This work cost at the rate of \$1,697 a mile. The road, when this was completed in March, 1921, was then ready for gravel surfacing.

During October, 1921, the county engineer prepared an estimate for laying



Above—Farmers and Teams Hauling Gravel for the New Road in Labette County. Below—A Few of the Road Builders Placing Gravel.

the gravel on this section of the road. His estimate was \$54,231 or at the rate of \$5,154 a mile, 50 per cent of which cost was to be borne by the Federal Government out of national road funds. On December 5th, 1921 the county's

forces began placing gravel on this road with day labor, using all local men and teams and paying 30 cents a yard a mile for hauling the gravel, and 15 cents a yard for loading. Each man loaded his own wagon by hand.

The work was completed on February 20, 1922 in 43 actual working days. The average number of loads hauled in a day and placed on the road was 300. A total of 12,900 loads were placed in the 43 days. This amounted to 20,055 cubic yards of gravel. The best day's run was 530 loads or 980 cubic yards. On this day 2,740 lineal feet of road were laid. This was 100 feet over one-half mile. The gravel was hauled 5 miles at this particular time, and 350 teams were at work on that day.

A Variation in Costs

The cost of building various sections of this same road varied materially. Section "A" with an average haul of 3.5 miles cost 58 cents a square yard. Section "B" with the same average haul cost 87 cents, while Section "C", the one under discussion here, cost only 54½ cents a square yard. The first section was completed in two years, the second in 2½ years and Section "C" in 15 months from the time the grading and bridge work was started until the gravel was down and ready for service.

A number of the farmers were able to earn more than their tax amounted to, and all of them were able to materially reduce their tax by offering their labor at a time when they could best afford to do so.

L. L. Morris who owns 160 acres with a valuation of \$5,775 received \$289.80 for his work. His benefit district tax amounted to \$200. D. H. Payne with 80 acres and an assessment of \$100 drew \$142.65 for his work. J. R. Easley with 120 acres and \$150 tax worked long enough to earn \$150.21 while Ben Scott who owns 4.5 acres and had a tax assessment of \$5.62 drew \$143.92 for his time on the road. There were many others who paid all of a good part of their tax with their time.

Kansas to Front With Flour

Has 215 Mills, With a Capacity of 105,000 Barrels a Day, Which Provide a Market For a Large Part of the State's Annual Wheat Crop

By F. B. Nichols

MUCH credit is due the millers of this country for the outstanding mechanical brains and good business ability they have put into their business. This has made the great inland winter wheat region, of which Kansas is the heart, possible. They provide a market for a considerable part of our grain production—this is especially true with wheat—and they render an essential service at a reasonable margin as a rule. While good profits sometimes are made on an advancing market there is a huge amount of competition in the business, and this tends to keep them down fairly well. Kansas has 215 mills, with a capacity of 105,000 barrels of flour a day with an ordinary run.

What Mr. Page Said

I was talking over some of these things recently with my friend David Page, principal owner and manager of the Thomas Page Milling Company, of Topeka and Manhattan. Mr. Page is a farmer as well as a miller; he owns the Fairfield Dairy Farm near Topeka, and has one of the outstanding herds of purebred Ayrshires in the Middle West. He lives on this farm, and drives to work every morning in a motor car. So he has the viewpoint of both the miller and the farmer, and also that of the buyer of millfeeds, of which he uses a huge amount on his farm. More than this, he comes from a family which has been identified with the milling industry for many years; Thomas Page, his father, who founded the Thomas Page Milling Company, was one of the trail blazers in milling

in this part of the great Middle West.

"The real expansion of the milling business of Kansas," Mr. Page told me, "began about 1882, with the introduction of steel rolls. There have been refinements in the processes since that time, especially with the development of better scouring and cleaning methods, but the steel rolls marked the beginning of a new epoch. Since then, and especially in more recent years, we have seen the building of a huge milling industry in Kansas, which has done much to add to the wealth of the state. It has been enabled, because of the quality wheat which this state produces, to make a superior product, which has found favor in the markets of the world."

A high degree of brains has gone into the operating methods which have made the quality flour produced by the mills of this state possible. Almost all of the larger mills—this is true of the Page Milling Company—have chemists, who keep a close record of the ash and protein contents of the different grades of flour, and make baking tests on various lots. They also run moisture, ash and protein tests on the wheat purchased. In many cases these tests are made before the wheat is bought, and soon after the movement starts the wheat buyer for the firm knows immediately from whence the quality wheat is coming which will vary from year to year. This gives the firms having chemists a big advantage over those which go ahead in the old way,

and of which they take advantage of, much to their profit.

Mr. Page has such a map of Kansas for the crop of 1922, and he is buying the cream of the wheat of the state. Quite naturally this will aid in maintaining the high standard of the flour which he produces. He finds that there is some variation in the map from year to year, although some localities seem to do fairly well every season. He uses only hard wheat.

The two mills owned by the Thomas Page Milling Company have a daily capacity of 1,200 barrels, and a storage capacity for grain of about 400,000 bushels. Naturally there is much variation in the amount of wheat on hand; it frequently gets very large in the fall and winter if the market is favorable. Almost all of the wheat is purchased for shipment from local points; very little comes thru Kansas City or other large terminals. A use is made of the milling-in-transit rate, which is true with all mills.

There is considerable variation in the amount of export business done; this also is the case with other mills. Mr. Page is fortunate in having personal acquaintances in Scotland, and when the market is favorable he sends a great deal of his product abroad, thru Galveston. His American trade is largely in the Middle West and East.

There is much skill used in all good mills in the cleaning and scouring of the wheat before it is milled. The first process is removing weed seeds, bits of

straw and other impurities which the threshing machine failed to eliminate; then it goes into machinery which removes the hairs on the ends of the grains and as much of the other dirt as possible. After this comes the tempering process, which places the right degree of moisture into it. There is some difference in the number of "breaks" in the machinery of a mill, this being from one to six and more commonly from three to five; Mr. Page has five "breaks" and believes this is about right. This means that the rolls become finer with each "break" and the wheat is cracked a little harder, which gives a gradual reduction.

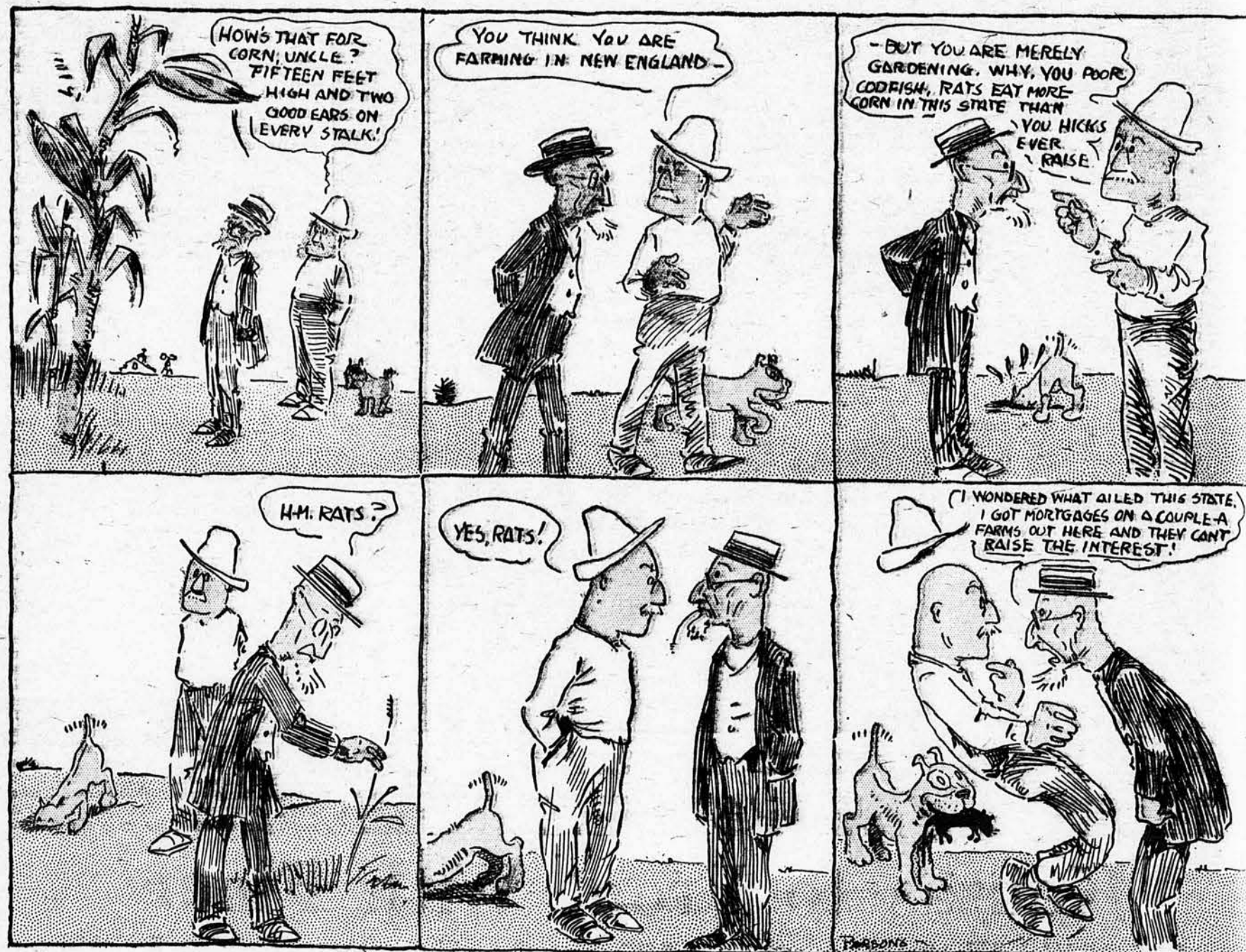
Real Science is Necessary

Naturally modern milling is a fine art, and there is the need of the greatest skill in the adjustment of the machinery—if this isn't obtained poor flour will result or there will be a minimum extraction of quality flour, and in either case the mill goes broke in short order. If a mill goes ahead year after year and is able to sell its product readily it means that there are brains not only in the front office but also in the plant itself.

The bran and shorts, which perhaps you buy to feed to your farm animals, is what remains after the milling machinery has done its work. More things happen to these two products than to the flour—the way they move around over a mill while the flour is being extracted is a caution. After the flour is out they come to rest at the end of the trail, having covered a much greater distance than any flour grades.

The Adventures of the Hoovers

Uncle Abner is Just a Bit Dazed About the Tall Towering Corn in the West and Wonders Whether He Can Collect His Interest



Tom of the Peace Valley Country

UNLIKE his fellows who are content with Coon Creek, Tom Woodson, a lad of the hill country, grows up with a desire for knowledge of the "Outside." However, the dwellers of this locality have little use for "book larnin'" and it is only the desire of his mother, who herself was an "Outsider" before she came to Coon Creek (and who rechristened the locality "Peace Valley") that helps Tom decide to spend a \$200 gift from his uncle for a year of educational training at the Blanton High School rather than augment the family supply of trapping gear.

However, Sam Woodson, Tom's father, is mollified by the belief that John Roberts, who is to be Tom's vocational agriculture teacher is the same young fellow Sam saw whip a German sympathizer during the war. Tom has a visit with Principal Roberts, who tells what great opportunity lies in wait for ambitious boys. As the days proceed, however, Tom finds he must fight young Durham, and after a near-riot at school, in which "Bull" is forced to apologize, the "Wasps" and "Grubs" meet one evening and set Saturday at 4 o'clock for the fight.

Big Jim Referees

"I'll referee this scrap," nonchalantly announced Big Jim as he pocketed his knife and stretched up to the full height of his 6 foot 1.

"What, you? I'm the referee." It was Johnson protesting.

A Lad of the Hills, Who Despite Environment Won Victory in Competition With Those "Outside"

By John Francis Case

"Who said so?" Big Jim wished to know.

"Why, 'Bull'."

"Not on your life," announced the strapping country boy. "You can keep time. Three minute rounds and if anyone butts in he'll have me to deal with. Ready, Tom?" And the scrap was on.

The watcher smiled to himself for he knew that Big Jim was not of Durham's choosing nor of Tom's. "Some strategists, that Pepper Manning," he chuckled. "Now I never would have thought of that."

Warily the lads sparred for an opening when suddenly feinting with his left, "Bull" drove his right to Tom's jaw and followed with an uppercut that rocked the lighter boy from crown to heel. A yell from the "Wasp" crowd brought a gruff "Shut up!" from the referee. Dazed, Tom fell into a clinch and he was still "seeing stars" when Big Jim pried the rivals apart and Johnson called, "Time!" With all his self-confidence restored, Durham swaggered to his corner. "Easy-pickin'," he confided to a follower. "Watch me give him the Dempsey jab. One more round will be enough."

"Rush him, Tom," advised Marvin

Manning. "That bird can box but he's slow. Remember, old man, that you are fighting for Peace Valley as well as for us. What will your dad think if you get licked?"

"Fighting for Peace Valley?" Why, Tom hadn't thought of anything but his personal grievance and his boy friends. But Durham and his crowd had sneered at the valley folks and he'd make 'em pay. The clannish call of his mountain blood came as he leaped forward and met his enemy again.

Now it was the mountain boy who carried the fight and regardless of the stinging jabs which he could not ward off drove his burly opponent around the ring. A solid smash from "Bull's" right sent the blood flowing and started another wolfish yell. But the round found honors even and less cock-sureness on Durham's part.

A Trick of the "Wasps"

So it went until the fifth round with Tom learning caution as he closed every time but trading blow for blow and evening the boxing knowledge and superior weight of his foe with a speed of foot and a flash of fists that made the eager watcher in the mill mutter,

"Draw, I reckon, and that would be bad." But the sixth round brought a change.

Biff, smash. Give and take. With the savage instinct that is only suppressed in every red-blooded male the watching boys followed every blow. Then suddenly as the advantage appeared to be Tom's Johnson cried out. "Cut it fellows. Here comes Mr. Morton." Involuntarily Tom checked his onslaught and half-turned. "Biff!" Square on the jaw "Bull" caught him and Tom, stretched on the ground but half-consciously heard Big Jim growl as he seized Johnson by the collar and shook him till his teeth rattled. "You hound, that was part of your game. No one is coming and you knew it."

A trick? Before Tom had fought without the hot anger that makes one "see red," but now he remembered John Roberts' advice. "He plays dirty. Watch him." There's no greater dishonor in the mountain code than a lie or an unfair blow and as he struggled to his feet to meet Durham's attack there was the feud call of his kin to avenge a wrong unforgivable.

Like the leaping wildcat of his mountain home Tom Woodson met his enemy and smothered him with a rain of blows that left no chance for return. Back, back, with a fury that brought a cry of dismay from Durham's followers and a yell of fierce approval from Tom's. "Time," cried Johnson but Big Jim ignored it.

"There ain't going to be no time till

this is settled," he told the crowd. "Durham played dirty. Let him get what's coming to him."

Now Durham was swinging wildly, now trying to cover his face. "Biff!" and the bully was down. "Biff!" and he hit the ground as he tried to rise.

"Hold on, Tom," said Big Jim as he grabbed the panting boy. "He's had enough. Ready to call it quits, 'Bull'?" "Yes," muttered the fallen hero thru swollen lips. "I've had enough."

John Roberts slipped down the mill stairway, out of the door, and "happened" to be at the Lane home when Tom and Marvin hurried up. "Goodness, gracious, Tom!" exclaimed Mrs. Lane as she regarded Tom's black eye and puffy jaw. "What's happened?"

"Nothin' much," assured Marvin. "Tom fell and bumped himself. He's all right."

In the room John Roberts took charge and applied first aid. How much he knew the boys could only guess but they did know that the teacher-coach was "wise."

"I don't approve fighting, Tom," remarked Roberts as he produced a bottle of arnica, "but sometimes it's justified. We'll hope that the war's over and there will be no more hostilities. Big Jim makes a corking referee."

Tom and Marvin exchanged startled glances. So Roberts had seen the scrap. Wonder how he got onto it. But Tom's heart warmed at the thought that his friend had cared enough to stick around and see fair play if his position did prevent doing it openly. Yes, he'd play the game thru and play it fair. It would take more than a swarm of "Wasps" to make him quit school or leave the new friends he'd made.

Just a Few Remarks

Principal Morton made no comment upon the marks of conflict still in evidence when school began the Monday following. He did, however, make a short talk regarding school loyalty and the necessity of team work if the school as a whole or the students and teachers as individuals were to get anywhere. "Rivalry as I told you the other day," he asserted, "is a fine thing for it stirs one to more earnest effort, but jealousy and factionalism are twin evils that must be eradicated. We have a greater purpose than simply teaching you the elements of higher education, the instillation of high ideals. Until this school takes for its motto 'All for one and one for all' we never can attain our highest goal." There was a hidden meaning in his words which struck home. In their seats the "Grubs" and "Wasps" wriggled uncomfortably. But the minority felt that factionalism had been thrust upon them and their resentment against Durham and his crowd was only intensified. New fuel soon was to be added to the flame.

The Aftermath

Banker Durham was a just man but with the fondness of a doting father for his only son no faults of that offspring could be observed. When bloody-faced "Bull" showed up at the Durham home his terrified mother at once decided that her hopeful had been slugged and robbed and put in a hurry-up call for the family doctor and for the bank president. Old Doctor Graham chuckled as he applied arnica and court-plaster and assured the mother that it was nothing to worry about, but Durham senior demanded an explanation. Nothing loath, the "Wasp" leader informed his father that a gang led by one Woodson, a "rough-neck hill billy" had set upon him and "beat him up." That was enough for the elder Durham who departed breathing vengeance. President of the school board, he called a

meeting and summoning Principal Morton demanded the expulsion of Tom Woodson. Principal Morton listened quietly, then recounted the episode which had brought on the trouble and requested that John Roberts might be summoned. "Your boy was in the wrong, Mr. Durham," Morton insisted courageously "and we found it necessary to punish him. Of what happened Saturday I have no personal knowledge for we have no control over students on that day, but I have reason to believe that Mr. Roberts knows. He's not much more than a boy himself and I suspect inclined to be a little more lenient concerning 'affairs of honor' than some of us older folks." So Roberts was summoned as a witness for the defense.

The Board Takes it Up

"Yes, sir," John Roberts told the board frankly when questioned. "There was a fight. I happened to see it and I didn't interfere, for sometimes I think trouble is better settled that way than to smoulder thru a school term. It was a fair fight with friends of both Tom and Robert present and Tom won because he is the better man. If you care to question the boys we can send for them."

"Not necessary," spoke up gruff Andrew Johns, "It would be a strange thing if boys didn't scrap occasionally and we have Roberts's word the fight was fair. I move the charge be dismissed."

With four to one against him President Durham had no recourse but it was plain to see that he was not pleased. Principal Morton and John Roberts left the room with gloomy forebodings, for Durham was a power in that community. The school principal found himself almost wishing that he had not encouraged the mountain lad to come to school. But as they talked over the weeks of work they agreed that Tom Woodson was not to blame and that they would stand loyally back of him.

Soon the news spread that Banker Durham had demanded the dismissal of Tom Woodson and it had been refused. It seemed strange to Tom that he, a friendless mountain boy, should become the storm center of a dispute which bade fair to divide the town as it had the school. But in his heart he knew that he was not to blame and that if he quit school he must bear a coward's brand. So he decided he would see it thru to the bitter end.

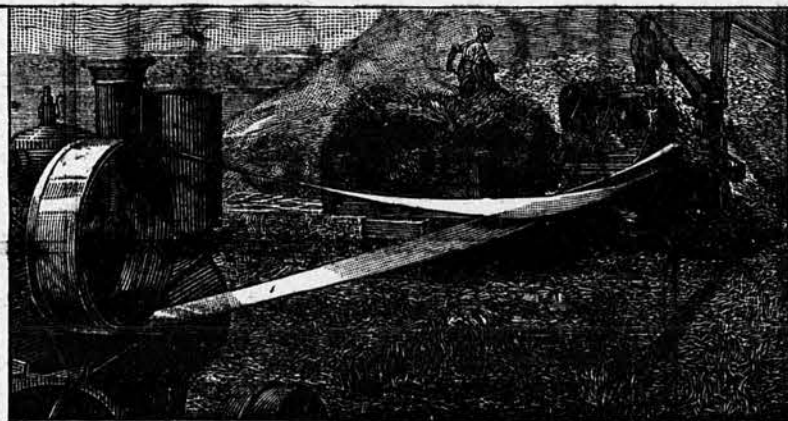
Another Visit of Lame Bill

Lame Bill Kidd coming down from Peace Valley after some "chawin' ter-backer and a few traps," heard the story of the battle from the grocer boy who happened to be a partisan of Tom's. It lost nothing in the telling and a little "pumping" soon convinced Lame Bill that "blood kin of his'n," after having "cleaned up" half the town, still was in danger from the powerful interests that opposed. Lame Bill found it convenient to postpone his visit home and Tom Woodson found him sitting on the front step despite the wintry air when school was out. The students regarded the visitor curiously but Tom was unfeignedly glad to see him and insisted on having him meet Principal Morton and Teacher Roberts.

"One of my kin from the valley," he told Roberts, and the teacher liked Tom the better for his lack of snobbery. Lame Bill was not an attractive person in his skin cap and garb that smelled strongly of civet cat. "Bull" Durham had sniffed loudly as he passed by and that had not been lost upon Lame Bill.

(Continued on Page 11)

YOUR THRESHING—AND GOODYEAR BELTS



Goodyear Klingtite Belt in threshing service on the farm of Jalmer Herre, Halstad, Minnesota

At the height of his threshing, Jalmer Herre, of Halstad, Minnesota, took time last season to tell many of his neighbors how much better his new Goodyear Klingtite Belt was performing than any belt he had ever had in twenty years of farming.

"There isn't a sign of slippage," he said. "No matter how heavy the straw, the belt delivers the full engine power, and there is no jamming of the feeder. Where I used to have daily troubles with ordinary belts—slippage, jamming, re-setting and overheating—the job is pushed through now at top speed."

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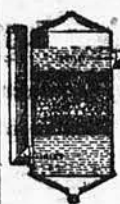
Dept. B

LOUISIANA

Saving Summer Moisture

IF THE WHEAT CROP of 1923 is to make the best yields and profits for Kansas farmers, it is important that it make as quick a start as possible after seeding, and get well established by the time winter comes. Such a result can be obtained only when the conditions are ideal. There must be plenty of moisture and available plant food in the soil, and it must be firm, making a good capillary connection with the subsoil, with only a little loose dirt on top. One can get these conditions only by repeated cultivations, usually with a disk or harrow.

This is one of the points where wheat growers usually are deficient. Perhaps this is inevitable, with the huge wheat acreages which are grown in Kansas. Even if this is true, some improvement can be brought about. The ideal should be to give just as much time to the cultivation of the wheat seedbed as possible. It is certain that this will be paid for well, in greatly increased returns.



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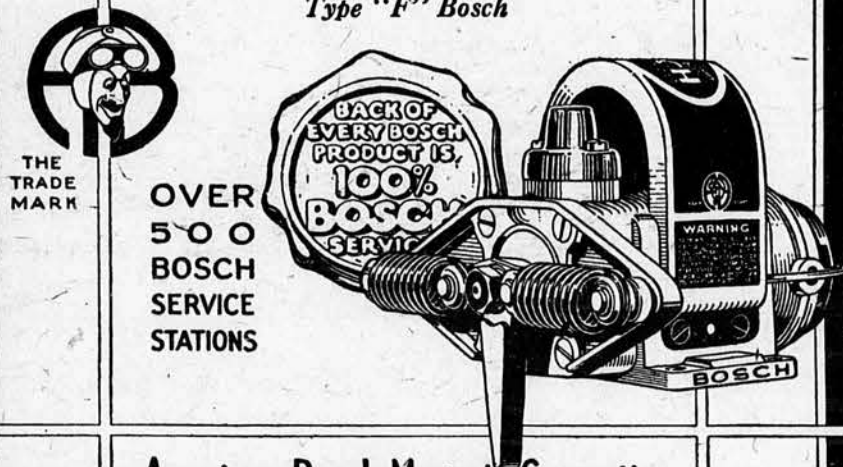
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Biggest Half Acre in Kansas

Tucker Makes the Bees Earn His Living

BY GEORGE A. MONTGOMERY

THE biggest half acre of land in Eastern Kansas, is the way a neighbor described the "farm" of J. W. Tucker who lives just on the outskirts of Pleasanton, Kan. On Mr. Tucker's half acre will be produced this year in the neighborhood of 1,000 pounds of grapes and 4,000 pounds of honey. Mr. Tucker has more than 100 stands of bees and produces between 5,000 and 6,000 pounds of honey a year. However, not all the bees are on the half acre. He has bees "farmed out" at other points in Linn county. That the bees are a paying proposition to Mr. Tucker is shown by the fact that he bought an Overland touring car with the proceeds from one season's honey crop and had a little spending money left.

Ready Market at Home

Practically all the honey produced by Mr. Tucker is sold in the vicinity of Pleasanton. Special attention has been given to marketing as well as to the production of the honey. Mr. Tucker says it is more economical for him to produce extracted honey than for him to produce comb honey, so he has educated the people in that section to use the extracted honey. When the honey is extracted the comb may be put back into the hive to be refilled. This saves a great deal of time which the bees would spend in building comb since it takes them five or six times as long to build a pound of comb as it does to gather a pound of honey. To get people in the habit of using extracted honey Mr. Tucker put on demonstrations in town on afternoons when there was a crowd. He sells the extracted honey at 15 cents a pound, whereas comb honey sells for approximately twice as much. So great is the demand that has been built up that Mr. Tucker says all his honey will be sold before frost comes.

A part of it is extracted and sold in gallon pails. Some of it is sold as mixed honey in glass fruit jars. The mixed honey consists of some comb honey with extracted honey poured over it. Practically all the merchants sell Mr. Tucker's honey. He takes a case of a dozen jars of honey to the store and receives the price of the honey and a case of empty jars in return. Orders, ranging from 1 pound to 500 pounds, are often received. The first order this year was for 24 10-pound buckets and 4 crates of mixed honey.

Italian Bees Best Workers

All except one of the swarms owned by Mr. Tucker are Italian bees. These are preferred because they are superior to the common bees. The swarm of common bees are used as "chore boys" by Mr. Tucker. This hive of native bees is provided with a front entrance and a back entrance. When the honey is extracted from the comb in the fall this comb is put into a hive which is placed at the back door of the hive of common bees. Within a few hours they will clean all the honey out of the comb and store it in their own hive. When a new swarm of bees is brought on the place they also are placed beside the swarm of common workers, where bees from the two swarms can mingle. In this way if the new swarm has any disease it will

show up first in the stand of common bees and Mr. Tucker will not lose his more valuable colonies.

Mr. Tucker does not believe in letting his bees be a nuisance to the neighbors. He says that farmers near an apiary are generally bothered by having bees swarming around their watering troughs. To prevent this Mr. Tucker has hollowed out a stone trough as a watering place for his bees and on a warm day they go to it by the thousands. The trough is filled with small stones which stick out of the water and provide a place for the bees to light. A faucet is left open enough to let water drip into this trough steadily thruout the day, and Mr. Tucker reports that his neighbors are not bothered by bees going to their troughs or wells for water.

Mr. Tucker says care should be taken to keep bees from getting too hot in summer and too cold in winter. To prevent over-heating in summer he moves one of the top sections or supers of the hive aside an inch or two so as to let air into the hive. He says this keeps the bees from sitting outside the hives during the day. In winter he says the hives should be banked with straw or something to keep the swarm from freezing. He says care should be taken also to see that the colony is provided with enough honey to feed it thru the winter.

No Trouble From Stings

He examines all the hives every week to see that they are not full and to see that there is no foul brood or other disease present. In working with bees Mr. Tucker never wears a mask or anything to protect him from the stings. He says bees do not bother him and he cannot recall the last time he was stung.

Mr. Tucker will be 80 years old his next birthday. He is a college graduate, having received his degree from the Northwestern Christian University, now Butler University, in 1869. He went to Linn county in 1876 and settled on a farm. He put out 40 acres of fruit on overflow land and was known as one of the foremost raisers of apples, peaches, grapes and cherries. When he sold out he had enough money to take a substantial block of stock in the First National Bank at Pleasanton. "He finds bee keeping an easier job than fruit farming and says that there is nothing better for an elderly man, who wishes to remain active, and have a steady income. He admits that for one 80 years old 100 colonies of bees are more than enough at certain seasons of the year, so he is training others to take over a part of the work. The bees which he has "farmed out" are at the homes of two of his students.

Mr. Tucker says that there are not enough people who realize the possibilities of bee keeping. He says there is not a section of land in the state but what will yield several hundred pounds of honey every year and he thinks that farmers ought to keep enough bees to provide their families with honey the year round.

We should complain less of, and respect more, our daily task, since it is our greatest schoolmaster.



This is J. W. Tucker Standing by a Hive of His Italian Bees. This Stand Contains 100 Pounds of As Good Honey As Can be Found Anywhere

Tom of the Peace Valley Country

(Continued from Page 9)

"What's this I hear about your havin' trouble?" Tom's visitor wished to know as they walked toward the lane's. Tom looked troubled for he had no desire to have the news reach home. Evasion was useless, however, and soon Lame Bill had the entire story. "Tryin' to run you out, are they?" growled Lame Bill as he spat unerringly at a distant post. "Youngster or grownup, folks of the valley don't run. Now I can't fight much with this lame foot a pesterin' me but if it comes to shootin' count me in."

Hastily Tom assured his belligerent kinsman that he could hold his own and that no shooting would be necessary. But before Lame Bill left he had won Tom's promise that if there was any attempt at "ganging" the folks of the valley should know. It was good to feel that those of his own blood were back of him.

As a bearer of tidings, Lame Bill was a distinct success. Five hours after his return folks in the most distant cabin in Peace Valley had been thrilled by the news that a son of the valley had "whupped" the bully of Blanton; "son of the bank president by cracky." And that feat did more to restore Tom Woodson to the esteem and affection of his mountain cousins than if he'd won the highest scholastic honors of the school. The men of the mountains were shy on the meaning of cube root or as to why plain water should be called "agua pura" but they knew what it meant to fight and win. When Tom Woodson reached home for his semi-monthly visit he found a different atmosphere. Even old Grand-pap Martin came up to congratulate.

Roberts is Vindicated

"Thought they could whup a Coon Creeker," he cackled. "Golly, I knew you'd show the 'Outsiders' a thing or two."

Sam Woodson beamed as Lame Bill again retold the story as he had heard it. "I told you," observed Sam, "thet Roberts kid would show him something." Tom smiled as he reflected that his dad was more than half right.

But Tom Woodson had no desire to gain a reputation as a fighting man. Within him had begun to burn the desire not only to learn but to impart knowledge as John Roberts did. The study of soil and seed and plant had become a fascinating pursuit. Some day he hoped to prove to these loyal folks of his that more had been gained by spending money for schooling than the opportunity to win a fight.

Tom Wins Respect

There had been a different atmosphere in school, too, since that memorable event. Durham held his following but there were fewer sneers and no open attempt to "ride" Tom Woodson or any of his tribe. Big Jim Collins had dropped a hint that if any of the "Wasps" attempted to "double-team" a "Grub" he would call for a settlement and "take it out of their hide." So the days passed peaceably enough and Durham back on the basketball team was playing a whale of a game at guard. Tom had won the center position on the regular team and in mid-winter the Blanton quintet began the games with other schools. Team work was the thing that Coach Roberts continually impressed. "You're a machine," he told the boys. "Forget individual play and play for the school. Woodson and Ransom are our surest shots. Feed the ball to them." But altho Durham followed instructions it was galling to hear the cheers for Woodson when a goal was made. He could do as well if he had the chance.

Blanton is Defeated

It was in a hard fought game with Lyndon that the chance which Durham coveted came. Goal after goal had Woodson caged and the cheers brought bitterness to Durham's heart. With Blanton leading by two points in the closing minutes, Durham grabbed the ball and ignoring Coach Roberts' signal to pass to center, dribbled down the court and tried a throw. The ball rebounded and a minute later Lyndon had scored and tied. Smarting because of his failure Durham "rode" a Lyndon forward savagely as the ball went into play and was penalized. Before the whistle blew Lyndon had scored a free throw and was jubilantly celebrating a victory snatched from the fire. But

John Roberts and his team knew that Robert Durham and not Lyndon had made that victory possible. In the next game there was a new man at guard and "Bull" Durham nursing his anger blamed it all on the "hill billy." "He'd have missed, too," Durham assured himself. "It was a dirty deal to take me out." Some way he must play even with the boy who always seemed to get the best of it. Nor did the severe "calling" which Roberts gave him for "dirty" playing help the matter. "Win, no matter how," was Durham's motto and upon such a foundation he proposed to build.

Winter Work

With an unusually open winter, Roberts and his class had been able to take their trip afield almost thruout the term. Interest in better farming was just awakening and as yet no county agent had been employed. The vocational teacher found most of the fathers skeptical of his "new-fangled" methods of farming but with inherent hospitality they took him into their homes, allowed him to "nose around" over their fields and to use their livestock in demonstration work. Diplomatic and resourceful, John Roberts had won the friendship of the most influential men whose sons were in school, had arranged for demonstration plots for soybeans and kafir and guardedly was beginning to "feel out" sentiment regarding a sow and litter contest in swine project work. It

would take money to put that over and one day he called on Banker Durham to see if plans could not be made to finance the students in purchasing purebred stock. Coldly the senior Durham listened, then delivered this ultimatum. "Not a cent while that 'rough neck' from the valley is in school; plenty for all deserving boys in your class if you turn him out."

When Roberts asserted that Tom Woodson never had given reason for expulsion the banker countered with an implied threat that either Tom must go or Roberts would lose his job. The answer he got was short and direct. More stirred than he had been since the war episode which had won Sam Woodson's admiration, Roberts left the bank. So that was the sort of a dad "Bull" had; no wonder the boy was a "dirty" player. But after all was it worth while to continue in a school divided by factions and where the school board president was against him? Other places were calling, why not go?

John Roberts was no quitter but the outlook was discouraging. Perhaps it would be well to consider that latest offer from "Far Outside." He took the problem to bed with him and awoke half-decided to turn in his resignation. What was the use of wasting time when positions with better salary and better opportunity called?

"Mr. Roberts, could you go home with me and spend Saturday?" It was

(Continued on Page 14)



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Give it even ordinary care, and it goes on and on, always ready and willing to work.

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Hupp Motor Car Corporation, Detroit, Michigan

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SEP 2 1922

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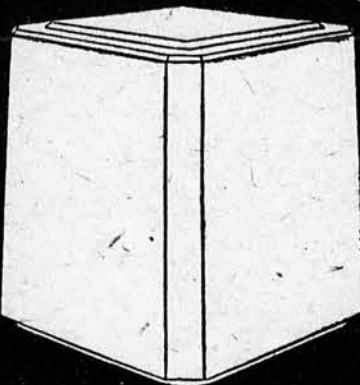


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Middle West Plains News

BY EARLE H. WHITMAN

THE Kansas state charter board re-
cently granted a charter to the
Finney County Co-operative Truck
Growers' Association of Garden City.
The organization will engage in co-op-
erative marketing of poultry, eggs, but-
ter, cream and garden products. The
company is capitalized for \$5,000. Most
of the members of the association are
small truck farmers in the irrigated
district of Finney county.

Poor Chance for the Weeds

Fifteen days from the time the har-
vester was started to cut the grain on
the 250-acre wheat farm of A. G. Britt
of Bloomington township, Smith county,
Kansas, the field was in condition for
another crop. The wheat, which yielded
20 bushels to the acre, was harvested
and threshed with a "combine," and
hauled to the elevator. A tractor pull-
ing a three-bottom plow, and a team of
horses drawing a two-bottom plow
then turned the big field under in eight
days.

Plowed 40 Acres in 13 Hours

What was said to be a new record
for rapid plowing in their part of the
state was made recently by Clare and
Earl Morgan, living near Smith Cen-
ter, Kan. Using two tractors, each
with three 14-inch bottom plows, the
Morgans turned under 40 acres of
stubble in 13 hours.

Has Profitable 14 Acres

A. P. Cram, a Hutchinson, Kan., truck
gardener, has been keeping books. In
five crop years, his books show, he has
sold \$30,000 worth of vegetables from
a little patch of 14 acres. This year he
marketed pepper plants at the rate of
\$2,000 to \$3,000 an acre. His tomato

crop yielded \$3,000 from 2 acres, and
his cabbage has produced \$400 an acre.
Mr. Cram has developed a new cherry
plum, by crossing the ordinary cherry
with the Kansas wild sandhill plum.
The fruit is said to be larger than the
ordinary cherry and sweeter than a
plum.

Believes in Summer Tillage

That summer tillage is the best
method of raising wheat in Western
Kansas is the belief of Albert Weaver
of Cheyenne county, Kansas. Mr. Weav-
er and his son had out 4,000 acres of
wheat this year, 500 acres on new sod
and the rest on second year summer-
tilled fields.

"I am convinced," he declares, "by
my observation and experience in
growing wheat by summer tillage, that
the great semi-arid region east of the
Rockies, including the western third
of Kansas with its annual rainfall of
from 12 to 18 inches, awaits the genius
of the farmers to adopt and apply
rightly the principles of summer till-
age to transform it into the greatest
wheat producing belt in the United
States."

Better Sires for Colorado Farms

An unusual plan has been devised to
forward the Better Sires campaign in
Colorado. Co-operating with the ex-
tension service and the animal hus-
bandry division of the Colorado Agri-
cultural College, the Burlington and
Colorado Southern railroads have prac-
tically completed arrangements for a
special train to be run this fall over
the roads named. The train will carry
young purebred sires of popular breeds
of cattle and hogs. These sires will
be traded to farmers for scrub sires

that have been in use this season.
The scrubs will be shipped in carlots
and sold to the packers. The purebred
sires will be given by livestock breed-
ers of the state and will be assembled
in Denver. The returns from the scrub
sires sold will go to the breeders giv-
ing purebred sires, so the trade will
be made without any expense or obli-
gation on the part of farmers turning
in scrub stock.

Pratt Farmers Want Better Wheat

Pratt county, Kansas, farmers are
getting ready to put in the best seed
wheat they ever have used, in an effort
to have the largest and best crop the
county ever has produced. More atten-
tion has been paid to selection of seed
wheat this summer than in any other
year. Mills and elevators are aiding in
the campaign. The Pratt mills pub-
lished an appeal from the Southwest-
ern Wheat Improvement Association to
farmers to make better selection of
wheat, and also to plow early.

These Cattle Paid Out Well

J. L. Breeding & Sons, operators of
the Tootle ranch in Marshall county,
Kansas, realized a good profit on a
bunch of 46 cattle fed for market. The
plan of feeding was outlined by C. G.
Randell, agriculture department direc-
tor of the Marysville schools. The total
cost of the steers was \$1,531.92. The
total cost of the feed was \$913. Other
costs totalled \$78. When marketed, the
net profit was \$1,199.08. Two hundred
hours were allowed for labor, giving
the feeders approximately \$1,200 for
their time.

Hen Tries Raising Kittens

A Leghorn hen on the Will Lea farm
near Smith Center, Kan., suffered mis-
fortune with her setting of eggs and
brought off only four chicks. She ap-
peared unsatisfied with such a small
family, and finally appropriated two
of a large litter of kittens. According
to last reports, she mothers and nestles
the kittens just as she does her
chickens, and her adopted children
seem content as long as their real
mother comes around for regular nurs-
ing time.

In a Hickory Stick Mood

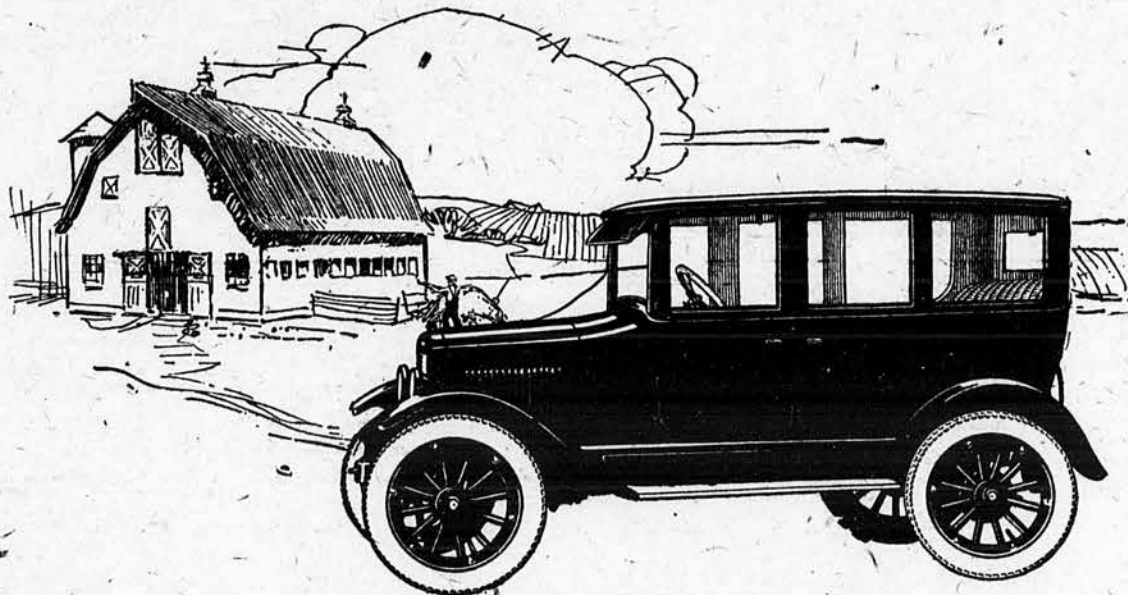
(Continued from Page 3)

under federal control of the railroads
during the war, which he thinks in-
creased expense, handicapped the roads
in efficient operation and have seri-
ously hindered the downward revision
of freight and passenger rates, particu-
larly the former.

The average farmer doesn't give a
tinker's dam for organized labor or
organized capital. He is pretty strongly
converted to the idea that a man has a
right to work when, for whom and at
whatever wage he may decide. The
farmer, altho he has had ample cause,
has never gone on strike. He produces
food and in the last few years he has
taken less money for it than he spent
in producing it. But he didn't strike.
He protested and objected and de-
manded and he is getting a fairer deal
today than he got yesterday. Probably
he could have starved the Nation into
quicker response; but he isn't that
kind of a man.

This opinion isn't held by Kansas
farmers alone. Recently the Illinois
Horticultural Society, in formal reso-
lution, condemned both the rail and
coal strikes. The resolution set forth
that "the three things most essential
to the public welfare are products of
the soil (food and clothing), fuel and
transportation.

"We believe that in disputes affect-
ing these basic needs the whole power
of the Government should be used to
bring about an orderly return from the
intolerable situation that now con-
fronts the people of this Nation. As
producers of food we do not strike and
we do not claim the right to strike. We
have taken our losses as a necessary
result of economic conditions. We be-
lieve that the production and distribu-
tion of basic products, including agri-
cultural products and natural resources,
are matters of general public concern,
and that it is unpatriotic and out of
harmony with the principles of our
Government for any individual or
group of individuals to presume to
interfere, either directly or indirectly,
with the production and distribution of
such products to such an extent as shall
prejudice the health and comfort of the
general public."



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THE wonderful dependability of the
Overland Sedan makes it the ideal
car for the American farm.

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yours in this beautiful car. It comes
completely equipped with electric starter,
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regular three-speed transmission.

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road or smooth macadam in a riding com-

fort equalled only by cars of longer wheel-
base and much higher price.

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you more miles at less cost than any other
car. Owners average 25 miles and more to
a gallon, and repair costs are surprisingly
low.

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before you see the Overland Sedan.

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at \$895 SEDAN
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Roadster \$550
Coupe \$550

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Farm Organization Notes

BY RURAL CORRESPONDENTS

ALL cattle exhibited at the Marshall County Fair this fall must be tuberculin tested before they can be shown, according to Guy Steele, superintendent of cattle exhibits. Every breeder must present a certificate proving his cattle are free from tuberculosis before entry can be made. Mr. Steele says it is the duty of each breeder to exhibit and everything will be done to take care of the animals while they are at the fair.

Grasshoppers in McPherson

Grasshoppers have appeared in damaging numbers in several parts of McPherson county, according to V. M. Emmert, county agent. Mr. Emmert has held poisoning demonstrations in Lone Tree and Harper townships as a means of helping farmers control the hoppers. The pests have been particularly destructive in alfalfa fields following the second cutting and considerable damage has been done to corn. Some fields of kafir and milo have been completely destroyed. The grasshoppers can be poisoned at an expense of 25 cents an acre and a few minutes' time, according to Mr. Emmert.

Anderson Farms Need Lime

That many soils in Anderson county are in need of lime was shown by 29 soil tests made recently by A. W. Foster, county agent. It was found that 23 of the 29 samples needed lime. Of the six that showed no acid and needed no lime one was from subsoil, two from bottom land, and another from a field newly broken from the original

prairie sod. The samples were taken from the farms of J. M. Thomas, Henry Feuerborn, Lee Wildman, J. H. Rogers, F. O. Patton, J. C. Berry, E. A. Louk, E. E. Sutton, J. A. Hall, Mrs. M. T. Crosby and D. T. Sherwood.

Harvey Almost Free of Prairie Dogs

County Agent A. B. Kimball and Prof. Otis Wade made a final check up on Harvey county prairie dogs last month. They found from one to a dozen dogs in the towns on the following farms: Reed Brothers and P. G. Martens, Alta Township; J. J. Kliever, Burrton township; John Devenpeck, Lake township; E. W. Ewy, Garden township; Alfred Seller, Halstead township; Joe Schwartz, Lakin township; C. V. Gatz and Fred Tangeman, Newton township.

With one or two exceptions the Harvey County Farm Bureau has had the finest sort of co-operation from the farmers, in cleaning up on this job which has proved much bigger than was anticipated.

Capons Bring 30 Cents a Pound

C. H. Daggett, who lives south of Fort Scott, has found that capons are a paying proposition. Last Christmas he sold capons at 30 cents a pound, live weight, and they weighed from 8 to 12 pounds. Mr. Daggett is a believer in good feeding. He says it is more profitable to keep 100 well fed chickens than 200 which are poorly fed. He has built up a demand for high quality eggs and is making the poultry business pay. He raises Rhode Island Red chickens.

Grain Growers to Reorganize

New Officers and Board of Directors are Chosen and Operating Expenses are Cut to a Bare Minimum

THE U. S. Grain Growers, Inc., a national organization of farmers to handle grain marketing, which in recent months has experienced many serious difficulties, has been completely reorganized. The former administration has resigned, a new board of directors has been chosen, salaries of executive officers eliminated and expenses cut to a bare minimum.

The reorganization was effected at a meeting in Chicago August 4 and 5 when the old administration, including officers and directors, resigned and new governing bodies and officers were elected.

E. H. Cunningham, secretary of the Iowa Farm Bureau Federation, is the new president of the organization; H. J. Keefe, Nebraska, vice-president; J. M. Mehl, secretary and Chas. E. Gunnels, treasurer.

Kansas Man Elected Director

Ralph Snyder of Kansas, president of the Kansas State Farm Bureau Federation, was elected as a member of the new board of directors. Other members are: Howard Leonard, Illinois; John F. Boland, Missouri; John G. Brown, Indiana; Charles W. Hunt, Iowa; O. E. Bradfute, Ohio; J. F. Reed, Minnesota; George McKerrrow, Wisconsin; E. H. Cunningham, Iowa; R. A. Cowles, Illinois; W. R. Crowther, Missouri; T. I. Ferris, Indiana; H. L. Keefe, Nebraska; A. J. McInnis, North Dakota; Charles B. Steward, Nebraska; Eugene Funk, Illinois; Herman Danforth, Illinois; B. F. Parmenter, Nebraska and A. G. Burgeson, North Dakota. Two directors remain to be chosen.

Charles E. Gunnels, treasurer of the American Farm Bureau Federation, is serving as treasurer of the U. S. Grain Growers, Inc., without pay. Secretary Mehl will receive a salary of \$5,000 a year. No other officer receives any salary. Per diem compensation for directors was fixed at \$10.

E. H. Cunningham, R. A. Cowles and J. F. Reed are members of the executive committee which is vested with wide powers. This committee controls the U. S. Grain Growers Sales Company. An advisory executive committee, to advise on questions of financing and

marketing, consists of Bernard M. Baruch, New York; Alexander Legge, president of the International Harvester Co., Chicago and Frank O. Wetmore, president of the First National Bank, Chicago.

Secretary of Agriculture Henry C. Wallace and Secretary of Commerce Herbert Hoover have been invited to serve as ex-officio members of the board of directors, representing the public.

A report to the meeting on the financial situation of the U. S. Grain Growers, Inc., showed total liabilities of \$394,582.75, with assets totaling \$109,315.48, leaving a net deficit of \$285,267.27.

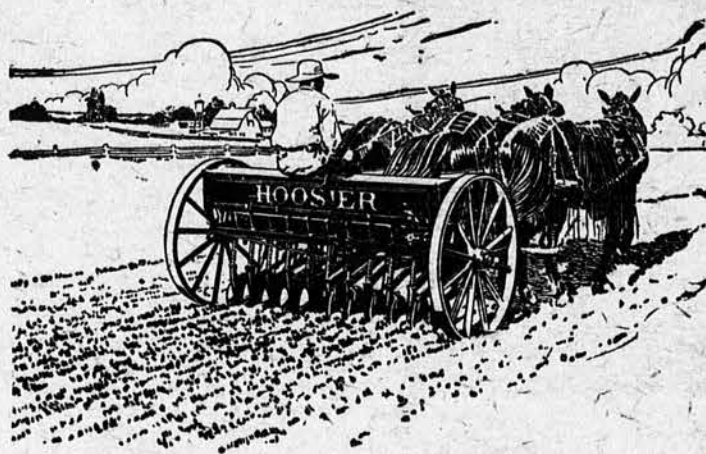
New Policies to be Followed

The reorganization was effected thru the recommendation of the Mid-West Farm Bureau Creditors' committee. This committee made suggestions which were carried out in the reorganization. The following recommendations in regard to future operations of the organization, also were made:

"It is recommended that sales companies be set up under efficient management at the various important grain markets to begin handling grain by direct sales and thru the exchanges, and that the management be given broad powers in the administration of the sales agencies, and further that suitable arrangement be made for handling the export trade.

"It is recommended that as sales agencies are opened the membership campaign of the U. S. Grain Growers, Inc., be again set into motion in the various grain states where suitable arrangements can be made. It is urged that not to exceed \$5 of each membership fee be devoted to organization work within a state, and that out of the balance of said fee at least \$4 be set aside to meet the present indebtedness of U. S. Grain Growers, Inc.

"In accordance with the former recommendation of your committee, it is urged that the general overhead expenses of U. S. Grain Growers, Inc., be reduced to not to exceed \$20,000 a year until all obligations, outstanding at this time, can be met."



Time-tried Drills

NO MATTER how cleverly a grain drill is designed, how beautifully it is finished, no matter what claims are made for it, the stand of grain that follows its use is a sure indication of its worth. A drill that has been marketed successfully year after year for generations must have earned a reputation for good work, lasting service and genuine value. It can be depended upon to sow evenly, accurately and at a uniform depth.

Hoosier, Empire Jr. and Kentucky

More than 50 years ago these names were introduced to grain farmers of the world. These were good drills then. Since that time the constant effort to improve them never has been relaxed. They stand today at the top of the list—light in draft and weight, convenient to use, and with a well-earned reputation for dependable, lasting service.

There is a style and size for every requirement—plain and fertilizer; wood or steel wheels; all standard types of furrow openers; for horse or tractor power.

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Come to Topeka to the Kansas Free Fair. There will be wholesome fun and educational entertainment for the whole family. Crank up the car; you'll find good auto roads from every direction, or come by any railroad for fare and a third for the round trip. New shows and new and startling thrills. The finest exhibits of Kansas agricultural resources.

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Sept. 11-16

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"The Gates Stand Open"
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BIRDSSELL MFG. CO., 1004 Santa Fe Street, KANSAS CITY, MO.

Tom of the Peace Valley Country

(Continued from Page 11)

Tom Woodson bashfully making the request. Thruout the term John Roberts had been desirous of visiting Tom's kinfolks and seeing the sort of environment which had produced a lad who was outstripping every competitor in the race for knowledge. Truth compels us to admit that Tom had hesitated to ask his friend to the humble cabin home and earlier in the term he had not been sure of the reception that would be accorded by valley folks. Lane Bill's report and the story of the prowess of John Roberts as told by Sam Woodson, tho, had paved the way and Tom knew that altho the folks of the valley might think his friend's farming methods "high-falutin'" he'd be a welcome guest. It was a fine morning when they set off for the 10-mile hike and Roberts enjoyed the upward climb. Up, up until finally they stood upon the summit and looked down upon Tom Woodson's home.

Looking Down

As Mary Woodson had looked down into the valley in the days gone by, John Roberts looked and something gripped his throat and brought moisture to his eyes. There was no hum of industry, no imposing buildings, but peace and happiness were pictured in the outspread scene. Unbound by winter's chains the little river which had given the valley its first name still

sang, the smoke curled lazily from the cabin chimneys, and the shouts of children at play could be faintly heard. "Why, Tom, it's beautiful," said Roberts. "No wonder you and your folks love this valley. In summer it must be wonderful."

"It's a part of us," replied Tom. "The only home most of us ever have known or will know for few of the valley folks go 'Outside.' Look, there's mother waving from the second house." And Tom waved vigorously in reply. Then down, down, until the valley was reached and Lane Bill Kidd in the first cabin was welcoming the visitor.

Forgotten memories of her girlhood stirred in Mary Woodson as she talked with the stalwart stranger who was her son's guest. Such had been the type of young men who infrequently had been sent from the state college of agriculture to judge at fairs in her old home town. Clean-cut, courteous, stamped with the undefinable something that college training and association gives, Mary Woodson found her heart filled with a great longing that her boy might become such a man. Something of this she confided to John Roberts as they waited for the return of Tom who had joined his father to complete the run of the trap line. As never before the teacher had brought home to him the fact that he was more than an instructor, that he was being held up as an ideal whose example they should emulate. And John Roberts, young as he was, found an unspoken

prayer in his heart for strength and wisdom that the boys and their loved ones should not find him wanting. After all in the great scheme of things a real man cannot live for himself alone. There died the half-formed purpose to resign and take the easier way. "God helping me," said John Roberts in his heart, "I'll be the friend to this mother's boy that she wishes me to be."

"So you're the school master? A right smart heavier than when I seen you increasin' wheat acreage durin' the Great War," and Sam Woodson's laugh rang out as he gripped the visitor's hand.

"A little," acknowledged Roberts as he returned the pressure, "but I'm trying to increase yields instead of acreage."

"Well, I reckon if you use the same method you'll do it," said Woodson as they went inside. "Never thought much of farmin' till I seen you in action, but by golly, if you work as fast here as you did there we ought to break some records this year."

Roberts smilingly disclaimed any desire to use the "same methods" but he felt himself drawn to this virile son of the hill country. Unconsciously he found himself contrasting Woodson in his humble home with his uncouth manners with Banker Durham, smug and complacent in his modern residence. "Blood will tell," thought Roberts repeating a maxim old but true. As a sire for worthy sons he'd put his money on Sam Woodson in the big game of life and only opportunity would be needed to make Sam's son a man among men. But Tom Woodson had vowed that he never would leave his mountain home. What could opportunity offer there?

There was no lack of fertile soil near Blanton. The town bordered Rogue River, one of the larger streams which flow thru the hill territory. Corn projects in the vocational agriculture work had been arranged and Roberts had ordered seed thru the secretary of the state corn growers association. Far below the average yield for the state, however, no farmer really knew how to produce the king of cereals. Going to the crib in springtime he chose his seed, listed it in, "hoped for" a stand and after a few perfunctory plowings, "laid by"—and "off" until gathering time. The father of John Roberts had been what one neighbor termed a "corn growin' fool" and the vocational teacher had learned the secret of corn growing at his father's knee. A string of ribbons and two trophies for state yield championship had proved the prowess of "Roberts & Son" before the son entered college. John Roberts knew corn and the type of soil that must be had to grow it well. When questioned concerning corn project work, Tom Woodson had replied that no land in the valley would grow corn well. "What's your best yield?" the teacher had asked. "About 25 bushels," Tom had replied and Roberts laughingly had remarked that he'd best stick to kafir or try soybeans. And 25 bushels an acre was a good yield for any valley farm. The fur crop was their crop, not corn.

(TO BE CONTINUED.)

Capper Attacks Sisal Trust

Philadelphia Record.

If Senator Capper's attack on the sisal trust will result in a full disclosure of the facts with respect to the production and sale of sisal in the State of Yucatan and the manner by which the price of twine has been manipulated at the expense of the American farmer, he will be performing an important public service. His procedure in this matter seems to be correct inasmuch as he has made formal complaint to the Attorney General, citing a provision in the Sherman Anti-Trust law prohibiting alleged conspiracies to increase the selling price of foreign products in America.

Our Best Three Offers

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

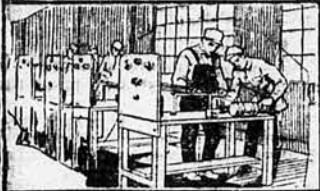
Kansas is advantageously located for selling surplus dairy cattle. Farmers in the states to the west and southwest are not going to travel across Kansas to buy cattle if they can find them in the state.



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That's my offer, men! It's the fairest, squarest, most liberal offer ever made by a first-class school. For only a Limited Time! Take advantage of this worth-while saving. Decide right now to be a trained man—an expert—and draw Big Pay. Come to my school where you get personal training and actual experience—where you have plenty of up-to-date equipment and master instructors who are interested in you. Learn all branches of the AUTO and TRACTOR BUSINESS—and learn right!

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The Way to a Better Job

Capper Pig Club News

Harper Leads at End of First Three Months

BY RAYMOND H. GILKESON
Assistant Club Manager

INSTEAD of looking to see how many degrees of heat we are having, let's take a look at the thermometer that tells what the various clubs are doing in the pep race. The question you should be asking yourself is, "How hard am I working to win?" The report in this story is a complete record of what the leading clubs have done in the pep race thru April, May and June. Since all reports were not in at the time this story was written it was impossible to include reports for July, but in the next story an effort will be made to give the pep standing up to August 1. The following table shows the standing up to July 1:

Harper	256	Neosho	191
Morris No 1	247.9	Jefferson	183
Republic	240	Ellis	176.2
Morris No 2	225	Linn	176
Osage	217	Lyon	170.8
Mitchell	212	Anderson	165
Jackson	209	Jewell	163
Shawnee	197		

What does this table mean? It means that every boy in Harper county has made 256 points, and on down the list you'll see the number of points each boy in each county has to his credit. The thing to do to get ahead in this race is to work harder for more points. Harper county isn't ahead just because it happened that way, but because of hard work. Don't say it's impossible to get ahead. Instead, make up your minds to get ahead.

Naturally there will be more changes in the pep standing before the end of the contest. If you have the paper in which the pep standing was given before, make a comparison and you'll see quite a difference. It's up to each county to climb the ladder to victory.

Let's Consider Vaccinating

"My pigs got the cholera and I lost one, and my father lost three." That was written by Roy Smith, Osage county, and as I read it I thought it might be considered a warning to club members. The way I look at the proposition of vaccination, it seems foolish not to protect yourself. In a showdown it may mean a good profit or a big loss. If you vaccinate when the pigs are young it will not cost a great deal, and then you will be safe. On the other hand you may wait until cholera has found your pigs and before you know it you'll lose them. It isn't compulsory—you're not compelled to vaccinate—but it isn't going to do any harm to think the matter over a little.

Study Fair Premium List

Edward Hutchinson of Smith county writes that he is planning on taking some prize money at the county fair. He has one of the premium books and has found that he can enter his pigs in many different places, and by doing this he is confident he will take away some of the ribbons. That is the way to go after a thing. Study about it beforehand, and then take advantage of every opportunity to win.

Interesting Letter from Chase

"Yes it is hot, but this is the kind of weather it takes to make nubbins for hog feed next year. The prospects are good for a big crop. I have a good sized hog house for my sow and pigs. Then while threshing we blew the straw on a framework of logs, making a large straw shed. I don't think I will lose any hogs this summer because they have plenty of shade, green feed and fresh water. If everything goes all right and it doesn't cost too much I will take my pigs to the county fair next month." That is the kind of letter Robert Hawkins of Chase county writes, and in an interesting way he tells all about his club work and plans for the future. Oh, Robert isn't the only one who writes interesting letters, but I knew other club members would enjoy reading a letter just as he wrote it.

What Other Boys Write

"My pigs are growing fine and soon will be 3 months old. We have good times at our club meetings and are planning a three-day hike sometime this month."—Clyde Welch, Morris county.

"I have not sold any of my pigs yet as I believe I can make money by keeping them awhile. All male pigs will go to market except one, which is better than the rest.—Wilmer Allen, Labette county.

"I have saved all my pigs but one, which died the day it was born. My pigs are so tame that I can do almost anything with them. I have no place to sow any pasture for them, but they are getting free range of the place, running in the alfalfa and around the new straw stack. They will weigh as much, if not more, than the weights given in the bulletin on swine management. I have my pigs entered in the district futurity for Sumner county, and I expect to get some prize."—James Russell Ash, Sumner county.

Earning His Sow

Roy Medearis, Woodson county, was away from home working in the hay field and couldn't send in his July report, but his mother attended to that, and in a letter she writes: "Roy is away from home running a mowing machine. He wants to make enough in the hay field to pay for his sow. This is his fourth week haying this summer, but I see that his sow and pigs are well cared for while he is away. The first thing Roy asks about when he gets home is his con-

test litter, and they are something of which to be proud." Roy means business, all right, and has more than one iron in the fire to make his summer's work profitable.

Invest Safely and Profitably

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

Information on Cider Making

The Government has just issued an excellent Farmers' Bulletin, No. 1264, on Farm Manufacture of Unfermented Apple Juice. There will be a good apple crop this year, and it is likely that more cider will be made than usual—every farmer who is interested in making use of his cull apples should send for a copy. It may be obtained free on application to the United States Department of Agriculture, Washington, D. C.

STERILIZER

One Cent a Gallon

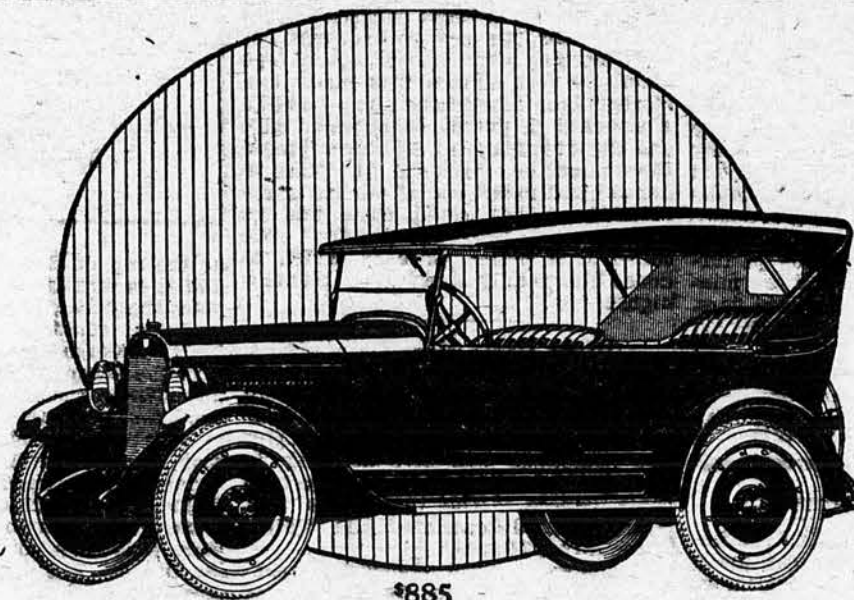


Sterilize pails, milker, cans, strainer and separator with B-K in rinsing water. Kills germs that sour milk and cream—makes utensils sweet. Helps protect stock. Very cheap—one gallon B-K makes 400 gallons sterilizer. Write for bulletin 320-B. Money back if not satisfied—at your dealer. None genuine without our big blue label and trade mark.

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Madison, Wisconsin

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We will pay well for your time—all or part of it—if you have had experience in raising live stock, especially in raising hogs. Our representatives supply live stock raisers with a huge quantity of quality stock conditioners, dips and remedies, and make big money, because our products satisfy. Are you interested in a business proposition that is interesting, clean and profitable? If so, write us today, sending information about yourself and tell us how much time you can give. You don't need to have selling experience. We train you and furnish all sales help. Write today. AMERICAN LIVE STOCK POWDER COMPANY, Desk "A" Shenandoah, Iowa.



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The Good

MAXWELL



Our Kansas Farm Homes

Mrs. Ida Migliario
—EDITOR—



HERE is a spicy dish you will enjoy eating better during the coming winter than you will making it now—no doubt. Late sweet corn is excellent for the purpose.

Chop 1 head of cabbage, sprinkle with salt and let stand 1 hour. Boil 1 dozen ears of corn and cut it from the cob. To the corn add 4 large onions, 1 large or 2 small red peppers, and chop all together. Add the shredded cabbage and corn to a dressing made of 1 1-2 quarts of diluted vinegar, 1 tablespoon of mustard, 2 teaspoons of salt, 1 tablespoon of celery seed and 1 cup of sugar.

Let come to a boil then add 1 tablespoon of flour and 1 teaspoon of turmeric mixed together. Cook a few minutes then seal in well sterilized jars. This relish is delicious when served with fresh meats.

Farm Home News

BY MRS. DORA L. THOMPSON

It may seem like attempting the impossible to tell one how she can make castor oil palatable. Miss Martin, in her second lesson in the school of home nursing, has told us how castor oil may be taken with ease.

To begin with, Miss Martin says castor oil should be kept in a cool, dark place. Probably the cellar would be such a place. This will prevent it from becoming strong and rancid. When a dose is needed, it should be measured out into a tempered glass or bottle, set in warm water and boiled 40 minutes. It should be swallowed as warm as possible. This does away with the sticky oiliness. It further makes the dose effective in 40 minutes instead of the usual 2-hour period.

I believe, too, it was warranted to remove the gripe but I am not certain about that. The oil treatment was suggested as one of the best methods to use in getting rid of a cold in the first stages.

How to Clean Hands

The mother who must be cook for the family and nurse for some member of it has need to be exceedingly careful of her hands. Mere washing in ordinary water does not sufficiently disinfect them. Miss Martin recommends a cake of green soap or some of the liquid.

After a thoro washing and scrubbing the traps—under the finger nails—a dip into a lysol solution will make the hands clean. Door knobs and other things handled should be kept clean.

Heating Flannels

One easily made help in using hot applications is called a stupe. This might be likened to a long, narrow bag, closed at both ends and with a slit down one side. Thru a casing on each

end a piece of broom handle is inserted. The flannel to be heated is placed in the slit and the stupe dipped into hot water, the broom sticks serving as handles. When heated, the sticks are turned in opposite directions and the water is squeezed out.

Castor Oil for Limberneck

Recently, we have had a half dozen young chickens sick with limberneck. Two of them were about dead, when found; the others were in first stages. Lacking our usual remedy for such an ailment, we consulted a neighbor. She recommended a tablespoon of castor oil. It proved to be an effective remedy for three.

A search for some decayed meat that the chickens might have eaten disclosed a rabbit's head. It had probably been left by a cat or the dog.

Out Door Sleeping Quarters

Friends in Wisconsin write quite boastfully that their summer has been ideal in that they have had cool nights. Usually there is a still heat that is much more trying than our breezy one. We have not had many warm nights but when such has been the case, a tent has proved to be a boon. Those who sleep upstairs like the cots in the tent.

Recently, on a cross country trip to Valley Falls, we saw an excellent out door sleeping arrangement. A garage about 20 feet square was made two stories high. The second story was like a screened in porch. This would give one the advantage of whatever breeze there might be. "What a fine place to house hired men," one of our party exclaimed. "They could come and go without disturbing the family." We called it a better place in which to house the family during hot summer nights.

Want Some New Games?

No need to bemoan the fact that all the games played at parties in your community have become "stale." Our two pamphlets will give new life to your parties. And they only cost 15 cents apiece. The pamphlets are, "Games for All Occasions," and "Thirty Three Mixer Games."

If you are in need of new ice breakers, send an order for one or both of our pamphlets to the Amusement Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.—Adv.

Favors a Small Kitchen

Before we remodeled our house our kitchen, a large room, was a combination cook room, laundry, bath room, passage way and dining room. Believing the correct kitchen a place for the preparation of food especially, and perhaps the storing of it, I insisted, when we remodeled, that that room of my house be such a one. For a small kitchen used only for food purposes I believe not only more sanitary but permitting of more compact and convenient arrangement of equipment.

And to take care of those needs which the old kitchen supplied the large laundry room off the kitchen is used also for a wash room and general storage. Here also are hooks for the work clothes of the men and space for the muddy boots and rubbers of the children. Mrs. R. E. R.

Cherokee County.

Trimings Found in Scrap Bag

If there is one thing in all this world that always retains a thrill for the average woman, it is a scrap bag. Garments long since discarded, small scraps and large scraps of "left-overs" hold an added charm when the explorer of the scrap bag decides they are usable.

Just at this season needles are clicking busily for school days are not far off, and school days mean new clothes. Not only must mother think of frocks and skirts and blouses and wraps,

along with her canning and pickling, but she must think of underwear—and plenty of it. No wonder that she is puzzled when young daughter declares she is tired of longcloth and nainsook and lace, that she wants something new—something different.

In the world of underwear as in the world of dresses, gingham is coming into its own, and gingham can solve the underwear problem for mother this year. Not only is it being used for trimming, but entire garments are being made of it. And best of all these gingham under-things are a delight to make.

Checked Gingham Preferred

Checked tissue gingham in delicate colors is preferred for underwear, perhaps because it is so soft and dainty and feminine. You have no idea how bewitching an outfit of bloomers and chemise or a pair of gingham teddies are until you've seen or made them. These garments require little trimming. A picoted edge for the bloomers and chemise, a little touch of hemstitching

would lessen the clothing bill, and besides, being gingham trimmed, the garments would meet with the approval of Dame Fashion. What could be more satisfactory?

Rachel Ann Neiswender.

Peach Jam

Use fully ripened fruit for the best flavor. Peel, remove pits and thoroly crush about 2 1/4 quarts. Measure 4 cups of crushed fruit into a large kettle. Add 8 cups of sugar and mix well. Stir constantly and bring to a vigorous boil over a hot fire. Boil hard 1 minute, stirring constantly. Then take from fire, add 1 cup of commercial pectin and stir it in well. Skim and pour quickly.

Peach Jelly

Do not peel but pit about 3 1/2 pounds of ripe peaches. Crush them thoroly and add 1/2 cup of water. Stir until boiling, cover pan and simmer 5 minutes. Place fruit in a jelly bag and squeeze out juice. Measure 6 1/2 cups

The Way of the World

THE WORLD is good-natured to good-natured folks. To the merry of mind it is full of good jokes. To the light-hearted ones as they whistle along. It's a happy old world full of whistle and song; To the honest and square it's an honest, square place, Where every man's looking you full in the face. But to bulldogs and gents with their tempers unfurled, It's a quarrelling, scrapping and fighting old world.

—Floating Around.

at the top of the chemise, that is all, and it is sufficient. It might be that your scrap bag holds a piece of gingham that could be transformed into a pretty undergarment for sister.

If the scrap is not large enough for an entire garment, it will trim one, at least, and gingham trimmed underwear is equally as good. Longcloth, nainsook, dimity and other underwear materials may be trimmed with gingham. I know a woman, a very modern woman, who does not wish to spend any more time than possible over the ironing board. She decided to make teddies of fine white crepe and trim them with gingham. One particularly pretty, yet simple pair was trimmed with a narrow band of lavender and white tissue gingham around the lower edge. At the front two little splotches of this gingham were applied on.

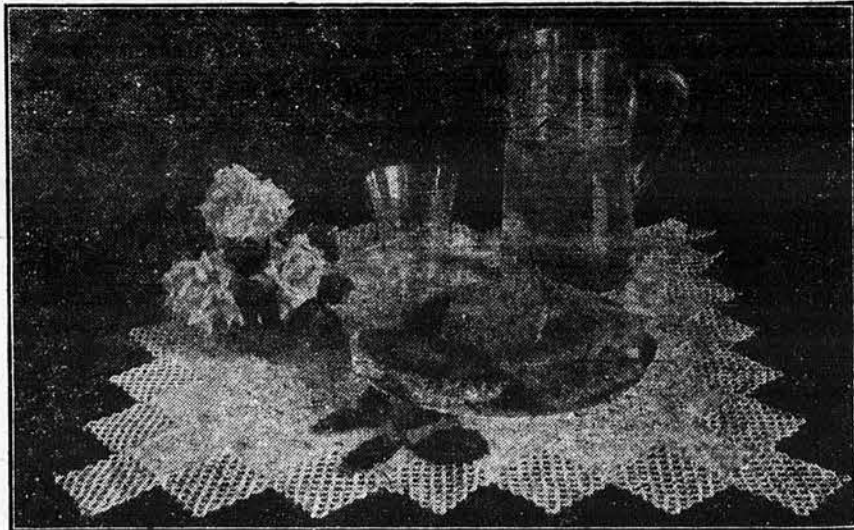
This woman made her suits at the cost of 60 cents each. Judging from this crepe, gingham trimmed underwear

of sugar and 3 cups of juice into a large saucepan, stir and bring to boil. At once add 1 cup of commercial pectin, stirring constantly. Continue to stir and bring again to a hard boil over a hot fire for 1/2 minute, stirring continually. Take from fire, let stand 1 minute, skim and pour quickly into sterilized glasses.

The House Where Flowers Grow

We marvel at the vast estates,
At mansions, stately, high,
The architecture's wonderful
Of the houses we pass by;
We praise the old Colonial,
And the modern bungalow,
But I like best of all to pass
The house where flowers grow.

It may not be a palace,
And it may be out of style,
But the flowers tell a story,
Of a home, a woman's smile;
The hollyhocks and zinnias
The pansies row on row,
Tell to the world that life is sweet,
In the house where flowers grow.
—Rachel Ann Neiswender.



A GLASS of cold lemonade accompanied by graham cracker and jelly sand awiches solves the children's luncheon problem on sultry afternoons. If mother has time to serve these light refreshments from the dining or living room table, or from a table outdoors under leafy trees, the afternoon "piece" can be made a valuable custom. It offers an opportunity to discuss the play problems of the day, to impress a few rules of etiquette on impressionable minds and to demonstrate the value of relaxation. And it is one of those events which lives as a beautiful childhood memory when the children are grown and mother is gone.

As to Miss Two to Eight

Fall Skirts Will Be Longer

BY MRS. HELEN LEE CRAIG



1473—Women's and Misses' Dress. The skirt is attached to a waist of contrasting material. Sizes 16 years and 36, 38 and 40 inches bust measure.

1470—Women's and Misses' Dress. The straight line mode is still popular. Sizes 16 years and 36, 38, 40, 42 and 44 inches bust measure.

1486—Women's and Misses' Dress. Crepe de Chine, taffeta or foulard would be suitable for this dress. Sizes 16 years and 36, 38, 40 and 42 inches bust measure.

1471—Women's Dress. The bib section extends into sash ends which tie in a bow at the back. Sizes 34, 36, 38, 40 and 42 inches bust measure.

1472—Women's Dress. The collar extends into two panels which hang gracefully over the straight skirt. Sizes 36, 38, 40, 42, 44, 46 and 48 inches bust measure.

1475—Women's Dress. This is an excellent style for crepe de Chine, wool

crepe, wool taffeta or serge. Sizes 34, 36, 38, 40 and 42 inches bust measure.

1497—Child's Bloomer Dress. Hat to match a dress and bloomer outfit is fashionable. Sizes 2, 4 and 6 years.

1503—Child's Set of Hats. A new hat for the little girl would not be difficult to make if this style were chosen. Sizes 2, 4 and 6 years.

1498—Child's Dress with Bloomers. Pantie dresses have gained wide spread favor with the small girl. Sizes 2, 4, 6 and 8 years.

1500—Child's Dress with Bloomers. The tiny miss would be cunning in a frock like this. Sizes 2, 4, 6 and 8 years.

1505—Child's Set of Hats. There are three styles included in the pattern. Sizes 2, 4, 6 and 8 years.

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

Women's Service Corner

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

Exterminating Ants

I would like to have you tell how to get rid of ants about the house.—T. Y.

A good way to get rid of ants is to soak sponges in sweetened water and place them in the runs of the ants. When the sponge has drawn a number of ants, plunge it into boiling water. Repeat the sponges and continue this until the ants have all disappeared.

The woodwork in the rooms which the ants infest may be washed with a strong solution of alum water; or mix equal quantities of powdered sugar and borax and strew it on the floor and shelves. Salt sprinkled on the shelves is often effective.

Stuffed Turnips

With what do you stuff turnips?—D. S. A.
Wash and pare turnips of medium size. Boil whole. Cut a thin slice off the top of the turnip, then make a hole in turnip below the slice. Fill the opening with stuffing prepared like that for chicken. This may be mixed with nuts or chopped meats. Cover opening with slice removed from top and bake, basting with melted butter.

Bran Bread

Have you a recipe for bran bread?—E. D. H.

This is our recipe for bran bread:
1 cup bran
3 tablespoons molasses
3 teaspoons baking powder
1 cup milk
1 egg
1 teaspoon salt
Flour to make a drop batter
Sift baking powder, salt and flour together. Beat the egg, add the molasses and mix well. Add milk, bran

and flour, alternately, beating well after every addition. Turn into a well oiled tin and bake 30 to 45 minutes.

Reducing Large Veins

There are large blue veins in my hands. Can you tell me how to reduce them?—G. F. S.

Hold the hands in an upright position as much as possible and the veins will not appear so large. Massage with a skin food will help, also.

New Club Program Idea

Why not have a state program at one of your club meetings? The Effingham Community Club had a Minnesota program recently which proved instructive as well as entertaining. Minnesota was chosen because the chairman is a native of that state. Any other state could be chosen and the same idea carried out.

Literature was obtained from the library department of the extension division of the state university at St. Paul and included works on birds, schools, industrial institutions, summer resorts, descriptions of the state and the state flower, the moccasin plant, a resume of industrial, mining and road conditions, and stories of pioneers.

We learned that Minnesota has 360 species of birds, wonderful coal mines and her penal institutions and hospitals are managed by a board of administration.

Beside being known as the gopher state, Minnesota is termed the "bread and butter" state, and lies in what is termed the Zone of Plenty. One member of the committee sang the state song. The real treat of the afternoon was Lieurance's "By the Waters of Minnetonka," sung to an accompaniment which is full of delightful music.

Roll call which followed instead of preceding the program was, "What I have learned new about Minnesota." Mrs. C. M. Madden.

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Music the Gulbransen Way, Fascinates the Kiddies!

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You'll find him picking out melody notes, varying the tempo, pedalling properly—like an old hand at the game!

It is a game—a fascinating one—the rules of which are set forth in the exclusive Instruction Rolls.

You cannot play the game on any other player-piano because the Gulbransen does things that are out of the ordinary. It pedals more easily, responds more completely, gives more direct control and affords a greater variety of expression than do ordinary player-pianos.

Put it to the test.

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"New Book of Gulbransen Music" Free on Request. Check Coupon

Check here if you do not own any piano or player-piano.
Check here if you want information about having a Gulbransen player action installed in your present piano (or player-piano).
Write name and address in margin and mail this to Gulbransen-Dickinson Co., 3220 W. Chicago Avenue, Chicago.



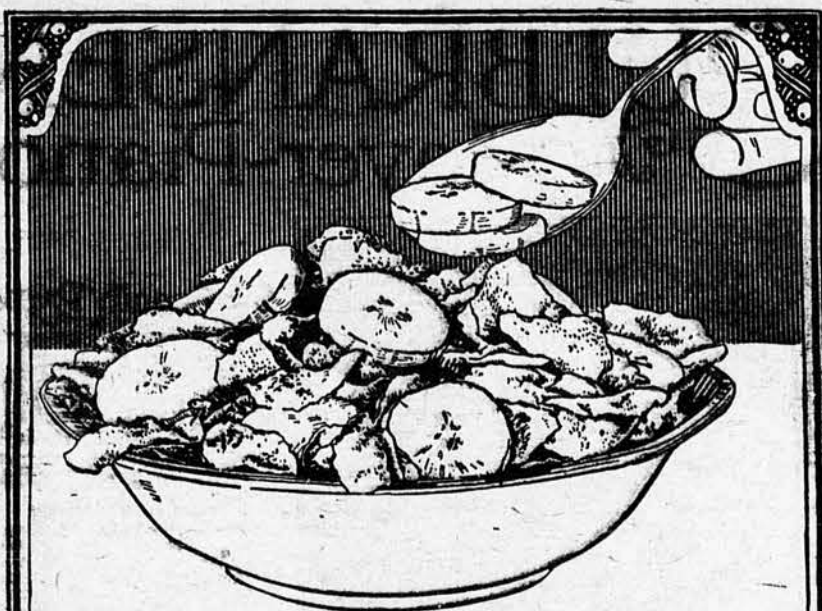
When You Buy Drugs

When you want advice on money matters you go to your banker because he is a skilled financier. Also, when your doctor gives you a prescription you take it to your druggist to have it compounded. But when you buy prepared, or proprietary, medicines, do you always go to your druggist? Selling such medicines is part of his business, a business requiring professional training. To purchase such remedies from dealers not thoroughly familiar with their medicinal properties and not able to instruct competently in their usage, is often dangerous. The skilled pharmacist, licensed by the state, should be your dealer for all things of a medicinal nature.

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So extra delicious With fresh fruits

No other food has such an appeal on a hot day as Kellogg's Corn Flakes! They win fickle appetites, they satisfy hungry folks! As an extra-summer taste thrill, eat Kellogg's with the luscious fresh fruit now in season. Such a diet is not only ideal from a health standpoint, but it is refreshing!



You can eat Kellogg's Corn Flakes liberally at any meal because they digest easily. Let the children have all they want.

Insist upon Kellogg's Corn Flakes in the RED and GREEN package that bears the signature of W. K. Kellogg, originator of Corn Flakes. None are genuine without it!

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**KELLOGG'S
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A Scotch Collie FREE

The three beautiful Collie puppies shown in the picture above together with many more will be given away in the next few weeks to boys and girls who are willing to do some easy work during their spare time.

The puppies will be about eight weeks old when they are shipped from the kennels. This is just the right age to begin training. No other dog can surpass the beautiful Scotch Collie as a watch dog, a stock dog, or a trusty pal for children.

We Have One For You

You will not have to pay one dollar of your own money. We have already given away many of these valuable prizes and we have one for YOU. Write to me today and I will tell you how to get the Collie without cost.

CLIP HERE

Manager Collie Club, Dept. 10X, 8th & Jackson St., Topeka, Kansas

Dear Sir: Please send me, without cost, full information regarding your plan to give away purebred Collie puppies ABSOLUTELY FREE.

Name.....R. F. D. or St.....

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

For Our Young Readers

Those Inquisitive Quigley Twins A Mineral Chat

PASS the salt, please, Betty," said Uncle George one day when the twins were having dinner at Grandfather Burton's house.

"What is salt, anyway?" wondered Billy aloud. "It looks like sugar, and Mother tells me to put a little salt on my oatmeal when she thinks I'm using too much sugar, and it really does taste sweeter with a little salt. But they aren't a bit the same thing, are they, Aunt Mable?"

What is Salt, Anyway?

"No, for sugar is a substance manufactured by plants, while salt is a mineral—that is, it is a natural substance, not a made one. And by the way, it is the only mineral substance that is used as an article of food to any great extent by the higher animals, including man. Indeed, animals will not thrive if they cannot have salt in their food, in some form, altho, as the old saying runs, 'too much is as bad as too little,' an over-use of salt serves to poison the system."

Uncle George grinned shyly at that, for Aunt Mable is always telling him he eats entirely too much salt. So far he seems healthy, but she declares it will make his blood-vessels get too hard and make an old man of him far too soon.

"Yet salt is a sort of medicine, too," he reminded her.

"Yes, of a sort, and very valuable, too, for sprains and bruises and inflammation. But you know how ill a drink of strong salt water can make one."

"Billy does," giggled Betty, "cause mother made him take a big drink of it last summer when he had the stomach-ache from eating too many green apples. And it cured him, too, 'cause it made him unswallow them awfully fast."

"Aw!" Billy chided her helplessly. "Perhaps we'd better get on with our salt-chat," laughed Aunt Mable. "Maybe you would like to know where it is found?"

Grandfather's Story

"Yes, indeed! In the sea?"

"Yes, dissolved in the water, altho originally it came from the earth. You've noticed horses licking up dust? That is a sign they need salt, and are trying to get it."

"I remember once," began Grandfather with a laugh, "my father hired a new farm-hand and about the first thing told him to salt the cows. The farm-hand carefully sprinkled the salt

over them and they nearly chased each other to death licking up their salt."

Of course that made everybody laugh. But when the laughter died down Betty proved she was still interested in the subject of where salt comes from by asking: "But where does our salt on the table come from?"

"Mostly from mines, where it is taken out in great rocks. Rock salt, as it is then called, is about the purest form; then comes sea-salt, which is obtained by boiling the water away, and then brine springs. In the form of rocks or brine, the mineral is found the world over, so no one need be without it."

"Then please pass the salt," spoke up Uncle George with a twinkle in his merry brown eyes.

Harriette Wilbur.

From Kathryn and Mary

We live on the farm and go to Sunnyside school, a mile from home. We both sang a song the last day. We have six little black kittens. We are 12 and 8 years old.

Kathryn and Mary Brock.
Bushong, Kan.

A Lesson in Drawing

The easiest way to make good lettering is on squared paper, for in that way you can always get the letters well shaped. Just take



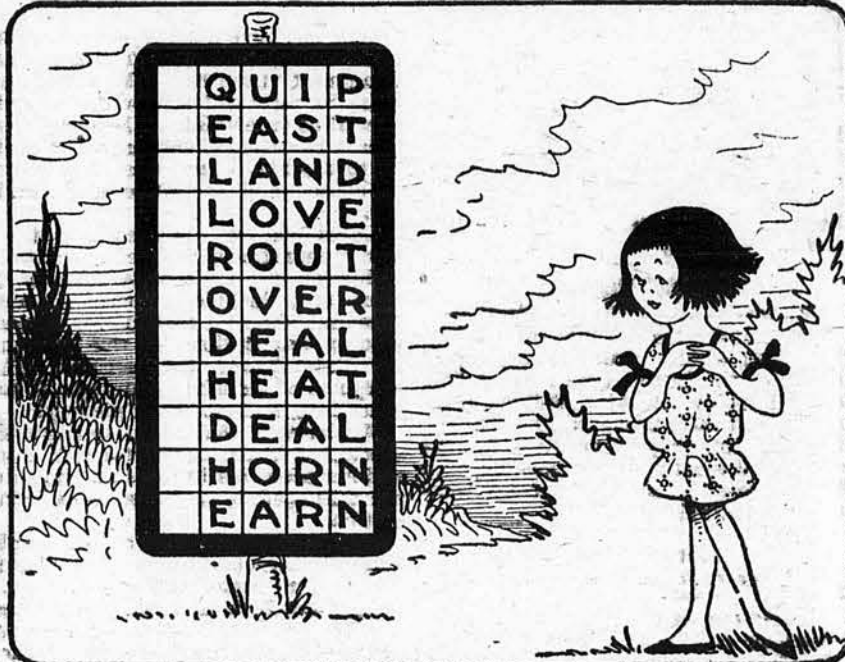
a plain piece of paper and rule it in squares with a pencil so that the squares can be erased when you have completed your lettering.

An interesting way to make letters is to draw them like those of the first sample in the picture. Then cut them out and paste them on whatever you wish to use them on. Perhaps you can make your father's name for the mail box or barn in this way. Try varnishing over the letters to make them weather-proof.

The lettering on the paper coverings of your school books can be made neater by use of the ruled paper method of drawing. In fact there are so many places where you might use this system that you may like to remember about it.

FARM PUZZLE

BY WALTER WELLMAN



Here are 11 words of four letters each. See if you can print in the vacant up-right column the name of something that has revolutionized farms and at the same time change the four-letter words into five-letter words. There will be a package of postcards each for the first 10 boys or girls answering correctly. Send answers to the Puzzle Editor, the Kansas Farmer and Mail and Breeze, Topeka, Kan.

Health in the Family

Medical Examination Before Marriage is Essential

BY DR. CHARLES H. LERRIGO

THE next session of the Kansas legislature will again be asked to give favorable consideration to the enactment of a law making it necessary that all persons shall be obliged to pass a medical examination to determine their physical fitness before being allowed to marry. There are many who object to such a law. It is said that it will make money for the doctors, that it will permit of infringements upon personal liberty, and that anyhow such a law could be evaded easily by the very sharp schemers whom it is proposed to catch. I suppose there is a certain amount of truth in every one of these objections. Nevertheless, I am in favor of such a law. Every week I get letters from subscribers to this paper which prove to me how many marriages occur which have resulted badly because of some physical infirmity on the part of husband or wife that might easily have been foreseen and prevented had such persons first gone thru a physical examination. Such an examination need have no terrors for a clean, decent man or woman and the expense should not be great and will, of course, be fixed by statute. If I were a young man taking such an examination I should ask the doctor to make it as thoro as possible and warn me against any weak point that he might discover so that I might enter upon this new and responsible phase of life with a good prospect of doing credit to myself and my descendants. I should also ask him to tell me such facts about sex hygiene as a young man entering the married state should know. In this way I should certainly get full value for whatever expense I might incur. I should also be very glad to know that the woman who was to be my partner thru life was in good health and if she had points needing especial care I should be glad to have them revealed. Of course there would be doctors who would be prevailed upon to give certificates without having given proper examinations, but not so very many. And as the people came to see the real value of such examinations there would be no disposition to dodge them.

To Kill Head Lice

I have just discovered head lice on my children. I don't have the least idea where they got them. What can I do to get rid of them? P. R.

No one ever does know how children manage to get lice on their heads but the fact remains that they often come to surprise very careful mothers. The remedy is kerosene. If the children are boys, shave their heads close and apply in the easiest manner. If girls, it is not quite so easy and sometimes they also must have the hair cut close. The kerosene may be applied at bedtime and a heavy nightcap pulled over the saturated mass. It is best applied as the child lies over the edge of a bed with the hair hanging down. Use care about the children coming into direct contact with any flame and there will be no danger.

Symptoms of Appendicitis

Please give me the most marked symptoms of chronic and acute appendicitis. N. F. J.

Appendicitis is so serious a disease and one in which a mistake is fraught with so serious consequences that I do not like to encourage anyone to try to make his own diagnosis. The mere fact that your symptoms resemble it and are long lasting is reason enough for consulting the best doctor available. I am glad to send a personal letter about this to anyone sending a stamped envelope.

A Good Fly Poison

I have heard of a child who died from drinking fly-poison. We have our house screened but we just can't seem to keep all the flies out. Please tell me a safe fly-poison to use. M. G.

The common tanglefoot paper is safe, but may be inconvenient. The United States Public Health Service has reached the conclusion that formalin is the best and safest liquid poison. A teaspoon of formalin is mixed in a

quart of water. The mixture is then placed around in saucers in attractive spots. A few pieces of bread may be broken into the solution to invite the fly to his doom. A child will not drink this willingly and it will not poison him if he does.

Recovery From Pneumonia

My baby had a very bad sick spell in the spring. She had "flu" and that was followed with pneumonia. We expected that when warm weather came she would get all right, and she did gain a little in flesh and strength in May and June, but now she is very feeble. We wonder whether she will ever be strong again. M. S.

Your baby needs very careful attention just at present but I do not think you need to be discouraged about

the probability of her ultimate recovery. A child who has had pneumonia may well be slow in recovery. Watch her very carefully to see that she gets the most nourishing food and that it is given regularly. See that she gets a lot of sleep and in the heat of the day is kept in the coolest place about the premises. When the cool of evening comes she will need extra cover, for these little ones who have had severe illness are very susceptible to chill, but don't make the mistake of smothering her with more clothes than she needs. Don't let her play too hard, but have her outdoors as much of the time as possible. A little cod-liver oil often helps a child in this condition.

Wireless telephone operation across the English Channel has made possible continuous communications between English shore stations and flying planes in the Brussels-Paris service and is particularly helpful in heavy fogs.

One way to make farming a better business is to eliminate waste labor, equipment and capital.

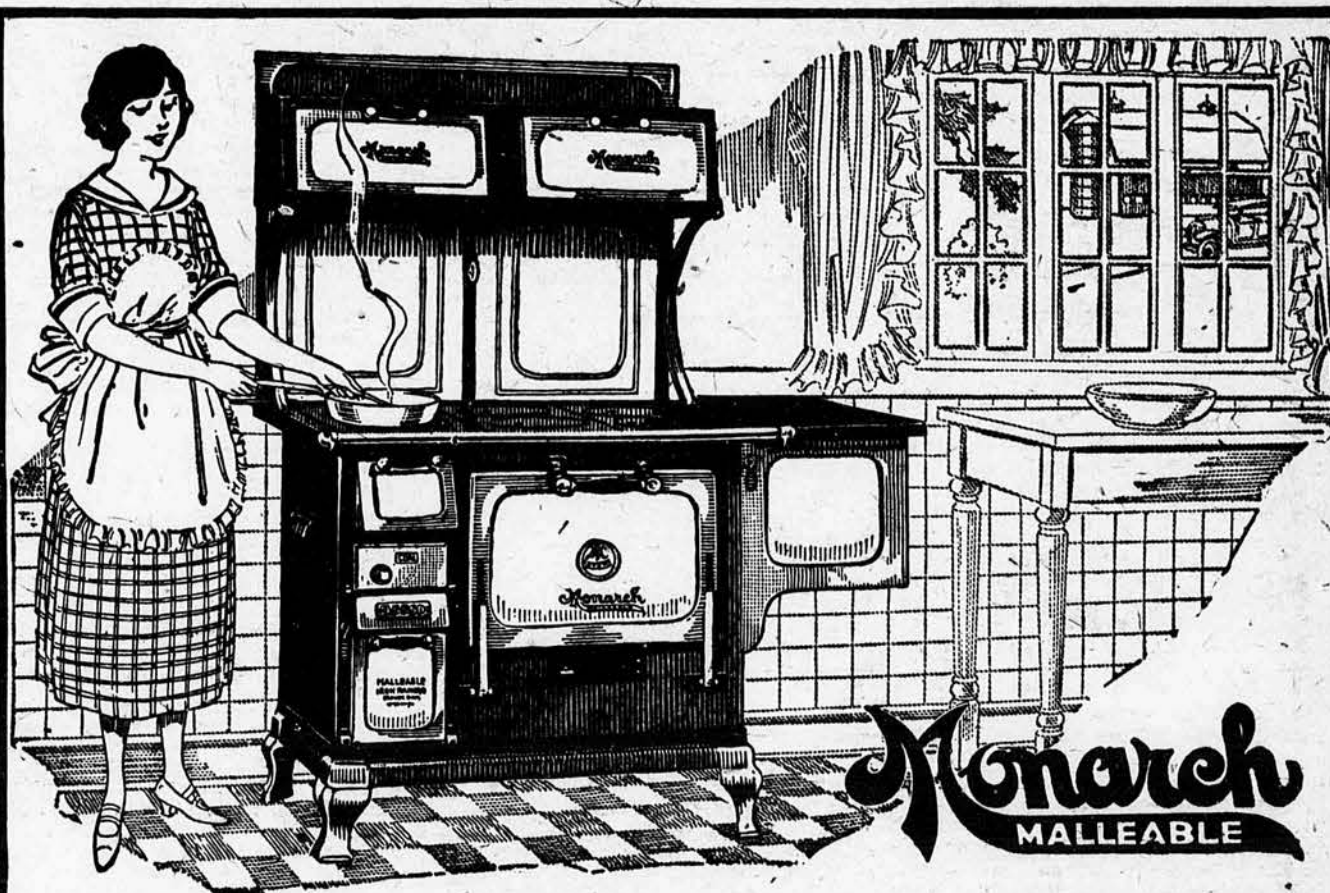


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Big Bargain Catalog
Outs prices to the core on engines, separators, spreaders, fence, paint, roofing, harness, seeds, farm machinery and household necessities. Get Galloway's low prices giving direct from factory reductions before buying. Save one-fourth to one-half. Half a million pleased customers testify to Galloway's perfection in manufacturing and cut-the-meat merchandise. Satisfaction guaranteed. Cash or time. 30 days trial. Send for big free catalog with its thousands of bargains today.
W. M. GALLOWAY CO.
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Tanks at Factory Prices

Get ready for summer now. Tank watering is safest. Corrugated "Armco" iron riveted tanks, finest on the market, at new low factory prices, freight prepaid. Write today for Catalog A.

Topeka Tank Co., 400 E. 15th, Topeka, Kan.



Monarch
MALLEABLE

A New Kitchen Pleasure which YOU may have!

WHEN you first use a Monarch Range you experience a new pleasure in your kitchen work. And as the years go by, you appreciate more and more that this range is different from others you have used. People who bought Monarchs twenty years ago all tell the same story—that the old Monarch bakes as well—with as little fuel as ever. And usually they add, "It looks almost like a new range."

How is it that this range gives such unusual service? There is a very good reason—something that every housekeeper ought to know. The Monarch is made of malleable iron and heavy steel plates riveted securely together. Malleable iron does not crack or break. And riveted joints—made tight without stove putty—can never open up to cause air leaks which waste fuel and interfere with baking.



The flues of the Monarch are protected against rust by Vitrifused Linings—the only effective form of rust protection practical for use under the extreme variations of temperature that occur in range flues. In choosing your range, think first of these important things. Don't be influenced by trifles. Never forget that if your range is to give long and satisfactory service, it must be built the Monarch way.

Go to the store of the Monarch dealer in your community. Let him show you the Monarch and explain how it would save you money to replace your old range with a Monarch right now. Or, if it is more convenient, write us.



FREE!

Asbestos Holder-Mat

You can always use a new holder. This one is unusually convenient. Canvas top—felt bottom with asbestos lining. Makes a fine table mat for hot dishes. Sent FREE and prepaid to every woman who will—

Mail the Coupon

Continued satisfaction with low fuel cost—through long years of service!

The Monarch Is Easy to Keep Clean

The Monarch's handsome, blue-black, Mirco top needs no stove blacking. The white porcelain panels and blued steel body are quickly cleaned with a cloth. The few nickel parts are perfectly plain. There is no ornamentation to catch dirt.

Duplex Draft

Fuel burns evenly in the Monarch's firebox, due to the patented Duplex Draft. It provides uniform heat to all parts of the top and oven. And it leaves no unburned fuel to be thrown out with the ashes.

Malleable Iron Range Company

C-297 Lake Street Beaver Dam, Wis.

Malleable Iron Range Company

C297 Lake Street, Beaver Dam, Wis.

Please send free and postpaid the Asbestos Holder-Mat offered here. I am answering the questions asked below.

Name _____

Address _____

What kind of stove have you now in use in your kitchen? _____

How old is it? _____



Business and Markets



By John W. Samuels

SINCE August of last year every month has revealed substantial recovery and gratifying progress in the way of a revival in business and general farming conditions. The recovery that has taken place has been of a safe and sane nature and has been in response to a healthy demand of the entire Nation. Most of the discouraging factors in the situation have been eliminated and a general spirit of optimism is replacing the gloomy pessimism which prevailed in 1921. The only discouraging features in connection with the month of August this year have been the menace of the coal and railroad strikes. Fortunately, however the coal strike is in a fair way toward a satisfactory settlement and it is to be hoped that this will be shortly followed by some satisfactory adjustment of the railroad situation.

Industrial Production Increased

Recent estimates place the physical volume of the industrial production of this country at approximately 33 1/2 per cent more than it was last summer with every indication that the recovery will continue and possibly at an accelerated pace shortly in some lines. Some of these lines of business such as clothing, iron and steel, and the automotive industry that were especially hard hit by the depression of 1921 have been experiencing a remarkable recovery in recent months. This has been especially true of the automobile industry. In January the aggregate production of all of the companies in the United States was 90,486 vehicles. The May output exceeded 252,000, a gain of more than 180 per cent in five months' time.

Not only is the industrial outlook decidedly improving, but the agricultural situation also is in a much better condition than that which obtained a year ago. The estimated yield of the principal small grain crops of the country on August 1 all show an improvement over last year.

Good crops at fair prices make the United States prosperous. Nearly one-half the people of the country are directly dependent upon agriculture and a much larger proportion are indirectly dependent upon it for livelihood. The ability of this country to produce food and other agricultural raw materials has made possible its rapid industrial development and is the basis of its foreign trade.

Exports Exceed Imports

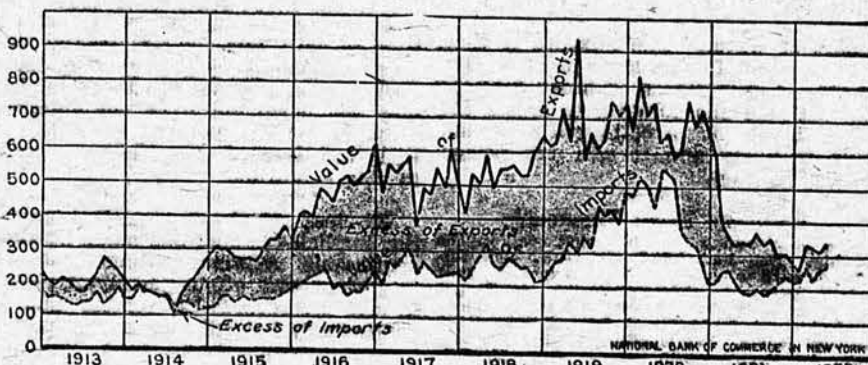
In this connection a study of the volume of our exports and imports is extremely interesting. The accompanying chart prepared by the National Bank of Commerce of New York City indicates the general trend of our foreign trade since 1913 and shows the values of merchandise imports and exports, and the excess of exports during the period in question.

The excess of exports reached its maximum in June, 1919; and for that month the value of exports exceeded the value of imports by more than 640 million dollars. During the latter half of 1919 and first half of 1920, however, the value of imports increased much more rapidly than did exports; consequently by August, 1920, the balance had been reduced to 65 million dollars.

By that time price liquidation was in full swing. The import trade evidenced its effects nearly six months before the export trade; thus from August, 1920 to January, 1921, the value of imports dropped 50 per cent, while the value of exports continued at high levels. As a result, the gap between the two again widened to more than 450 million dollars, in December, 1920. From that month to April, 1921 exports in turn dropped more than 53 per cent in value; imports meanwhile had become fairly well stabilized and the excess of exports was reduced to 85 millions.

Trade Balance 168 Millions

During the latter half of 1921 the monthly merchandise balance again increased to a maximum of 168 millions, but in February, 1922 it was cut to 37 million dollars and for the first six months of 1922 averaged 66 mil-



This Chart Shows Trend of Foreign Trade Since 1913; Figures at the Left Margin Give Values in Millions of Dollars of Our Exports and Imports

lions. Moreover, during 1921, gold flowed into the United States in heavy volume, and this movement has tended to decline in 1922, it has still further reduced the net excess of exports.

The export demand for wheat at present is very limited and this coupled with the great number of restrictions resulting from the railroad strike has tended to depress prices for grain. An increased movement in spring wheat was another disturbing element that helped to keep the market in a nervous condition.

Wheat Yield 805 Million Bushels

The Government's August crop report increased the estimate of the spring wheat yield 15 million bushels more than the July forecast. The present estimate is 203 million bushels or 55 million bushels more than for last year and 30 million bushels more than the average for the last five years. The August estimate for the winter wheat crop is 542 million bushels or 27 million bushels less than estimated last month, 45 million bushels less than for 1921 and 24 million bushels less than the average for the last five years. This makes the estimate for the total wheat crop 805 million bushels which is 12 million bushels less than the estimate last month and 10 million bushels more than the yield for 1921.

The August forecast for the Nation's corn crop is 3,107 million bushels or 63 million bushels less than for last year. The Nation's record wheat crop was raised in 1920 and amounted to 3,209 million bushels. The present condition of the corn crop is estimated at 85.6 per cent. The August estimate for the oats crop is 1,251 million bushels or 190 million bushels more than the final estimate for last year and 64 million bushels larger than the estimate made for last month.

Big Declines in Futures

Wheat futures have registered marked declines. September deliveries show losses ranging from 2 1/2 to 2 3/4 cents; December deliveries, 3 1/2 to 4 cents and May deliveries, 3 1/2 to 3 3/4 cents. Corn futures showed declines of 3 cents for September deliveries and 5 cents for December and May. Oats futures for all deliveries showed losses of 1 1/2 to 2 1/2 cents.

The following quotations on grain futures are reported at Kansas City: September wheat, 96 1/2c; December wheat, 96 1/2c; May wheat, 1.00 1/4; May wheat, 1.04 1/4; September corn, 49 1/2c; December corn, 45 1/2c; May corn, 49 1/2c; September oats, 30 3/4c; December oats, 33 1/4c.

Cash Grain Sales

On cash grain sales at Kansas City hard wheat is quoted 2 to 3 cents lower and dark hard wheat 1 cent to 2 cents lower with a fair demand. Red wheat is 1 cent to 2 cents lower with only a limited demand.

The following prices are quoted at Kansas City:

No. 1 dark hard wheat, \$1.06 to \$1.16; No. 2 dark hard, \$1.06 to \$1.16; No. 3 dark hard, \$1.05 to \$1.16; No. 4 dark hard, \$1.04 to \$1.12; No. 5 dark hard, \$1.06 to \$1.07.

No. 1 hard wheat, \$1 to \$1.11; No. 2 hard, 98c to \$1.10; No. 3 hard, 96c to \$1.09; No. 4 hard, 96c to \$1.08; No.

5 hard, 95c to \$1.04; sample hard, 93c to \$1.05.

No. 1 Yellow hard wheat, \$1; No. 2 Yellow hard, 97c; No. 3 Yellow hard, 97c; No. 4 Yellow hard, 96c.

No. 1 Red wheat, \$1.03 to \$1.08; No. 2 Red, \$1 to \$1.02; No. 3 Red, 96c to \$1; No. 4 Red, 93c to 95c; sample Red, 90c.

No. 2 mixed wheat, 98c; No. 3 mixed, 95c; No. 4 mixed, 95c; No. 5 mixed, 92c; sample mixed, 91c.

Corn and Other Cereals

Corn at Kansas City is unchanged to 1 cent lower with only a fair demand. Oats are unchanged in price. Kafir and milo are 8 to 10 cents lower. The following quotations are given at Kansas City:

No. 2 White corn, 53 to 53 1/2c; No. 3 White, 52 1/2c; No. 4 White, 52c; No. 1 Yellow corn, 57c; No. 2 Yellow, 57c; No. 3 Yellow, 56 1/2c; No. 4 Yellow, 56c; No. 2 mixed corn, 52 1/2 to 53c; No. 4 mixed, 52c.

No. 2 White oats, 34 1/2 to 35c; No. 3 White, 33 1/2 to 34c; No. 4 White, 32 to 33c; No. 2 mixed oats, 32 to 34 1/2c; No. 3 mixed, 31 to 34c; No. 2 Red oats, 32 to 34 1/2c; No. 3 Red, 31 to 34c; No. 4 Red, 30 to 32c.

No. 2 White kafir, \$1.70 a hundred pounds; No. 3 White, \$1.73 to \$1.77; No. 4 White, \$1.70 to \$1.72.

No. 2 milo, \$1.83 to \$1.85 a hundred weight; No. 3 milo, \$1.81 to \$1.83; No. 4 milo, \$1.80.

No. 2 rye, 70 to 80c a bushel; No. 3 barley, 50 to 51c; No. 4 barley, 47 to 48c.

Hay and Millfeeds

Prices for hay at Kansas City are unchanged and the following quotations are given:

Choice alfalfa hay, \$17 to \$19 a ton; No. 1 alfalfa, \$15 to \$16.50; standard alfalfa, \$13 to \$14.50; No. 2 alfalfa, \$11 to \$12.50; No. 3 alfalfa, \$8.50 to \$10.50.

No. 1 prairie hay, \$10.50 to \$11.50; No. 2 prairie, \$9 to \$10; No. 3 prairie, \$7 to \$8.50; packing hay, \$6 to \$6.50.

No. 1 timothy hay, \$14 to \$15; standard timothy, \$12 to \$13.50; No. 2 timothy, \$10.50 to \$11.50; No. 3 timothy, \$8.50 to \$10.

Light mixed clover hay, \$14 to \$14.50; No. 1 mixed clover, \$11.50 to \$13.50; No. 2 mixed clover, \$8.50 to \$11.

No. 1 clover hay, \$10 to \$12; No. 2 clover, \$8 to \$9.50.

Straw, \$6.75 to \$7 a ton.

Millfeeds are reported unchanged to 50 cents a ton lower at Kansas City and the following quotations are given:

Bran, \$13 to \$15 a ton; brown shorts, \$17 to \$18; gray shorts, \$21 to \$22; linseed meal, \$51.25 to \$53; cottonseed meal and nut cake, \$45.70; tannage, \$70 to \$75; No. 1 alfalfa meal, \$20 to \$22; No. 2 alfalfa meal, \$17 to \$18; No. 1 molasses alfalfa feed, \$21; No. 2 molasses alfalfa feed, \$18; grain molasses horse feed, \$24 to \$27; grain molasses hog feed, \$37; dairy feed \$27 to \$31; scratch feed for poultry, \$30 to \$32.

Seeds and Broomecorn

The following prices are reported in Kansas City for seeds:

Alfalfa, \$10 to \$13.50 a hundred weight; bluegrass, \$1 to \$1.50 a bushel; flaxseed, \$1.81 to \$1.98 a bushel; meadow fescue, \$4 a hundred weight.

The following quotations are given on broomecorn:

Fancy whisk brush, \$265 a ton; fancy hurl, \$240; choice Standard, \$180 to \$220; medium Standard, \$140 to \$180; medium Oklahoma Dwarf, \$130 to \$160; common Oklahoma Dwarf, \$110 to \$130.

Kansas City Livestock Sales

Prices for all kinds of livestock at Kansas City show declines. The decline in cattle ranged from 15 to 75 cents.

The common half fat steers that had neither flesh nor quality were off the most. Choice fed grass fat and wintered grades were off only 15 to 25 cents. Hogs declined 60 to 75 cents to a new low position for the past several months. Lambs were quoted down 50 cents and sheep off 25 cents.

Receipts this week were 59,450 cattle, 11,450 calves, 42,000 hogs, and 20,050 sheep, compared with 44,900 cattle, 9,850 calves, 32,700 hogs, and 22,825 sheep last week, and 55,725 cattle, 12,850 calves, 30,000 hogs, and 35,400 sheep a year ago.

Beef Cattle Decline 75 Cents

Cattle prices are unevenly lower for the week. The entire decline came in the first three days and since then the general trend in the trade improved and a close clearance was effected. An extreme decline of 75 cents was reported at the low point, for common to fair grass fat steers; medium to good classes were off 25 to 50 cents, and the best steers, whether grass fat, wintered or fed were off only 15 to 25 cents. The best steers at Kansas City sold at \$10.25 to \$10.45, and good to choice grades, \$9.65 to \$10.20. Wintered summer grazed steers sold at \$8.50 to \$9.25, and straight grass fat steers, \$8.50 to \$8.75. Those below \$5.75 had little quality or flesh. Cows and heifers were 15 to 25 cents lower. Veal calves were up 50 cents early in the week but lost the advance later.

Hogs Register Losses

In the first two days of the week hog prices broke 75 cents to \$1. Since then about 25 cents of the loss was regained. The early decline took prices under the \$9.50 level and into the lowest position of the past several months. The market today was firm with the top \$9.50 and bulk of sales, \$9 to \$9.45. Pigs sold up to \$10.25.

Sheep and Lambs

No market received normal supplies of sheep for the week but the general declines developed. Chicago prices were under Kansas City and trade was quiet. At Kansas City lambs declined 50 cents and sheep 25 cents. On the close good lambs were quoted at \$11.75 to \$12.25; fair to good \$10.25 to \$11.50; culls \$6 to \$7.50. Light weight fat ewes brought \$5.75 to \$6.65 and grass wethers, \$6.35 to \$7 apiece.

Horses and Mules

An improved demand was reported for mules at fully steady prices. Trade in horses continued light.

The following prices are quoted at Kansas City:

Good draft horses weighing 1,500 to 1,700 pounds, \$100 to \$140 apiece; fair to good drafters, \$60 to \$100; medium chunks, \$50 to \$85; fancy drivers, \$100 to \$200; medium to good drivers, \$60 to \$100; plugs \$10 to \$25.

For good work mules, 4 to 7 years old the following prices are quoted:

Mules, 13 1/2 to 14 hands high, \$25 to \$85; 14 to 14 1/2 hands high, \$50 to \$85; 15 to 15 1/2 hands, \$85 to \$125; 15 1/2 to 16 hands, \$100 to \$140; extra big mules, \$125 to \$150.

Dairy and Poultry

No particular change is reported in the dairy market at Kansas City this week. The following sales of dairy products were made this week:

Butter—Creamery, extra, 35c a pound; packing butter, 22c; butterfat, 27c; Longhorn cheese, 21c; Prints, 22c; Brick, 21 1/2c; imported Roquefort, 66c; Limburger, 19 to 20c; Swiss, 25 to 38c; New York Daisies, 25c.

The poultry market shows little change. Local handlers are quoting country shippers 18c on heavy hens; 15c on light and other sorts of poultry as follows: Roosters 11c; broilers, 20 to 22c; Leghorn springs and small, 17c; turkeys, 30c; and old toms 27c.

There's Health in Ice Cream

This Frozen Delicacy is Nourishing and Cheap

BY J. H. FRANDSEN

ICE CREAM used to be thought of largely as a dish for the Fourth of July and perhaps for those birthdays lucky enough to come during the summer months, but since we have learned that because of its valuable food constituents it is one of our very desirable foods, it should be made part of the menu on frequent occasions during all seasons of the year.

Ice cream and ices can be made at home quite as well as in the factory. It is not difficult to make at home. What boy or girl isn't more than willing to turn the freezer? And in every farm home can be found the necessary ingredients—milk, cream, sugar, fruit juices and eggs, if you like—from which to make this delicious dish. Only the ice may be lacking, and even that can be found on many farms. If that ice house and summer's supply of ice are still missing, it means little expense or trouble to bring home a chunk of ice when you take cream to town. Ice cream is an inexpensive pleasure for both young and old.

Here are a few formulas and simple directions which will help if you never before have made ice cream.

Philadelphia Ice Cream

2 quarts thin cream 2 tablespoons vanilla
1½ cups sugar Mix and freeze.

This is the simplest of all ice cream formulas, and is commonly known as vanilla ice cream. The texture and body may be greatly improved by the addition of a tablespoonful of gelatin. If gelatin is used, it must first be soaked in ¼ cup of cold water, then dissolved in a small amount of scalding hot water and added to the cream mixture. Or half the cream may be heated to the scalding point in a double boiler, and the soaked gelatin dissolved in it. Then add remaining ingredients, stir well and freeze.

Chocolate Ice Cream

6 ounces chocolate 1 tablespoon gelatin
2 quarts thin cream 1 tablespoon vanilla
2 cups sugar

Scald cream; melt chocolate; add sugar and pour over it the hot cream, then add the soaked gelatin. Allow it to cool, but not to "set" the gelatin. Add vanilla and freeze.

Caramel Ice Cream

1 quart cream 1 tablespoon gelatin
½ cups sugar (if desired)
1 pint fresh milk 1 tablespoon vanilla

Scald the milk in a double boiler. Caramelize ½ cup of the sugar by placing in an ordinary frying pan, stirring until it melts and turns brown, and even begins to smoke. Turn this caramelized sugar into the hot milk, mix well and add the soaked gelatin, if gelatin is used. When cool add other ingredients and freeze.

Lemon Ice

2 cups water ½ cup lemon juice
1 cup sugar

Mix sugar and water and bring to boiling point. This makes the finished product smoother in texture. Cool; add lemon juice and freeze.

Cranberry Sherbet

1 quart cranberries 2 pounds sugar
2 quarts water 2 egg whites
1 lemon (juice only) 1 level tablespoon gelatin

Stew cranberries in one half of the water until they burst from their skins; strain and add sugar and melted gelatin; add the other quart of water and lemon juice; then freeze. When partly frozen, add the stiffly beaten egg whites and finish freezing.

Neapolitan Ice Cream

1 quart cream 4 eggs
1 quart fresh milk 2 tablespoons vanilla
½ cups sugar

Scald the milk in a double boiler. Beat the egg yolks and sugar to a smooth batter into which stir slowly the scalded milk. Return to double boiler and, stirring constantly, cook until the mixture coats the spoon—do not cook beyond this point. Remove from fire, add cream and stir for a few minutes. Cool, flavor and freeze. When the mixture begins to freeze, add the well-beaten egg whites and finish freezing. When you have become expert in handling these simple formulas, you can readily make new ones for yourself by varying the flavors and fruits, by adding sauces such as chocolate to plain vanilla ice cream, and so on.

Then there are many varieties of

sherberts and water ices, combinations of fruit juices, sugar and water, with or without egg white, which make very cooling refreshments. One of the simplest and most popular is this:

Grape Lacto

½ gallon thick sour milk ½ cup lemon juice
milk or buttermilk ½ cup grape juice
1½ pounds sugar

Dissolve sugar in the sour milk. Beat yolks and whites of eggs separately and add to the milk. Stir well and strain mixture thru fine wire sieve. Then add fruit juices. Freeze until quite stiff.

In freezing, the things of importance are the proportion of ice and salt to use and the speed of the dasher. A fine salt dissolves much more rapidly than does a coarse salt and as a result cold is produced more quickly. Its use, however, is not common, principally because it is much higher in price than coarse stock salt or the crushed rock salt. The coarser salt does not tend so easily to form crusts which prevent the ice and salt from settling.

4 LACE CURTAINS FREE

For selling only 50 cents. Dress Suits, Dresses at 10¢ per yard. Handsome 11-pc. Blue Bird Dinner Set given according to plan in our Catalog. Send quick. Based on money.

AMERICAN SPECIALTY COMPANY, Lancaster, Pa.

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We Trust You

You'll Get A Year's Wear or more when you buy

No-Way SUSPENDERS

No rubber to rot. Phosphor Bronze Springs give the stretch. Nickel trimmed, 50¢. Satin brass trimmed, 75¢. No-Way Wide Web Garters, surprisingly easy and comfy, 50¢. Ask Your Dealer for No-Way Suspenders, Garters and Hose Supporters. If he hasn't them, send direct, giving dealer's name. Every pair guaranteed. No-Way Street Suspenders Co., Dept. A, Adrian, Mich.

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.



Steadfast as the Oak Tree—Time's Judgment on the Colt "Gas Well"

THE oak tree is a living symbol of solidity, sturdiness and durability.

Only after an amazingly long and sturdy existence does it bow to the will of Time.

Having read about the marvelous COLT Lighting and Cooking Plant, you doubtless have wondered how permanent it is. How long it will continue to shed its incomparably beautiful white light. How long your wife will have that delightful city convenience of cooking, ironing and heating water by Carbide Gas. How simple will be its operation. How economical. How much attention will be required. How often you will have to call for service, replace parts and units, mend and repair. In a word, how will the COLT weather the Test of Time.

Let COLT users speak. They know. They speak from experience—long experience. And there are legions of them. Altogether close to a half million farmers and others in rural communities light and cook with this wonderful, non-poisonous Carbide Gas. Here are three letters out of scores that testify to the oak-like durability and sustained perfection of the COLT.

Twenty-four years' Service, practically no repairs

April 28, 1919.

J. B. Colt Co., New York City.

Gentlemen:—Answering your letter of recent date, will say: We have used your Colt Generator for about twenty-four years. It is a 200-light machine and we have 200 lights hanging on it. The Generator has given us the best of

service in all this time. The machine has been doing its work at practically no cost to us for repairs of any kind. Very truly yours, (Signed) P. R. JOHNSON.

There is the test of time.

Another letter from Bradford Norman, 5 West Marlborough Street, Newport, R. I., reads:

"J. B. Colt Co., New York, N. Y.

"Dear Sirs:

"Will you please send me one felt filter for my machine? This machine was installed over twenty years ago and has given perfect satisfaction during that time and the above order is the first expense outside operating (an occasional drum of carbide) that I have had to make."

The test of economy—less than one dollar in twenty years for part replacement!

After Ten Years, Works Like New

Cheapest and Best Farm Light

Shiloh, Ohio, May 22, 1920.

To whom it may concern:—

Ten years ago I had a J. B. Colt lighting system installed in my former home at Lexington, O., for which we used continuously during that time for both lights and cooking, and never cost one penny for repairs, to-day my younger brother lives there and it works as well as the day it was installed.

One year ago I purchased the farm where I now live, and one of the first things I did was to buy another J. B. Colt light plant and have it installed. I have my house and barns both lighted with it and wouldn't do without it for several times the cost, after ten years use

I figure it the cheapest and best light for the farmer.

Very Respectfully Yours,

C. K. INK, Shiloh, Ohio

The Final Test

The Government needs for its beacon lights at the entrance of harbors and along rocky ocean shores the most dependable and economical lighting system it can procure. What light is used? CARBIDE LIGHTING! What generators? MOSTLY COLTS!

Simplicity and Economy

Feed the generator Carbide once in a while and run water into the water chamber—that's all you need do. The machine makes the gas automatically. No continual replacement of parts and power units. No service necessary. Your Colt is a lifetime investment in reliability, simplicity and economy.

The COLT comes from factory to farm—sold direct to you by COLT solicitors—no distributors or dealers to take a profit. This applies everywhere. A substantial saving here.

Don't Invest in Any System Until You Have Heard the Full Story of COLT

An investment in better light, better cooking, comfort, convenience and happiness indoors is the best investment you can make—Get the FULL STORY of the COLT before you make that investment. Send post card to address below today.

PAY IN A YEAR

NO MONEY DOWN

J. B. COLT COMPANY

30 East 42nd St., New York

8th and Brannan, San Francisco

COLT
TRADE MARK

Oldest and largest manufacturers of Carbide Lighting and Cooking Plants in the World

CARBIDE LIGHTING-AND-COOKING PLANTS

ESTABLISHED 1891

FARMERS' CLASSIFIED ADVERTISING

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

RELIABLE ADVERTISING

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

Special Notice All advertising copy must be received by the Classified Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication.

AGENTS WANTED

SIDE LINE SALESMAN WANTED To sell coal to your trade in carload lots. Earn a week's pay in an hour. For particulars write Washington Coal Co., 3534 So. Racine, Chicago.

WANTED—RELIABLE, ENERGETIC MEN to sell National Brand Fruit trees and a general line of nursery stock. Unlimited opportunities. Every property owner a prospective customer. Carl Heart earned \$2,312.67 in 18 weeks, an average of \$128.46 per week. You might be just as successful. Outfit and instructions furnished free. Steady employment. Cash weekly. Write for terms. The National Nurseries, Lawrence, Kan.

MALE HELP WANTED

THE UNION PACIFIC RAILROAD COMPANY and the St. Joseph & Grand Island Railway Company offer excellent opportunity to able bodied young men to learn the trades of boilermaker, machinist, blacksmith, car builder, etc., ranging in age from 21 to 35 years. The wage is forty-seven cents per hour to begin with and an increase of two cents per hour every six months for three years, when men will be qualified as and receive mechanic's pay. A large number of rough carpenters, or men who can use hammer and saw, are needed for repairing freight cars. The pay is sixty-three cents per hour and as long as demand for equipment continues for moving crops, there is an opportunity to work overtime. All those desiring it will be furnished board and lodging free, until conditions become normal. Sufficient police protection provided. Apply to nearest Union Pacific railroad agent for free transportation. Applications may also be made to Master Mechanics at Kansas City and Marysville, and District Foremen at Junction City, Salina, Ellis and St. Joseph. Men are needed at Kansas City, Junction City, Salina, Ellis, Marysville and St. Joseph.

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KENTUCKY TOBACCO—3 YEAR OLD leaf. Don't send a penny, pay for tobacco and postage when received. Extra fine, chewing 10 lbs., \$2.00; smoking, 10 lbs., \$2.50; medium smoking, 10 lbs., \$1.25. Farmers Union, Hawesville, Ky.

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MACHINERY FOR SALE

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

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HONEY—NEW CROP, VERY FINE. TWO 60-lb. cans, \$12. Bulk comb, \$17. Bert W. Hopper, Rocky Ford, Colo.

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PLYMOUTH ROCKS

BARRED ROCK COCKERELS AND PUL- lets. April hatch. \$1.00 each. Mrs. Homer Spence, Route 3, McPherson, Kan.

MISCELLANEOUS

LETTER HEADS AND ENVELOPES, 100 each, \$1. Specialty Co., 1421 West 6th, Topeka, Kan.

Huge Crops in Every State

BY JOHN W. WILKINSON

Government reports indicate that there will be huge crop yields in every state this year, and if normal shipping conditions are restored soon and fair prices are paid for farm products farmers in 1922 will be left in a prosperous condition at the close of the year. Prospective production of corn in the United States this year increased 157 million bushels as a result of favorable growing conditions during the month of July. The Government's August estimate shows a possible production of corn for the Nation of 3,107 million bushels, the fourth largest yield on record. This compares very favorably with the record crop of 3,209 million bushels raised in 1920. This year's corn crop condition is 85.6 per cent as compared with 79.5 per cent for the 10-year average.

Wheat Makes 805 Million Bushels

The estimate for wheat shows a production of 805 million bushels or 12 million bushels less than was estimated a month ago. The total acreage is given as 56,700,000 acres.

The yield of white potatoes is estimated to be 440 million bushels. The average yield was approximately 104 bushels an acre, while the production of sweet potatoes will be about 1,450 million bushels.

This year Kansas will compare favorably with all states in the production of crops. From present indications the 1922 crops of grain, forage, fruit and vegetables will amount to 80,000 to 100,000 cars more than in 1921; and more than an extra month's business for Kansas railroads. A conservative estimate on the 15 major crops shows 150,000 carloads more than last year, but not all of it will be shipped. On the other hand, much of it will be shipped twice.

All Yields Are Heavy

Rye, barley and potatoes will run from 20 to 25 per cent more than a year ago. The Kaw Valley potato yield is particularly good this year. Cane sorghum shows a 25 per cent increase over last year. The grain sorghums, milo, kafir and feterita, promise a 50 per cent larger yield than last year, 30 million bushels against 19 million in 1921. Forage from the grain sorghums probably will amount to 2,400,000 tons, against 1,900,000 tons last year.

The hay crops might be called immense this year. Early reports and letters to the offices of the Kansas State Board of Agriculture indicate the tame hay, prairie hay, alfalfa hay and Sudan grass cuttings for this year will aggregate 12,400,000 tons, compared to 9,780,000 tons in 1921.

Fruit Prospects Excellent

In fact 1922 is an all around year. O. F. Whitney, while having no official figures to put out yet, is confident there will be 1 million bushels of commercial apples picked in Kansas this year, and probably a total yield of 2

million bushels. Last year there were barely 200,000 bushels of commercial apples, and probably not more than 100,000 bushels of apples for home consumption.

For the first time in the memory of Kansas high school children, Kansas has a peach crop. The only trouble, Whitney says, is that Kansas had lost faith in peaches so completely that there are few trees on which to hang the peaches. There will be at least 50,000 bushels of peaches.

Truck Gardening Picks Up

It has been a good year for the minor garden and truck farm crops. The strawberry yield was excellent, raspberries very good. Grapes are promising to set a record, and there will be probably twice the yield of last year, when 500,000 8-pound baskets were marketed from Kansas vineyards.

Kansas farmers and livestock men are coming back from the tremendous blow dealt them following the war. The report of the Kansas State Board of Agriculture next winter will show about 1½ million hogs in Kansas this year, compared to 1,304,000 hogs last year. These figures include the pig crop, which is not listed by the assessors for taxation in March.

The cattle business is not as far toward recovery as the hog business, but is getting started back. Excellent pastures this year are helping.

Sudan Grass and Broomcorn

Two features of Kansas agriculture this year are the increased yields and acreage of broomcorn and Sudan grass. The broomcorn acreage is 50 per cent higher than in 1921, and yield is estimated at 5 million pounds, compared to 3,300,000 pounds in 1921. In J. C. Mohler's office they are expecting the report this winter to show half a million tons of Sudan grass, as against 285,000 tons last year.

Weather conditions were favorable for threshing last week and farmers everywhere made good use of the opportunity. Shock threshing has generally been finished and stack threshing is beginning. The third cutting of alfalfa is under way in the central third of the state and the southeast counties and is now starting in the northeast counties. Cutting prairie hay is in full swing.

Grain sorghums are doing well. Fifteen to 25 per cent of them are in head in the southwest quarter and the south-central counties, where the bulk of the crop is raised. Sugar beets, in the Garden City district are making an excellent growth.

Special County Reports

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

Cherokee—We have had plenty of rain and all row crops are making a splendid growth. Hay is light but of good quality. Both fruit and vegetables are plentiful and low in price. A large proportion of the wheat crop is to be threshed yet. Several unsatisfactory public sales have been held. Rural Market Report: Potatoes, \$1.85; wheat, 85c.—Lydia Smyres.

Clay—Shock threshing is finished and farmers are plowing the ground. It is getting dry and hard. Corn is in tassel and silk and is beginning to suffer for want of moisture. Rural Market Report: Wheat, 77 to 82c; corn, 40c; hogs, \$9.00; butterfat, 25c; eggs, 16c.—P. R. Forslund.

Coffey—Damp weather is delaying threshing and wheat is in bad condition in the shock. Not much plowing has been done. Corn is in excellent condition and kafir is heading. The third crop of alfalfa, which is good, is now being harvested.—A. T. Stewart.

Dickinson—We are having rather dry weather. Corn needs rain very much. Shock threshing is completed. Wheat averaged around 20 bushels an acre and tests from 50 to 58. Oats yielded about 35 bushels an acre. Farmers are busy plowing. Pastures are getting dry.—F. M. Lorton.

Elk—Threshing is practically finished. Wheat averaged around 12 bushels an acre and tested No. 2 and under. Oats averaged fair to poor. Prairie hay is not as heavy as last year. Corn is looking good but is later than usual. Some swine plague is appearing over the country. We have had good showers the past week but not much plowing is being done.—D. W. Lockhart.

Elk—A good rain that fell in the southern part of the county last week, was very welcome as it was getting too dry to plow. Wheat threshing continues but most of it is done. Alfalfa, although it has some grass in it, is unusually good this cutting. Kafir will have small heads. Prairie hay, which is being baled and stacked, is making a good yield. No cattle are being shipped yet. Rural Market Report: Cream, 25c; eggs, 12c.—Charles Grant.

Ford—Dry, hot weather continues. The ground is too dry to plow. A few farmers are using the disk harrow to prepare wheat land. Wheat is hard to thresh as the grain is going thru the sweat in the shock, and because of so many weeds. Corn needs rain soon as only a few light, local showers have fallen.—John Zurbucher.

Gove and Sheridan—Corn and feed crops will be helped by the recent rains. Farmers are plowing and disking for wheat. The average yield for wheat is about 11 bushels an acre and 15 bushels an acre for barley

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148 ACRES. A bargain. Poor health. Terms. Col. J. Curtis, Oage City, Kan.

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FARMS for sale in strictly Catholic community. Jas. Burke, St. Paul, Kan.

KAW VALLEY potato farm, ½ mile from Fall Leaf, Kan. Box 111, Lawrence, Kan.

WESTERN KANSAS land, cheap. Easy terms. Write Jas. H. Little, LaCrosse, Kan.

GOOD GRAIN or dairy farm, 3 miles from University at Lawrence. Box 111, Lawrence, Kansas.

FARM BARGAINS, any size, in east Kansas, either for sale or exchange. Address Sewell Land Co., Garnett, Kansas.

80 ACRES, 3 miles town, Franklin County, well improved, all tillable, \$75 per acre, incumbrance \$4,500. Write for list of other land. Ottawa Realty Co., Ottawa, Kansas.

39 ACRES adjoining Olathe, Kan., 25 miles of K. C. on oil road. Deaf school. Terms. Mrs. Ella Eddy, 206 E. Santa Fe, Olathe, Kansas.

FOR SALE EIGHT CHOICE SECTIONS, Wallace County, Kan., one to three miles of Wekan. Agents wanted. C. E. Mitchem, Harvard, Illinois.

480 ACRES improved, 300 level cult., some rolling land in pasture. School on land 13 miles Quinter. \$30 per acre. \$2500. Cash will handle. H. U. Porter, Quinter, Kan.

CREEK BOTTOM FARM 200 acres, well improved, 80 plowed, 20 timber, 100 pasture, 7 miles town, near school at pre-war price, \$60 per acre. T. B. Godsey, Emporia, Kan.

70 A., 6 mi. Ottawa, Kan. New imp.; \$110 a. 125 a. 2 mi. R. town, imp., \$80 per a. 160 a. all tillable, well imp., \$100 a. good terms. Spangler Land Co., Ottawa, Kansas.

SOUTHEASTERN KANSAS, Good farm lands. Low prices, very easy terms. Exchanges made. Send for booklet. The Allen County Investment Co., Iola, Kan.

BUY IN northeastern Kansas where corn, wheat and all tame grasses are sure. Send for farm list. Silas D. Warner, 727½ Commercial St., Atchison, Kansas.

GRANT COUNTY QUARTER—\$3500 ¼ mi. from townsite on new railroad. \$1,300 cash, bal. \$550 annually. 7%. Very choice of land. Griffith & Baughman, Satanta or Liberal, Kansas.

BEST RANCH IN KANSAS. 4,000 acres. 500 acres for alfalfa. Excellent buildings and equipment. All could be cultivated. An excellent opportunity. Write J. N. Bailey & Son, Hutchinson, Kansas.

65 ACRES, 3 miles paved street, Ottawa, Kansas. Part bottom land. Improved. Well watered. Orchard. Sacrifice price for quick sale. Ask for August list. Mansfield Land & Loan Company, Ottawa, Kansas.

YOUR OPPORTUNITY to get a real farm home. 300 acres 6 miles town, good improvements, 100 acres cultivation, balance native grass pasture. Land all smooth. Price \$37.50 per acre. Mansfield Investment & Realty Co., Healy, Lane Co., Kan.

315 ACRES rich level Solomon Valley alfalfa and wheat land, 3 miles from Minneapolis, Kan. 2 sets improvements. Price \$150 per acre. Easy terms. Write owner. W. S. Murray, 1021 Commerce Bldg., Kansas City, Missouri.

FOR SALE—240 acre nice upland wheat farm, good 6-room house, barn, granary, garage, chick house, well, windmill, 30 acres pasture, 10 acres meadow, 20 acres alfalfa, 180 acres cultivated; 2 mi. shipping point. \$60 acre. Write V. E. Niquette, Salina, Kan.

110 A. JEFFERSON CO., 5 mi. of town, 2 mi. of paved highway to K. C., small improvements; \$1500 cash, bal. long time. Price \$42.50 per a. For particulars of this and other farms write The Mansfield Land Mfg. Co., 312-13 New England Bldg., Topeka, Kan.

STANTON, GRANT AND HASKELL county, Kansas, land, ¼ section and up, \$15 to \$20 acre. Buffalo grass sod. Best wheat land. Santa Fe Ry. now under construction. ¼ cash, balance 5 years 6% annually. This land will double in value after R. R. is built. Bargains in S. W. Kansas improved farms. Write Eugene Williams, Minneola, Kansas.

and oats. About half of wheat is going direct to the markets. Rural Market Report: Wheat, 95c to \$1; eggs, 14c; cream, 25c.—John Aldrich.

Greenwood—The weather has been ideal for corn and kafir. The prospective corn crop would be much better with another rain. Wheat threshing is progressing nicely, but the grain is damp and the elevators offer only 80 cents for No. 1 wheat. Grass cattle are going to market.—A. H. Brothers.

Hamilton—July was the hottest July we have had for last 10 years, but we had more moisture than in any July for six years. More wheat, rye, barley and oats were raised than we have had in 20 years and the acreage of wheat and rye will be doubled if not trebled this fall. Many acres of sod are being broken for wheat and rye. Threshing is well started. We have very good prospects for an excellent corn crop, although we had three hail storms during July. Alfalfa crop, both for hay and seed, is above

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KANSAS

750 ACRE beautiful level farm, adjoining town in Lane county, Kansas; it's one of the finest bodies of land in county; 2 story, 7 room house, 2 large barns, granaries, other outbuildings; nearly 400 acres fine wheat; abundance water; real snap, owner non-resident; \$45 per acre; attractive terms. Mansfield Land & Loan Company, 415 Bonfills Bldg., 10th & Walnut, Kansas City, Mo.

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HIGHLY IMPROVED DAIRY AND SUBURBAN FARM OF 170 ACRES

Adjacent to the city limits of Coffeyville, Montgomery Co., Kan., a city of 18,000 population, 3 blocks from city street car line. Practically all first creek bottom land, all tillable except 2 acres creek, permanent running water, practically all alfalfa land, 25 acres growing alfalfa. Barn 54x74 feet, 18 foot to eave; 32 steel stanchions equipped with automatic drinking fountains, concrete floors and feed troughs, 2 tile silos holding 150 tons each, hay mow holding 125 tons. Stucco dairy house 26x24. Comfortable residence, all buildings except residence practically new. Remember this dairy and suburban farm joins the city limits of one of the largest cities in Kansas. Price \$165 per acre. Peoples State Bank, by Martin Ladd, Receiver, Coffeyville, Kansas.

ARKANSAS

FARM, 40 ACRES, 25 in cultivation, good house and buildings; \$800 on monthly payments. B. H. Atkinson, Berryville, Ark.

40 ACRES, well imp., good road, mail route, near town, orchard 200 trees, no stumps. Other land. A. G. Russell, Pine Bluff, Ark.

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BUY A FARM in the great fruit and farming country of northwest Arkansas where land is cheap and terms are reasonable. For free literature and list of farms write Doyel & Alsip, Mountainburg, Arkansas.

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5,000 a. river bottom near Gov. Lowden's plantation. Half cult. 100 houses. Mules, machinery. Large mdse. stock. New land, above overflow. Hard surfaced highways. R. R. station on place. All for \$75 per acre. Terms. R. L. Bryn Real Estate Company, 121 Louisiana, Little Rock, Arkansas.

COLORADO

30,000 ACRES—Tracts 160 a. upward. Crop payment plan. Doll & Lamb, Lamar, Colo.

FOR SALE TEN CHOICE SECTIONS, east of Cheyenne, Wells, Cheyenne County, Colorado. Agents wanted. C. E. Mitchem, Harvard, Illinois.

FOR REAL BARGAIN buy this unimproved 320 A., half mile good small town, smooth and best of soil, 10,000 acres other Eastern Colorado lands to offer, agents wanted. Mitchem Land Co., Galata, Colo.

CATTLE RANCH TRADE

Splendid cattle ranch, three thousand acres deeded land, and twenty thousand acres adjoining, on long term lease. Highly improved. Half deeded land in cultivation. Good water right. Near shipping point. Colorado Springs 30 miles. Owner ill, will consider trade for clear land in Iowa or Nebraska. Price \$200,000. No encumbrance. National Realty Company, Colorado Springs, Colorado.

Let Us Tell You About Colorado's Famous 80 Acre San Luis Valley Farms

We offer 80-acre irrigated farm tracts within six miles of railroad town in consolidated school district, with telephone conveniences, with good roads at \$75 per acre, payable \$15.00 per acre cash, annual interest six per cent for three years, after that one-seventh of balance of principal each year with interest until the whole amount is paid.

We require buyer to establish his home on land within one year from the date of purchase, to come with stock and machinery and the means to put up suitable buildings. We want experienced farmers who can make good if they have a fair chance. We will provide the fair chance for the experienced farmer. Growing community, excellent crop records, good markets. Write us today. CHAS. E. GIBSON CO., 533 U. S. National Bank Bldg., Denver, Colo.

FLORIDA

FLORIDA LANDS, wholesale, retail, or exchange. Interstate Development Co., Scarritt Bldg., Kansas City, Mo.

CANADA

IRRIGATED LAND for sale in southern Alberta. Having bumper crops this year. Write for prices and particulars. Apply W. M. Harris Agency, Ltd., Lethbridge, Alta., Can.

SASKATCHEWAN FARM BARGAINS. Sec. 1 mi. town, 450 in crop with ½ crop, \$45. Half adj. town, 100 a. cult., \$30. Another half ½ mi. away, \$22. 240 a. 4 mi. town, 200 in crop with ½ of crop, \$30. 360 a. town 3 mi., 200 crop with ½ crop, \$45. 2,000 a. all fenced, 1,400 cult., 800 crop, good dwelling, electric lights, water, barn, chicken house, granaries, horses, machinery, thrasher, equipment and crop, \$45 a. Crops promising. Write now. D. H. McDonald Co., Fort Qu'Appelle, Sask.

MISSOURI

FARM and city bargains. Ideal environment. Schools, colleges. H. A. Lee, Nevada, Mo.

GREENE CO. dairy farm, 90 a., imp., \$50 a. Easy terms. W. C. Cornell, Springfield, Mo.

LISTEN, 40 acre imp. farm with 1200. Good terms. Other farms. McGrath, Mountain View, Mo.

WRITE FOR FREE LIST of farms in Ozarks, Douglas Co. Abstract Co., Ava, Mo.

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

ATTENTION FARM BUYERS—I have all size farms for sale. Well improved. Good soil. Good water. Mild climate. Low prices. Good terms. List free. Write Frank M. Hamel, Marshfield, Mo.

OKLAHOMA

NORTHEAST OKLAHOMA farms at wonderful bargain prices. \$10 to \$60 per acre. E. G. Eby, Wagoner, Oklahoma.

NORTH EASTERN OKLAHOMA 150 acre improved, prairie farm, 1 mile from Pryor. Excellent stock and grain farm. Good soil. Plenty of grass and living water. Will sell at \$37.50 acre to settle estate. Terms. Expenses refunded if you say it's not a bargain. Other bargains. T. C. Bowling, Owner, Pryor, (Mayes Co.), Okla.

OREGON

OREGON FRUIT RANCH clear, \$15 A. very choice location, \$40,000. Terms, \$10,000 cash, balance 10 years 6%. Buy this and live where climate is ideal and crops never fail. Would consider some exchange. What have you? Walter Jones, Salina, Kan.

SALE OR EXCHANGE

SELL and exchange Franklin Co. land, \$75 a. and up. Lyman Dickey & Co., Ottawa, Kan.

TRADES—What have you? List free. Bersle Farm Agency, El Dorado, Kansas.

FOR SALE OR TRADE, one of the best ranches of 3500 acres in eastern Colo. J. H. Pope, Springfield, Colorado.

640 ACRES, clear Wyoming land, \$9,600. Want Colorado land or income. F. R. Cline, 1757 Champa St., Denver, Colo.

FARM BARGAINS. Any size in Greenwood and Elk county, Kan. For sale or exchange. A. M. Brandt, Severy, Kansas.

SALE, RENT OR EXCHANGE, improved 195 acre stock and grain farm. Neodesha seven miles. Immediate possession. Owner. John Deer, Neodesha, Kansas.

LAND—VARIOUS STATES

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

SEND FOR FREE BOOK describing opportunities offered home seekers and investors along the Great Northern Railway in Minnesota, North Dakota, Montana, Idaho, Washington and Oregon. E. C. Leedy, Dept. G, St. Paul, Minn.

PRODUCTIVE LANDS. Crop payment or easy terms, along the Northern Pacific Ry. in Minnesota, North Dakota, Montana, Idaho, Washington and Oregon. Free literature. Say what state interests you. H. W. Byerly, 81 Northern Pacific Ry., St. Paul, Minn.

40 Acre Farm

Berries: Timber should pay for it. Convenient R. R. town, school handy, fine markets; land all tillable, lime soil; \$450 income berries alone, woodlot to cut about 32,000 ft. timber; good dwelling; spring water, porch, cool shade, barn, corn crib, etc., sacrificed for \$1200. Part cash. J. B. Michene, Zack, Ark.

REAL ESTATE WANTED

FARM WANTED—Give full description and price. Will deal with owner only. R. E. Leaderbrand, B-350, Cimarron, Kan.

WANTED: To hear from owner of farm for sale. Give price and description. H. E. BUSBY, Washington, Iowa

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

I WANT FARMS and lands for cash buyers. Will deal with the owners only. R. A. McNown, 329 Wilkinson Bldg., Omaha, Neb.

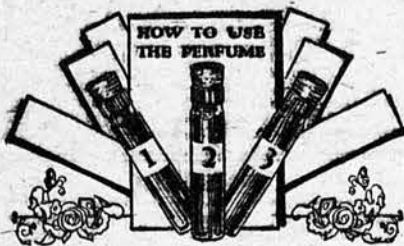
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Lowest Current Rate Quick Service. Liberal Option. Interest Annual or Semi-Annual.

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Try this most fascinating method of determining the real value of different perfumes.

Let us send you three miniature vials of perfume with instructions for duplicating the famous international perfume test. You can then choose for yourself the special perfume which will surround you with that individual atmosphere of fragrance that so delightfully portrays your personality.

This famous test was conducted by two prominent New York men, assisted by a jury of 103 women—famous actresses—college girls—society women—all fastidious about their perfume.

It not only demonstrated beyond a question of a doubt HOW the individual can safely select her personal perfume, but it developed some surprising facts about the REAL preference of these fastidious women. Every girl should read this interesting story; it is told in a little folder packed in each test equipment package.

Three trial-size vials of wonderful fragrance—a package of perfumer's test slips—full instructions for use and the story of the famous test—all packed to reach you safely—for a two cent stamp and your address. Send today to Perfume Test Dept. PT106, COLGATE & CO., P. O. Box 645, City Hall Station, New York City.

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delight in—

COLGATE Perfumes

\$7.50 After 30 Days Free Trial

The Belgian Melotte Separator—wonderful Self-Balancing Bowl—No other like it.

30 days' free trial—then, if satisfied, only \$7.50 and a few easy payments—AND—the wonderful Belgian Melotte Separator is YOURS.

No Money Down!

Catalog tells all—write, **Caution!** U. S. Bulletin 201 shows that vibration of the bowl causes cream to separate. The Melotte bowl is self-balancing. Positively cannot get out of balance therefore cannot vibrate. Can't remix cream with milk. The Melotte has won 24 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 details of our 15-year guarantee which is infinitely stronger than any separator guarantee. Write TODAY.

The Melotte Separator, H. B. Babson, U.S. Mgr., Dept. C297, 2045 W. 26th Street, Chicago, Ill.

Big Engine Sale

Prices Reduced on
Direct from factory
4 month's trial. May
be returned for full
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Engine Book and
Sale Prices Today.
OTTAWA MFG. CO.
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Radio Tuning Simplified

The Little Wonder Spider Web does it.
\$2.50 by mail postpaid.
THE AIRPHONE CO., NORTON, KANSAS

average. Large flocks of chickens and turkeys are being raised. Many fine hogs are dying of cholera. Rural Market Report: Kafir, \$1.25; wheat, \$1.15; mize, \$1.35 a hundredweight; cream, 23c; frya, 26c; hens, 13c; butter, 30c; eggs, 14c; unbroken mules, \$40 to \$80; horses, \$25 to \$75; milk cows, \$50 to \$100.—W. H. Brown.

Haskell—Thrashing machines are running full time. Growing crops are in need of moisture. Some plowing is being done. Several car-loads of cattle have recently gone to market. A few public sales are being held. Rural Market Report: Wheat, 80c; oats, 25c; barley, 30c.—Harold E. Torgard.

Labette—A good rain fell August 6 that was followed by a heavy one on August 7 insuring an excellent corn crop. Shook thrashing has been finished. More plowing was done in July this year than in any other July for years. The weeds are hard to exterminate this year. Potatoes and tomatoes are plentiful and also all kinds of fruit. Rural Market Report: Elberta peaches, \$1.50; flour, \$2; bran, 75c; chop stuff, \$1.45; cream, 23c; eggs, 14c.—J. N. McLane.

Lane—We had a local rain this week. Farmers are busy plowing. Prices received at public sales are very unsatisfactory. Wheat is yielding from 3 to 9 bushels an acre. Rural Market Report: Butterfat, 28c; eggs, 13c; wheat, 95c.—S. F. Dickinson.

Rawlins—Our rainy harvest season is about finished. Corn and feed are in splendid condition. Wheat is yielding from 10 to 40 bushels an acre. Farmers are busy plowing.—J. S. Skolout.

Reno—Most of the wheat ground is listed. Corn is in excellent condition thus far. Alfalfa is now being cut the third time. The wet spell, during which all spring crops made an excellent growth, is over now. Old corn is about all fed.—D. Engelhart.

Sherman—Harvest is about finished. Wheat yielded from 3 to 30 bushels an acre. Most of the county has had plenty of rain and we now have the best prospects we ever had for corn. All forage crops and pastures are in splendid condition. The ground is in fine condition for plowing and disking.—Jas. B. Moore.

Stafford—Recent rains have greatly benefited the corn and feed crops. Thrashing has progressed very slowly and wheat is yielding from 5 to 20 bushels an acre. Considerable ground has been prepared for wheat. Farmers are marketing their grain freely. Rural Market Report: Wheat, 82c; corn, 50c; cream, 23c; springs, 12c to 17c.—H. A. Kachelman.

Washington—We are having hot, dry weather. A good rain would be greatly appreciated. Shook thrashing is nearly finished. Fall plowing has been started. Farmers are busy cutting millet and Sudan grass and putting up alfalfa. Rural Market Report: Eggs, 16c; butterfat, 23c.—Ralph B. Cole.

Wyandotte—Prospects are very good for an excellent corn crop although another heavy rain would greatly benefit it. Pastures are getting short but livestock is in good condition. No fall plowing has been done yet.—A. C. Espenlaub.

Field Notes

BY J. W. JOHNSON

Clarence Lacey of Maple Hill Stock Farm, Meriden, Kan., has an exceptionally good herd of Shropshire sheep. He offers show rams by Imp. Buttar 523; also field rams, yearlings and lambs.—Advertisement.

This is the last call for the S. W. Shine-man sale at Summit Home farm four miles southwest of Frankfort on the Whiteway, Tuesday, August 22. That is next Tuesday. Fifty Hampshire bred sows and a few choice spring boars will be sold. All are immunized and either registered or eligible. Be sure to go.—Advertisement.

T. Crowl's Poland Chinas

T. Crowl, Barnard, Kan., offers for quick sale about a dozen March Poland China gilts of the best of breeding and very type and well grown and just splendid individuals at sacrifice price for quick sale. Also about the same number of boars at the same kind of prices. Write him quick if you are at all interested.—Advertisement.

S. W. Shineman's Hampshire Sale

This is the last call for the S. W. Shineman Hampshire bred sow sale at Frankfort, Kan., next Tuesday, August 22. The sale will be held at the S. W. Shineman farm about five miles west of Frankfort on the Whiteway Auto road. It is about eight miles from Blue Rapids on the same road. The sale will start right after dinner.—Advertisement.

Immunized Duroc Boars

Johnson & Dimond Duroc Jersey breeders living on the state line nine miles south of Fairbury, Neb., and eleven miles north of Morrowville, Kan., have for sale some spring boars at the low price of \$35 each while they last. They are mostly by Orion Pathfinder a son of Great Pathfinder and out of a sow by Johns Orion. They combine the blood of the Sensations, Golden Wonder, and Pathfinder.—Advertisement.

Runyon & Kraus Poland Sale

The Runyon & Kraus Poland China sale at Osage City, Saturday, Sept. 2 will be a good place to buy bred sows of the kind that will make you money as sure as you buy them. 40 head go in this sale. It is an offering made up of bred sows, spring boars and gilts and you have plenty of time to ask for the catalog and receive it in time to go over it before the sale. Address, Runyon & Kraus, Osage City, Kan., for it at once.—Advertisement.

Fuller's Spotted Polands

J. S. Fuller, Alton, Kan., breeder of Spotted Poland Chinas is advertising in this issue of the Mail and Breeze. He offers last fall gilts bred to his herd boar, a son of Arch Back King. Also 100 spring boars and gilts. His breeding is up to date and you will find them good individuals and priced worth the money. Look up the advertisement in this issue of the Mail and Breeze.—Advertisement.

Dickinson Co., Breeders Shorthorn Sale.

The Dickinson county Shorthorn breeders association have decided upon an association sale and the date claimed is October 31. The sale will be held at Abilene and it is the day before the state association sale at the College at Manhattan and it is the day before the northwest Kansas Shorthorn breeders association sale at Concordia. About 45 or 50 head will be sold. Members over the county who want to consign to this

sale should get in communication with C. W. Taylor, at Abilene, at once. Mr. Taylor is the secretary of the association. You can phone him any evening. If you are not already a member you can become one by making application to the secretary. But get in touch with Mr. Taylor at once if you want to consign cattle to this sale.—Advertisement.

W. E. Ross' Red Polled Cattle

W. E. Ross & Son, Smith Center, Kan., are well known breeders of Red Polled cattle and Chester White hogs. They are starting their Red Polled advertisement in this issue of the Mail and Breeze and their Chester White advertisement will appear later. At the head of their Red Polled herd is Duke of Springdale by Creme 22nd, a bull that was used by Chas. Morrison and later by the Agricultural College herd at Manhattan. They breed Chester White hogs of the very best and their herd is headed by Sunflower Price he by Prince Tip Top. If you want a young bull of serviceable age write them at once and if you want a boar now is a good time to buy him.—Advertisement.

D. S. Sheard's Polled Shorthorns

D. S. Sheard, Esbon, Kan., offers two Polled Shorthorn bulls for sale, one a son of Meadow Sultan and the other a grandson. One is a four year old and a nice roan and sold fully guaranteed a breeder and kind and gentle. The other is pure white and two years old. Mr. Sheard must sell these bulls because they are the sires of the young stuff he wants to keep. He also breeds Duroc Jerseys and will have a nice lot of young boars for sale in September and October. He will hold a bred sow sale March 6. Write him at once about the bulls and also about cows and heifers if you are interested.—Advertisement.

Duroc Herd Boar Changes Hands

Ora Ayers, one of Nebraska's leading Duroc Jersey breeders, reports the sale of his great breeding boar Top Sensation 4th to Johnson & Dimond of Fairbury, Neb. Top Sensation 4th, writes Mr. Ayers is one of the greatest boars of the breed. He is perhaps the best son of Top Sensation, litter brother to Great Sensation and King Sensation. These three boars did more than any three living boars to establish the present Duroc type and were in reality the foundation of the Sensation family. Top Sensation is the sire of Rainbow Sensation, our great boar that was Grand Champion at Colorado state fair last year and will be shown at both Kansas fairs this year. We have at this time nearly thirty of his daughters in our breeding herd and owning Rainbow Sensation made it possible for us to spare the old boar and we let him go at a bargain.—Advertisement.

J. J. Smith's New Herd Boar

J. J. Smith, Lawrence, Kan., started out recently to buy a herd boar. He visited a number of the best herds in Nebraska, South Dakota and Iowa and the boar he decided upon as the best to be had for his herd was a son of the great boar in the Putman herd at Tecumseh, Neb. He is a spring pig sired by this great boar and his dam is a big 800 pound sow in the Putman herd. Mr. Smith has named him Commander's Admiration and you are going to see him at the fairs this fall. The Smith crop of spring pigs is one of the best raised in the territory this year and the tops of the boars will be sold in the annual sale at the Smith farm, Oct. 21 and their sisters are being reserved for the bred sow sale in February. Its a grand lot of boars that go in Mr. Smith's Oct. 21 sale. Better write him to book you for a catalog right away. The sale will be advertised in the Mail and Breeze later on.—Advertisement.

Miller & Manning Sale

Now is your opportunity if you want to get in the registered Spotted Poland China business with an ordinary outlay. Miller & Manning, Council Grove, Kan., are among the largest breeders of Spotted Poland Chinas in the country and on Sept. 6 they sell 60 bred gilts at that place. Among the important herd boars in use in the Miller & Manning herd are M. & M.'s English Jumbo, Senior champion 1921; Sylvan Giant and Favorite Chief. You likely remember the Miller & Manning bred sow sale last winter at Council Grove. It was one of the good sales of the year and one of the best offerings ever sold anywhere. In this sale Sept. 6 you are buying the same breeding and individuals just as good but at a time of the year when prices are sure not to range high. They will sell this winter for double what they will sell for in September and possibly higher. The catalog is ready to mail and you are welcome to one if you will send your name and address to Miller & Manning, Council Grove, Kan.—Advertisement.

L. F. Cory & Sons Holstein Sale

L. F. Cory & Son, Belleville, Kan., have claimed Oct. 18 as the date of their big reduction sale of Holsteins. To better accommodate their customers they are going to sell in Concordia in the new sale pavilion. The Cory herd was established in September 1909 and has steadily gained in prominence until it is today one of the strong herds of the state. Their first herd bull was Aagie Cornucopia Johanna Lad 6th, a grandson of Aagie Cornucopia Pauline, for eight years the milk and butter champion. Foundation cows of the herd were daughters of Jessie Maida Paul De Kol Jr. On the daughters of the Cornucopia bull they used Jewel Paul Butter Boy, a son of Pontiac Jewel Butter Boy and Brookland Paul Beets Maida. Later they used Dutchland Creamelle Sir Inka, a son of Dutchland Creamelle Kordyke Lad. On the daughters of the Dutchland bull they used King Morco Meade Alcarra, a grandson of the long distance milk and butter cow, Tillie Alcarra. About 50 head will be cataloged and it is going to be a good place to buy foundation cattle as the Cory sales always are. The sale will be advertised in the Mail and Breeze starting the last of September and the catalog will be compiled soon and be ready for mailing to those who want it. You can write them today for it and you will receive it as soon as it is off the press.—Advertisement.

W. A. Prewett & Son's Poland Sale

W. A. Prewett & Sons, Asherville, Kan., will hold their Polled Shorthorn cattle sale and their Poland China sale at Sunnyside stock farm one mile north of Asherville, Friday and Saturday, Nov. 3 and 4. The Poland China sale will be held on Friday and the cattle sale on Saturday. This is the 18th sale for the Prewetts. They will sell

POLAND CHINA HOGS

25 Extra Good Poland China Sows and Gilts

Bred to Clansman Jr. 124480 for Sept. farrow. 75 extra well bred and well grown spring pigs. Can furnish boar and gilt, no relation, some real herd boars, everything immune, pedigreed. Satisfaction guaranteed. Priced to sell.
ED SHEEMY, HUME, MISSOURI.

DEMING RANCH BRED FEMALES

Young sows and gilts to farrow August and September. Bred to The Latchette and Ranch Yankee. A fine lot of spring pigs, both sex. We'll take care of all your needs for Polandas.
H. O. Sheldon, Supt. Hog Department, Oswego, Kan.

SPRING BOARS and GILTS

By Big Cornhusker and Long Ranger by C.2 Ranger. I can please you with either a boar or gilt as I have some outstanding prospects weighing from 135 to 200 pounds. Write for prices and description. I guarantee satisfaction. GRANT APPLEBY, Ames, Kan.

Schoenhofer's Immuned Polandas

Extra good boars by Premium Monarch out of extra good sows. Write us at once if you want one of these good boars.
GEO. J. SCHOENHOFER, WALNUT, KAN.

HAMPSHIRE HOGS

Kedlon Valley Ranch Hampshires

Good spring boars ready for fall service. Rangy, well marked, small heads, good ears and feet. Gilts same type. Immuned, registered and sold guaranteed. Dams mostly Cherokee. Offering good Tipton, aged sire, cheap. Cannot use him longer.
DOBSON & McNEAL, EDNA, KANSAS.

Walter Shaw's Hampshires
200 HEAD: REGISTERED, Immuned, tried bred sows and gilts, serviceable boars.
WICHITA, KANSAS, RT. 6.
Telephone 3918, Derby, Kan.

Whiteway Hampshires Shipped on Approval
Bred gilts, choice spring boars and gilts. Champion bred pairs and trios not related. Immuned.
F. B. Wempe, Frankfort, Kansas

100 SPRING GILTS AND BOARS
Well bred. Priced to sell.
W. F. Dressler, Route 3, Emporia, Kansas

CHESTER WHITE HOGS

Twenty Chester White

Bred Sows and Gilts at public sale near town on
Saturday, August 19
All registered and immune, also other stock. The old reliable
HENRY MURR, Tonganoxie, Kansas

Choice O. I. C. Pigs

Either sex, prices reasonable.
T. V. BENNETT, HALLS SUMMIT, KAN.

JUNE BRED CHESTER WHITE GILTS

J. H. HOOVER, ROSEL, KANSAS.
REGISTERED CHESTER WHITE BOAR for sale. Young, weights over three hundred. I ask \$45. Merle B. Peebler, Latham, Kan.

HORSES AND JACK STOCK

6 Percheron, Ton Breeding Stallions
7 reg. jacks (own raising). Colts and mules to show, very choice stock with size and weight, desirable ages, dark colors.
GEO. SCHWAB, CLAY CENTER, NEB.

GREAT SHOW AND BREEDING JACKS
Priced right. Mineman's Jack Farm, Dighton, Kan.

DUROC JERSEY HOGS

Pathrion & Giant Orion Sensation 4th
We are offering some choice spring boars sired by these two great boars at the head of our herd. Write us at once.
W. D. McComas, Box 455, Wichita, Kansas

"Legal Tender" Durocs

have been sold in 51 counties in Kansas. I have a nice lot of pigs 40 to 125 lbs. Papers free with each one. Pairs unrelated. Best breeding at right prices. Write me your wants. J. E. WELLER, Holton, Kan.

SENT ON APPROVAL

Extra good spring gilts and boars by Giles' Royal Pathfinder and Long Sensation. Fine winning sires, Orion, Col. and Sulta dams. GILES BOUSE, Wethalia Kan.

VALLEY SPRING DUROCS

Boars all ages, bred sows and gilts. Popular breeding, immunized. Pedigrees. Terms to suit. E. J. BLISS, BLOOMINGTON, KAN.

Durocs \$20 to \$30

Boars ready for service. Fall pigs, either sex, not related, by Hurdler, Pathfinder and Valley Wonder Sensation. E. C. MUNSSELL, RUSSELL, KANSAS

Outstanding Boars

by Superior Sensation out of choice dams by Pathfinder Chief 2nd. LESTER L. READY, ANTHONY, KAN.

ROYAL PATHMASTER BY PATHMASTER
Immunized spring boars by this herd sire out of good Sensation and Pathfinder dams. Write or call. S. and B. G. Cooley, Plymouth, Kan.

SPRING PIGS, BOTH SEX, by Uneeda Pathmaster by Uneeda Orion Sensation, Iowa and Nebraska grand champion, and Big Sensation, grandson of Great Sensation. A. W. Steele, R. 9, Wichita, Kan.

SPRING PIGS, BOTH SEX, Jack's Col. Great Orion and The Major breeding. Dams include daughters of Joe's Nellie 2nd. W. A. Martie, Paola, Kan.

When writing advertisers mention this paper

DUROC JERSEY HOGS

E. J. Wagner's Duroc Sale

Mulvane, Kansas,
Tuesday, August 29

15 tried sows, 15 bred gilts, 10 open gilts, 10 spring boars.

This offering is a hand picked group from my herd that was founded on good females that I selected from the best herds of Wichita and adjacent territory.

I am putting in this sale Durocs that show big type and good quality. The kind that will make good just like they have done for me. They will be Pathfinders, Sensations and Orions.

A number of the younger gilts are by an Orion Sensation sire that I think you will like when you see him sale day. Most of the females are bred to a son of Pathrion, 1920 Topeka grandchampion. A number of the boars are by Pathfinder Again.

Time is short. Write at once for a catalog. Please mention Kansas Farmer and Mail and Breeze. Send all buying orders to J. T. Hunter, who represents Kansas Farmer and Mail and Breeze.

E. J. Wagner,
Mulvane, Kansas

Boyd Newcom, auctioneer
J. T. Hunter, fieldman

Immured Duroc Spring Boars

We have picked 12 to ship out and will sell them at \$35 each while they last. Pathfinder, Sensation and Orion breeding. Crated light and fully guaranteed. Farm nine miles south of Fairbury on state line.

Johnson & Dimond, R. 4, Fairbury, Neb.

DurocHerd Boars

By the Greatest Sire GIANT SENSATION. Nothing common to sell. These are real boars. Come and see or write.

W. H. Rasmussen, Box K, Norfolk, Nebraska

Fulks Holds No Summer Auction

Offering at private treaty 20 sows bred for September farrow to Pathfinder Jr. and Giant I Am. Also spring gilts and boars. Sows and pigs are Sensation, Pathfinder, Orion and Great Wonder I Am breeding. A good offering priced right.

W. H. FULKS, LANGDON, KANSAS

E. G. Hoover's Spring Pigs

Spring pigs by good sires and out of top dams by good Kansas and Nebraska boars. You will like these pigs. Write us.

E. G. HOOVER, WICHITA, KANSAS

Brauer Purebred Duroc Co.

If you want good, well bred spring gilts or boars from the most widely and favorably known Duroc herd in Colorado, write us your wants. J. W. Brauer, Gov. Oliver H. Shoup, Address J. W. Brauer, Route 1, Colorado Springs, Colorado.

Bred Sows From Larimores

By Valley Sensation by Great Sensation, bred to Major Sensation Col. by Major Sensation. A few fall boars.

J. F. Larimore & Sons, Grenola, Kansas

Shepherd's Sensations

Big spring yearlings and tried sows bred to the grand champion, Sensational Pilot, and Sensational Giant. Only a few of these left. They are real sows. Spring boars, herd prospects. Immured. G. M. Shepherd, Lyons, Kan.

Waltemeyer's Giant

was the best boar I could find last fall up in Iowa. We are now offering for sale a lot of good sows and gilts bred to him for Aug., Sept. and Oct. farrow at very reasonable prices. Write for prices, breeding, etc., today. W. R. HUSTON, AMERICUS, KANSAS.

PUREBRED DUROC HOGS FOR SALE

prize winners any age. George Rhenkamp, Hooker, Okla.

IF YOU WILL NEED A BOAR this fall buy him now and save money. Pathfinder, Great Wonder I Am, and Major Sensation breeding. Overstake Bros., Atlanta, Kan.

100 Poland Chinas, 30 spring boars, 40 spring gilts, some tried sows and some fall yearling gilts and 30 or 40 late summer pigs, about half of each sex. The Poland Chinas, the younger stuff, are by the two herd boars, Liberator Again by Liberator and Dundale Joes by Dundale Giant. Both are extra large boars of modern type and it is one of the largest and most important Poland China offerings to be made this year in Kansas. 100 head from a herd like the Prewett herd is worth considering. The Polled Shorthorn sale the next day is just as important. 40 head sell, 28 females and 12 young bulls of serviceable ages. Some of the females are cows with calves at foot and other young cows and heifers. The entire herd is strong in Meadow Sultan breeding as the Prewetts formerly owned Meadow Sultan. In service now at the head of the herd is the 1919 international prize winner, Gloster's Leader, the cows and heifers old enough in the sale are bred to him and some already have calves at foot by him or will have, by sale day. The sale will be advertised in the Mail and Breeze, but you don't need to wait until then to have them book you for the sale catalogs. Write them at once for one.—Advertisement.

Jasperson's Shorthorn Sale
V. A. Jasperson, Scranton, Kan., Osage county, has sold his farm and on Monday, Sept. 4, he is dispersing his entire herd of registered Shorthorn cattle. About 40 head in all consisting of 16 cows with calves by his splendid herd bull, Sultan's Sentry and rebred to him; five cows that will calve soon after the sale; five two year old heifers that are bred and 14 yearling heifers sired by Sultan's Sentry. Sultan's Sentry, a Tomson Bros. bred bull and sired by Beaver Creek Sultan and out of a richly bred Clipper dam. He is a splendid sire, closely related to three of the greatest champions and he is just in his prime as a breeder. As evidence that he is a great breeder there will be calves of outstanding quality in the sale and other young stuff in just good breeding condition to demonstrate his worth as a breeder of the right kind. The cows in the sale are by such bulls as Marquis Cumberland, Walnut Type, Mellowhide, Knight Valentine, Silk Goods, Orange Sultan, etc. They are a good lot of breeding cows representing real families of Shorthorns. Mr. Jasperson has been in the business of raising Shorthorns for over 18 years and is the secretary of the Osage county Shorthorn breeders association. He is leaving the farm and the recent decision to do this makes it necessary to sell his Shorthorn herd at auction and it is in auctions like this that the greatest buys are usually made. In a dispersion sale everything goes and there will be plenty of cattle in this splendid sale that will be worth double what they bring because of this fact. Remember the date is Monday, September 4 and the sale is at the farm near Scranton, which is about 15 miles southwest of Topeka on the Santa Fe trail. It is a real opportunity to buy choice cattle at auction. The sale catalog is ready to mail now. Write for it at once and address, V. A. Jasperson, Scranton, Kan.—Advertisement.

BY J. T. HUNTER

Last Call McComas' Duroc Sale.
Thursday, August 24, W. D. McComas, Wichita, Kan., sells 50 sows, gilts and boars at his farm just west of Wichita. See last two issues of Kansas Farmer and Mail and Breeze for display advertisements. You may yet have time to get a catalog by telephoning or writing Mr. McComas. It's a good offering.—Advertisement.

Last Call Kirkpatrick-Ford-Rush Poland Sale.
See last two previous issues of Kansas Farmer and Mail and Breeze for display advertising in the combined Poland sale to be put on by the above named breeders at the D. A. Kirkpatrick farm, Cedar Vale, Kan., Tuesday, August 22. Here is an offering of well bred individuals of various family strains. Plan to attend.—Advertisement.

Last Call for Dr. Branch Duroc Sale.
Dr. Branch, Marion, Kan., sells 50 Durocs at Homeland Farm near Marion, Kan., Tuesday, August 22. Last two preceding issues of this paper carried display advertisements of the sale. The offering is a good one both in breeding and individuality. It will pay you to go there and buy some breeding stock if you are in the market for such at this time.—Advertisement.

Overstake Bros. Offer Fall Duroc Boars
Overstake Bros., Atlanta, Kan., make the suggestion that if you will need a boar this fall you should buy him early and save money. It is a good suggestion and they have some good ones of popular breeding including Pathfinders, Great Wonder I Am, and Major Sensation blood lines. Write them today and please mention Kansas Farmer and Mail & Breeze.—Advertisement.

Buell's Cedar Creek Poland Sale
C. M. Buell, Peabody, Kan., not only raises good Polands but exercises care in selecting for sale only those that he feels will reflect credit upon himself as well as make good for their owners. Friday, Sept. 8 he holds his annual fall sale at which time he sells an offering of over 40 head including some fine spring and fall yearlings, a number of spring gilts and fall gilts as well as some boars. This issue of the Kansas Farmer-Mail & Breeze carries the display advertisement of the sale. Read it and get a general idea concerning the offering and then write Mr. C. M. Buell, Peabody for a catalog. Please mention Kansas Farmer-Mail & Breeze.—Advertisement.

Lock Davidson Will Not Sell Aug. 26
Lock Davidson of the Guaranty Title and Trust Co., Wichita, Kan., had set Aug. 26 for the sale date for his Duroc sale when he would present an offering of forty bred sows and gilts but after traveling over several states in the corn belt and observing

SPOTTED POLAND CHINA HOGS

Gilts Bred to Son of Grand Champion
Leopard King. A few tried sows and spring pigs, grandsire Arch Back King. Also good herd boar. Everything immune. T. L. Curtis, Dunlap, Kansas.

BRED SOWS AND GILTS

To farrow in Sept. Spring pigs both sex. Well bred and priced right. JOHN DEITRICH, PLYMOUTH, KAN.

FULLER'S SPOTTED POLANDS
Fall gilts bred to a son of Arch Back King. Spring pigs, 100 to select from.
J. S. Fuller, Alton, Kansas.

CHOICE BRED GILTS. Good enough for breeders. Bred to Jumbo Gates. Feb. pigs, pairs or trios. Well spotted. Wm. Meyer, Farmington, Kan.

E. G. Hoover's FIRST DUROC SALE

At Farm Just West of
Wichita, Kan., Wednesday, Aug. 30

45 sows, gilts, boars—including tops and sons and daughters of tops bought at the best Kansas and Nebraska sales held within the past twelve months. Orchard Scissors and Great Pathrion head the herd and most of the offering has been bred to or sired by this battery of boars. Without a shadow of doubt Orchard Scissors is the greatest son of his illustrious sire, Scissors, both in individuality and breeding ability. Great Pathrion 1920 Kansas grand champion and 6th at 1921 National Swine Show had to be a good individual to win at those shows and his get prove his excellence as a sire. On the dam side of the offering there is a heritage of plenty of blood close up to the foundation heads of the best Duroc strains. Farmers and breeders desiring to lay in a supply of good breeding Durocs—the kind that found good herds or improve existent herds will like this offering. Sale at farm just west of Wichita, Kansas. Write today for a catalog. Please mention Kansas Farmer-Mail & Breeze. Address

E. G. Hoover, Wichita, Kan.
Boyd Newcom, Auctioneer. Send mail bids to J. T. Hunter, Fieldman for Kansas Farmer-Mail & Breeze.

Lock Davidson Calls Off August 26 Duroc Sale

Have decided to call off my August 26 Duroc sale at Caldwell, Kan. Will have an abundance of feed and the sale of 40 bred sows and gilts would reduce my fall pig crop below normal amount that I can care for conveniently. Rather than disappoint parties who planned to buy Durocs at my sale I will sell at private treaty some of these bred sows and gilts. See the Kansas Farmer-Mail & Breeze issues of August 5 and 12 for display advertisements giving description of the offering. Note that a number advertised for sale came from good eastern herds. Write or telephone me. Please mention Kansas Farmer-Mail & Breeze. Address

Lock Davidson, Guaranty Title & Trust Co.,
Beacon Bldg., Wichita, Kansas

Cedar Crest Farm Poland Sale Peabody, Kan., Friday, Sept. 8

C. M. Buell, Peabody, Kan., sells an offering that includes 25 spring and fall yearlings, 15 fall gilts, and some boars. Most of the offering sired by or bred to Big Ned, a big son of Big Joe and Double Giant, a Morton Giant sire. A number will be bred to a new sire, A Yankee Giant by Bendena Giant, 1921 Topeka champion. Boars in the offering include a specially attractive son of Big Ned out of Mary Morton Morton's Giant. If you want a real herd sire it will be found in this offering. Here is an offering of good ones picked from a good herd and sold guaranteed in every respect. Please mention Kansas Farmer and Mail & Breeze. For catalog address

C. M. Buell, Peabody, Kansas
Send all buying orders to J. T. Hunter who will represent the Kansas Farmer and Mail & Breeze.
R. E. Miller, Auctioneer. J. T. Hunter, Fieldman.

Wittum's Annual Fall Poland Sale Caldwell, Kan., Friday, August 25

5 Bred Sows, 25 Bred Fall Gilts, 20 Spring Gilts, 5 Boars

Offering sired by Gerstdale Orange, King Checkers, Ringmaster, Wittum's Giant, Morton's Giant and Big King. Bred to Wittum's King Kole, Gerstdale Orange, King Checkers and a son of Designer.

Spring gilts and boars are March farrow. Fall gilts are picked from 60 head, spring gilts and boars are picked from 100 head. All hogs sold in this sale will be recorded in buyers' names promptly. No delay in papers.

We endeavor to send out breeding stock that will make good. Each hog in this offering has been carefully selected.

Send for catalog. Please mention Kansas Farmer-Mail and Breeze. Send mail bids to J. T. Hunter who represents Kansas Farmer-Mail and Breeze.

F. E. WITTUM, CALDWELL, KANSAS

Aucts: Savage & Tarpenting; O. V. & Clifford Williams, Thompson and Hall

Grandview Spotted Poland Sale Eureka, Kansas, Saturday, September 2

12 Tried Sows, 14 Bred Gilts, 21 Spring Gilts, 12 Boars.

Most of the offering sired by or bred to Greenwood, 1st in class 1921 Greenwood County Fair and Billy Bean by Leopard King, 1918 World's Junior Champion. Dams are equally well bred, some of the offering by Spotted Duroc and Blakeman. Spotted Poland herds are rapidly increasing in numbers everywhere because of their easy feeding, quick growth characteristics and they have the best hind quarters of any breed. Parties desiring good Spotted Polands for foundation stock or improvement of established herds will find in this sale just what they want in individuality and breeding. Please mention Kansas Farmer-Mail & Breeze. For catalog address

J. R. Ballard, Owner, or C. H. J. Fink, Mgr., Eureka, Kan.
Boyd Newcom, Auct. Send Mail Bids to J. T. Hunter who represents Kansas Farmer and Mail & Breeze.

Famous Stubbs' Hereford Sale

The greatest event of the year in the cattle world will be the closing out public sale of Ex-Governor Stubbs' herd of full-blood, non-registered Herefords.

September 11-12, at Stubbs' Ranch

18 miles northwest of Hereford, Texas, only 40 miles Southwest of Amarillo and 60 miles northeast of Clovis. Nearest railroad point Hereford, Texas on main line of Santa Fe.

2800 Purebred Non-Registered Herefords

This auction sale will dispose of 900 cows, 400 heifer calves, 375 bull calves, 300 yearling heifers, 250 two-year-old heifers and 60 registered Hereford bulls. In addition, the sale will include 200 two-year old steers and 300 yearling steers of Stubbs quality.

Prize Winning Stock at Your Price

This herd had a foundation stock of wonderful registered cows. For 35 years the choicest blood strains in the Hereford world have been added by use of only registered herd bulls. The Stubbs cattle have quality to spare. They are great, rugged, heavy-boned, low-down beef producing animals in good condition and running uniform to the best Hereford type.

For many years the bull calves have been sold at prices ranging from \$75.00 to \$150.00 per head for range service. The bulls and heifers have been prize winners at the American Royal and have topped the Kansas City market for both weight and price for the day, month and year and for all times previous to that date.

This sale will afford you stockmen the opportunity of a life-time to buy seed stock from a cow herd that has been more than a generation in the building. Remember, other men have spent a life-time breeding them for you. Cattle are scarce: good cattle are very scarce.

Entire Herd Must Be Sold September 11-12

Sales will be made in car-lots. Terms, 12 months' time with 7% interest will be extended to parties furnishing approved security. Good railroad accommodations. There will be bargains for all who come. Don't fail to take advantage of this eventful offering. Will hold cattle for 30 or 60 days if purchaser desires. For more particulars, address

E. H. Pugsley, Sales Manager, Kansas City, Mo.
Auctioneers: Colonel Fred Reppert and Colonel P. M. Gross

HEREFORD CATTLE

Western Kansas Bulls

40 Hereford Bulls
25 Shorthorn Bulls

These bulls are yearlings, big rugged, big boned bulls of splendid blood lines. Write for prices and descriptions.

C. G. COCHRAN & SONS, HAYS, KAN.

SHORTHORN CATTLE

Feed Shorthorn Steers

Shorthorns are rapid gainers; finish at heavy weights, and make big profits. For information address

American Shorthorn Breeders' Association
13 Dexter Park Avenue
Chicago, Ill.

Gerlach Bros., Alma, Kan.

Kansas Supreme by Standard Supreme in service. Dams by Chief Cumberland, Sultan Supreme, Proud Monarch, Cumberland Marshall, etc. Young bulls for sale. Visitors always welcome.

When writing advertisers mention this paper

HOLSTEIN CATTLE

Bonaccord Holsteins

are ALL purebred cattle. ALL the milkers have A. R. O. records. ALL have passed a clean T. B. test. ALL have good conformation and ALL are money makers at the prices asked. Federal accredited herd. LOUIS KOENIG, SOLOMON, KAN.

HOLSTEIN HERD AT PRIVATE SALE
We offer for sale our entire herd of 15 head registered Holstein cattle. Only the males sold separately.

WEED BROS., ATHOL, KANSAS.

Braeburn Holsteins

Get a bull to use for fall freshening. Or a bred cow, or heifer, while prices are low. Take pick of a dozen to make room, first come, best choice.

H. B. Cowles, 808 Kan. Ave., Topeka, Kan.

GUERNSEY CATTLE

One Reg. Guernsey Bull

and some high grade females at public sale August 19, 1922.

HENRY MURK, TONGANOXIE, KANSAS

GUERNSEYS Young registered Guernsey bull from A. R. dam, May Rose bred, \$75. C. F. Holmes, Overland Guernsey Farm, Overland Park, Kan.

RANSOM FARM GUERNSEYS

Bulls—Calves to serviceable age by 1919 world's grand champion out of record breaking dams. Ransom Farm, Homewood, Kansas

the abundance of feed and the scarcity of hogs to consume it he decided to call off his sale and hold onto his hogs and market the feed thru the hogs. Another factor caused Mr. Davidson to call off the sale. If he sold forty bred sows and gilts all at one time just now it would cut short the pig crop that he can care for and that would not be good business. However, rather than disappoint parties who planned to attend the sale and buy Mr. Davidson will sell some at private treaty. The sale was to have been held at Caldwell, Kan. Look up the display advertisements in the Kansas Farmer-Mail & Breeze issues of Aug. 5 and 12 and phone or write Mr. Davidson. You will note that a number of the females came from some of the best herds of the eastern states. When writing please mention Kansas Farmer-Mail & Breeze.—Advertisement.

Wagner Sells Durocs Aug. 29 at Mulvane
E. J. Wagner, Mulvane, Kan., sells Durocs August 29. He will sell 15 tried sows, 15 bred gilts, 10 open gilts, and 10 spring boars. The offering comes from a herd that he has developed from foundation stock bought from the very best herds of the country. See his advertisement that appears in this issue of the Kansas Farmer-Mail & Breeze. It is a type and well grown offering and the kind that has made money for Mr. Wagner. Here is your opportunity to get some good seed stock at a time when corn can be marketed at good figure thru feeding it to some good purebred hogs. Time is short. Write E. J. Wagner, Mulvane, for a catalog. Please mention Kansas Farmer-Mail & Breeze.—Advertisement.

J. W. Brauer—Governor Shoup Duroc Herd.

Compared with Kansas the Duroc breeders of Colorado are few but increasing very rapidly. Changing methods of farming—less grazing and more intensive farming and increased production of alfalfa and sweet clover as well as Sudan in the valleys are going to make ideal hog raising conditions in a great part of Colorado. J. W. Brauer who has raised purebred Durocs for years and present Governor Oliver H. Shoup have a big Duroc farm 7 miles southeast of Colorado Springs on the Pueblo road. Extensive improvements are now under way and as it now is, the herd is without doubt the best and most favorably known herd of Durocs in Colorado. From this herd have gone some of the foundation stock of Colorado, Wyoming and New Mexico's best herds and from it have come champions at western shows. The senior sire, Colo's Chief Sensation, has been three times first in class at the western National and was made junior champion over 87 contenders. Mr. Brauer states this boar has weighed 1018 pounds. Other sires are Animation by Colo's Chief Sensation out of a daughter of I Am a Pathfinder that Mr. Brauer sold for \$3000, the highest price ever received for a boar sold out of Colorado. Golden Chief, an illustrator and Pathfinder bred boar, and Gold Plan's Cherry King that is closely related to Jack's Orion King 2nd, 1917, world's junior champion and Golden Chief, an illustrator Pathfinder bred sire. Among the females is Jazz Baby by Great Orion Sensation, a good sow, too—Miss Orion's Model 8th by King's Orion Wonder and bred to Uneda Orion Sensation, 1921 Nebraska and Iowa grand champion and reserve champion at National Swine Show, and Queen of Pathmasters by Pathmaster and bred to Great Orion Sensation. There are a number of other top sows in the herd. This farm offers for sale some outstanding spring gilts and boars. Write, mentioning Kansas Farmer and Mail and Breeze, Address J. W. Brauer, Mgr., Brauer Purebred Duroc Co., Route 1, Colorado Springs, Colo.—Advertisement.

BY O. WAYNE DEVINE

Big Type Poles.

Ed Sheehy, the well known breeder of big type Poland China hogs at Hume, Mo., is offering some real bargains in sows and gilts bred for early September litters. Mr. Sheehy has been breeding Poland China hogs for fifteen years and has shipped breeding stock to more than a dozen states. He has the big smooth profitable kind that will make money for the farmer. Every hog in the herd is immune and satisfied. Guaranteed or your money refunded. The herd boars now used in the Sheehy herd are Clansman Jr. by the Clansman and Sheehy's Buster, a grandson of Liberator. Farmers or breeders wanting some new foundation stock can find them by writing Ed Sheehy at Hume, Mo. Kindly mention this paper. Advertisement.

BY S. T. MORSE

Ex-Governor Stubbs' Herefords at Auction

One of the best known herds of Hereford breeding cows in the entire Southwest will be dispersed at the W. R. Stubbs ranch near Hereford, Texas on Monday and Tuesday, September 11 and 12. This herd of 2800 head of cattle was started thirty-five years ago by Jeff Thompson in the use of registered Hereford cows and bulls. Nothing but the best females were used for replacement purposes, the balance finding their way into the feed lot to be converted into beef.

In later years Ex-Governor W. R. Stubbs, of Kansas, purchased the entire herd, continuing the policy adopted by Mr. Thompson. From the records made in both the show yard and the feed lot this herd has established the enviable reputation of becoming one of the most noted breeding plants in the great state of Texas. For many years the crop of bull calves has been returned to range for breeding purposes at prices from \$75.00 to \$150.00 per head. Registration papers have not been kept up and the cattle must be sold as non-registered purebreds. It is indeed too bad that conditions have made necessary the dispersal of this breeding herd in which he has taken so much pride. His loss will undoubtedly be other stockmen's gain.—Advertisement.

A new machine for reducing oil from shale rock is at work near Denver. The invention is a series of revolving retorts, heated by oil burners. The shale rock is dumped in the hopper and comes out at the rear of the machine as black dust made up of hydrocarbons of high commercial value.

AYRESHIRE CATTLE

Ayrshire Cows, Heifers, Bulls

Young cows in calf or with calf at foot, yearling heifers, bulls of serviceable age, calves both sex. High producing families. Tuberculin tested.

R. W. CUMMINS, PRESCOTT, KANSAS

LET'S GO!



The State Institution of Practical Education

The Kansas State Fair pleases more and more people from year to year as its attendance steadily increases. It is always good, this year it will be better.

Come and Stay Over Night

Ample accommodations provided. Great entertainment day and night. \$40,000.00 in Prizes. For information or Free Prize list address Secretary.

H. S. THOMPSON, President
A. L. SPONSER, Secretary

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Livestock, Land & Lot Specialist
16 years Pres. Largest Auction School
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My reputation is built upon the service you receive. Write, phone or wire.

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Manhattan, Kan. Livestock and Real Estate.

DAN O. CAIN, Beattie, Kan. Auctioneer
Write for open dates. Address as above.

HOMER BOLES, RANDOLPH, KANSAS
Purebred stock sales, land sales and big farm sales. Write or phone as above.

SHEEP AND GOATS

Shropshire Rams

Show rams by Imp. Butter 323 at \$35 to \$50. Field rams, yearlings \$20 to \$30; lambs \$20 and up. All by Butter 42 or Dolph 3360. All registered and papers go with them; all woolled from nose to toes and high class.

MAPLE HILL STOCK FARM
See our exhibit at the Kansas Free Fair
Clarence Lacey, R.R.3, Phone 260, Meriden, Kan.

REG. SHROPSHIRE SHEEP FOR SALE
A few choice ewes, also, one or two-year-old rams. Write me of your needs or come and make your own selections. Prices reasonable.

J. W. Alexander, Burlington, Kansas

REGISTERED SHROPSHIRE RAMS
For sale. Yearlings and two-year-olds.
W. M. Coffey, Oakland, Illinois

JERSEY CATTLE

YEARLING BULL CALF

Dam in Reg. Merit, granddam in Reg. Merit. Financial King. Good desirable calf. Yearling heifer, same breeding. Dams in Reg. Merit. Write for pedigrees and prices.

L. R. FANSLER, INDEPENDENCE, KAN.

HILLCROFT FARMS JERSEYS

Imported and Register of Merit Jerseys. Choice bull calves for sale. Also registered Durocs.

M. L. GOLLADAY, PROF., HOLDEN, MO.

High Class Registered Jersey Cows

Exceptional values, young cows 2 to 8 yrs. Some have large register of merit records. Others on test now. Many state Fair winners. Also some good young bulls 3 to 18 mos. old. Inspection invited.

R. A. GILLILAND, DENISON, KANSAS

BULLS OUT OF REGISTER OF MERIT
dams, for sale. Herd Federal accredited.
Sylvia Jersey Ranch, Sylvia, Kansas

RED POLLED CATTLE

Springdale Farm Red Polls

A nice lot of yearling bulls, sons of Duke of Springdale, he a son of Cream 22nd. Bull calves same breeding. Prices right. We also offer Choice Chester White spring boars and gilts.

W. E. ROSS & SON, SMITH CENTER, KAN.

Choice Red Polled Bulls and Females

All ages. From our accredited herd. Shipped on approval. Schwab & Son, Clay Center, Neb.

Pleasant View Stock Farm
Registered Red Polled cattle. For sale, a few choice young bulls, cows and heifers.
Halleran & 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.

Shorthorn Dispersion Sale

Having sold my farm I offer at auction my entire herd of registered Shorthorns. At the farm five miles southeast of

Scranton, Kan., Monday, Sept. 4

My pure Scotch herd bull, Sultan's Sentry, a splendid son of Beaver Creek Sultan goes in the sale.

16 cows with calves at side sired by Sultan's Sentry and rebred to him. Five cows to calve soon. Five two year old heifers that are bred. 14 yearling heifers sired by Sultan's Sentry.

A splendid offering of choicely bred Shorthorns, mostly of nice roan colors, and are heavy milkers. They are in splendid breeding condition and it is an outstanding opportunity to buy the best at auction.

For the sale catalog now ready to mail, address

V. A. Jasperson, Scranton, Kansas

Auctioneers: Homer Rule, M. C. Pollard, W. Q. Hyatt.

Note: Scranton is in Osage county on the main line of the Santa Fe about half way between Topeka and Osage City. You can leave Topeka for Scranton at 9:45 A. M., returning in the evening. Ask for the catalog today.

The Shorthorn Breeders of Kansas

L. M. NOFFSINGER, OSBORNE, KAN.
Elmdale Stock Farm. A few good bulls from 8 to 14 months. Reds and roans. The home of Fair Acres Choice, assisted by Marquis, a worthy son.

A Pioneer Shorthorn Herd
For sale. Bulls six to 12 months old sired by our herd bull, Rothnick Sultan. A strong herd of breeding cows. Come and see us near Osborne. Wm. Wales & Young, Osborne, Kan.

H. E. Huber, Meriden, Kan.
Young bulls by our herd bull, Imp. Imperator by King of Diamonds, dam Village Queen.

Cedar Heights Stock Farm
Two yearling bulls, pure Scotch. One lavender and one Bloom. Farm near Topeka on West 6th Street road. Address, H. T. FORBES, TOPEKA, KANSAS

COUNT VALENTINE 2nd 694458
First at Sedalia, second Topeka and Hutchinson 1921 shows. Sire of Honor Maid, undefeated champion heifer at same shows. A great bargain in this great sire. Sold fully guaranteed. H. H. Holmes, Topeka, Kan.

1886 Tomson Bros. 1922
A remarkable collection of breeding cows of approved blood lines noted for their uniform thick fleshing qualities. Some very choice young bulls. Tomson Bros., Wakarusa, Kan., or Dover, Kan.

Sunflower Shorthorns
Herd headed by Golden Laddie, son of Maxwellton Roseale. 10 bulls from six to 10 months old for sale. Pure Scotch and Scotch topped. Write for prices. J. A. PRINGLE, ESKRIDGE, KANSAS

S.B. Amcoats, Clay Center, Ks.
Very choice Scotch and Scotch topped bulls of serviceable ages. Also some females for sale.

Elmhurst Shorthorns
The herd carries the blood of bulls by Galant Knight, Lord Mayor, Collinette Hampton's Best and two grandsons of Avondale. 25 cows for sale. W. J. Sayre, Manhattan, Kan.

W. J. & O. B. Burtis
Farm four miles west of Manhattan on Golden Belt Highway and interurban line. We offer two young Scotch bulls, a few bred cows and heifers. Herd under Federal supervision. Visitors welcome.

Crystal Spring Farm Herd
Over 100 registered Shorthorns. Young cows and heifers for sale at attractive prices. Young bulls of Sultan and Villager breeding for our fall trade. Theo. Olson & Sons, Leonardville, Kansas

Bluemont Farm, Manhattan, Kan.
Farm joins Manhattan where visitors interested in Shorthorns are always welcome. Address as above.

HENRY B. BAYER, MANHATTAN, KAN.
Stonehaven Farm is three miles S. W. of town on main highway and interurban line. We can supply choice Scotch and Scotch topped bulls, cows and heifers.

W. H. Molyneux & Son, Palmer, Kan.
Rose Hill Stock Farm. Herd headed by Linwood Topsman. Bulls from 8 to 12 months old for sale. Also some cows and heifers.

DECATUR CO. BREEDERS' ASS'N

Harry M. Roberts, Selden, Kan.
Two bulls by Gainsford Marshall, one red, 13 months old. The other pure white, 17 months old. Outstanding young bulls. Address as above. 20 pure Scotch cattle.

Two Pure Scotch Bulls
Both roans, one a Cruickshank Violet and the other a Cruickshank Victoria. Nine and 11 months old. Splendid young bulls. WARNER J. MARVIN, Achilles, Kansas

Morton's Purebred Stock Farms
OBERLIN, KANSAS
Select Shorthorn cattle and Chester White hogs. Good breeding and good individuals is our aim. Inspection invited.

Victoria's Barnon 2nd
In service. One of Decatur county's young herds to which some real foundation cattle have been added. We also breed registered Duroc Jerseys. Address, VAVROCH BROS., OBERLIN, KAN.

MILLER BROS., DANBURY, NEB.
Village Knight 2d by Imported Lovely Knight, a pure white bull, heads our herd.

SHORTGRASS BREEDERS' ASS'N

A. SLAVEN & SONS, SELDEN, KAN.
50 head. Bargain in herd sire, weight 2200. Five yearling bulls.

A.B. Shoemaker & Sons, Lucerne, Ks.
Cows and heifers, bred or open. Bulls old enough for service.

L. A. Teel, Lucerne, Kan.
Herd headed by Meadow Goods, Bulls by him for sale.

A.C. Smith, Jennings, Ks.
Five bulls ready for service for sale. Reds.

Whitehall Sultan Shorthorns
Sensation and Pathfinder Duroc Jerseys. Glad to make you prices on either. T. F. STOUT & SONS, STUDLEY, KANSAS

SILVER SPRINGS STOCK FARM
For sale, Kirk Evergreen X 22488, Calved Dec. 1918. Sires 100 per cent polled. J. A. Miller, Quinter, Kan.

J. L. Mann, Quinter, Kan.
A nice roan yearling bull for sale by Snow King. Priced right.

White Herd Bull, Volumn 860124
For sale; 3 years; grandson of Villager. Guaranteed. Elmer S. Graham, Quinter, Kan.

R. W. DOLE, ALMENA, KAN.

50 head, mostly pure Scotch. In service, Roan Sultan, a magnificent White Hall Sultan bred bull. Annual sale in November.

A PURE SCOTCH HERD
Very choice young bulls ready for service this fall. A well bred herd properly cared for. Write for descriptions and prices. Address, Robt. Russell, Muscotah, Kansas.

Big Field Farm Shorthorns
An exclusive pure Scotch herd headed by Rosewood Pride. Two young bulls by him of extreme quality. Poland China bred sow sale Oct. 21. T. J. Dawe & Son, Troy, Kan.

INTRODUCING AN ALL SCOTCH HERD
headed by Lavender's Diamond by Diamond Emblem. Two very choice young bulls for sale ready for service. For descriptions and prices address, E. A. Myers, Troy, Kansas.

Scholz Bros., Huron, Kan.

Springdale Stock Farm herd headed by Imp. Rosewood Stamp. Bulls of serviceable ages by him and cows bred to him for sale.

Our Farm Near Lawrence
The home of good Shorthorns. Two bulls, 10 and 12 months old. When in Lawrence call at our office. HASFORD & ARNOLD, LAWRENCE, KAN.

WILDWOOD STOCK FARM
50 females. Herd headed by Armourdale and Fair Baron. Always something for sale. ASHER & ALLISON, LAWRENCE, KAN.

SALT CREEK VALLEY STOCK FARM
1876—THE CORYS—1922
Sires in service: Sultan's Champion 728280, Lavender Radium 1084541 and Sultan of Abilene 1064570. E. A. Cory & Sons, Talmo, Kan.

Young Bulls and Heifers
by Lord Albion. My farm joins town on the east and we want to show you our Shorthorns when you are in our vicinity. Address, E. A. Campbell, Wayne, Kansas.

QUALITY RATHER THAN NUMBERS
Always something to sell. We like to show our Shorthorns to interested parties and will be glad to hear from anyone needing stock. Address, E. B. Donham, Talmo, Kansas.

J. B. Sherwood, Talmo, Kan.

A Shorthorn herd in the making where individual merit counts for more than numbers. Come and see me.

Meall Bros., Cawker City, Ks.
New Buttergask Shorthorns. Headed by Lavender's Marshall 856495. Males and females for sale.

A. A. Tennyson, Lamar, Kan.

I have for sale six bulls, breeding ages, by my herd bull, Clara's Type. Also cows and heifers to reduce my herd. 100 head in herd.

C. W. Taylor, Abilene, Kan.

Shorthorns of approved type and breeding grown under favorable conditions for the Kansas farmer and breeder. A fine lot of young bulls and cows and heifers for sale. Address as above.

Brookdale Farm Herd Shorthorns

Gwendale, a double grandson of Avondale. Scotch and Scotch topped breeding cows. Excellent bull calves for sale later on. Big type Durocs, fashionably bred. R. C. Rhode Island Reds. A. J. Turinsky, Barnes, Kansas.

Sires That Have Improved Kansas Shorthorn Herds—4



COLLYNIE 135,022

In 1898 S. C. Hanna, Howard, Kansas, visited Scotland and secured a choice collection of females representing established strains of old country Shorthorn breeding and among the lot was a bull calf called Collynie that later became the chief stock sire in the Palo Duro herd. Collynie had scarcely reached maturity until he was leased for a season by Col. G. M. Casey owner of the Tebo Lawn herd, Clinton, Missouri. The leasing fee was \$1,000 which attracted much attention to Collynie and much criticism also, for the "experts" not being entirely pleased with the individuality of this bull regarded his use as a mistake.

Collynie was above average size and possessed great depth of middle to such an extent in fact that he was often designated as being "flat-ribbed." He had the characteristic droop at the tailhead like his sire, Scottish Archer, and he lacked possibly somewhat in showy style. But the breed is indebted to Collynie for a class of breeding matrons combining utility, quality of flesh covering, depth of body, and attractive conformation such as have come from few sires; real foundation material.

ALL CLASSES OF GOOD SHORTHORNS

Cows, heifers, bulls, young stock. Herd sire **Ream's Count 2nd** by Wooddale Stamp, grand champion and top bull at 1917 Central show and sale. Dr. W. C. Harkey, Lenexa, Kan.

Bluemont Auditor by Jealous Dale
and Secret's Lad head Neeland's Ranch Shorthorns. Offering well bred reg. Shorthorns and the finest kind of unreg. feeder Shorthorns developed thru 20 years' use of good reg. bulls. G. D. Hammond, St. John, Kan.

J.P. Ray & Sons' Herds in Kan. and Okla.
Headed by Cumberland Hero by Cumberland Diamond and Missie's Sultan 2d by Missie's Sultan. A lot of foundation dams were Collynie bred. Write Guy Delay, Mgr., Hooker, Okla., or J. P. Ray & Sons, Lewis, Kan.

A Large Well Bred Western Kansas Herd
Dams mostly by Avondale, Villager by Augustine and Whitehall Gloster by Fond Memory. Junior sires are Emblem Marshall by British Emblem and Medley by Maxwellton Wanderer. Offering cows, heifers, bulls and young stock. Robert J. Ackley, Garden City, Kan.

The Oldest Shorthorn Firm in Linn Co.
Dams mostly by Searchlight, Orange Lad, Orange Major and King's Choice. Herd sire, Vinewood Baron. Offering a number of nice bred heifers, yearlings, and calves. Priced to sell. Write A. M. Markley, Mound City, Kan.

Cumberland Diamond—Villager's Champion
These sires head the herd. Dams from popularly bred Scotch families as well as some from milking strains. Heifers, bulls, cows and young stock for sale. E. L. STUNKEL, PECK, KANSAS

Good Reliable Breeding Shorthorns
Imp. Kinchery Ensign at head of herd. Dams by Lavender Stamp out of popularly bred Scotch dams. A Lavender Stamp yearling bull and some Scotch topped females for sale. F. X. KELLY, GARDNER, KAN.

THE FO. NADATION KIND
Senior sire, Roseale Secret by a son of Whitehall Sultan. Junior sire, Roan Acres Sultan by 2nd Fair-acres Sultan. Dams, Dainty Dame, Wimple, Nonpareil, etc. Scotch and Scotch topped females and youngstock for sale. F. W. Wilson & Son, Wellsville, Kan.

VERY CHOICE SCOTCH SHORTHORNS
Herd sire is Brave Marshall, an outstanding son of Village Marshall. Herd is composed entirely of the most popular Scotch families. Write us your wants. G. F. KELLERMAN, MOUND CITY, KAN.

My Children Milk My Dairy Shorthorns
Three more heifers made Record of Merit this month. Nice lot of young bulls for sale. Write your wants or come and inspect my herd. (Federal tested.) J. W. HYDE, ALTOONA, KANSAS

Cedar Lawn Shorthorns
Scotch heifers open or bred, bulls of serviceable age. Herd Sires: Challenger's Knight, K. by Dale's Challenger by Double Dale and Hampton Primrose by Hampton Spray. H. I. GADDIS, McCUNE, KAN.

A POPULAR BRED HERD

Hampton Spray and Lavender Viscount cows and heifers bred to Fairacres Jr. by Fairacres Sultan Jr. and Villager bred serviceable aged bulls for sale. Good milking Shorthorns. Theo. Jagels, Hepler, Kan.

1894—Nevins Farms Shorthorns—1922
Females of best Scotch families. Young herd bulls by Golden Search by Searchlight, and Brave Sultan. Priced right. C. S. NEVINS & SONS, CHILES, KANSAS

R. M. Anderson, Beloit, Kan.

Milking Shorthorns, headed by Glenrose Lad 506412, the best Dairy Shorthorn bull in the west. Must sell him. Write for price.

Cloverleaf Herd of Shorthorns

A herd of pure Scotch Shorthorns headed by Baron Dale by Diamond Dale. Scotch cows and heifers for sale. Farm four miles west of Summerfield on the Nebraska-Kansas line. Write for prices and descriptions. G. F. HART, SUMMERFIELD, KANSAS.

Heavy Milkers of Beef Type

Practical farm Shorthorns, in fact, is our specialty. Young stock by Villager Magnet for sale. Fred Abildgaard & Sons, E. 6, Winfield, Kan.

Scotch and Scotch Topped Heifers and Bulls
Some by Gloster Cumberland, Rock Island, etc., out of Mar Beauty, Cruickshank Secret, Lavender, Ruby Lass, Orange Blossom, etc. dams. Write your wants. L. E. Wooderson, Route 6, Caldwell, Kansas

HEIFERS AND BULLS

By Imp. Bapton Dramatist, out of Scotch dams, a number of which are imported. Write or visit our herd. D. WOHLSCHEGEL & SONS, Harper, Kan.

FAVORITE BY SCOTCH CUMBERLAND

This sire heads our herd and gets good calves out of our herd cows. Write your needs for young Shorthorns. FRED MANNING, HARPER, KANSAS

A CHOICE HERD

Headed by Marshall Sunray by Marshall Crown. Dams include Campbell Blooms, Cruickshank Butterflies, Scotch and Scotch topped young stock for sale. C. H. WHITE, BURLINGTON, KANSAS

Emblem Jr., Noted Son

of Imp. British Emblem heads my Shorthorns. His choice sons and daughters now for sale. E. S. DALE, PROTECTION, KANSAS

FEDERAL ACCREDITED FOR 4 YEARS

Our Shorthorns are headed by Maxwellton Mandolin, by Revolution, and out of an Avondale dam. Most popular Scotch families. Bulls and heifers for sale. JOHN REGIER, WHITEWATER, KANSAS

Homer Creek Shorthorns

I now have a few Scotch and Scotch topped bull calves for sale. They are from six to ten months old and all sired by Scotch Lord. CLAUD LOVETT, NEAL, KANS.

Senior Sire Village Master

by Silver Knight out of a Lavender dam. Junior sire, Village Park Baron by (Imp.) Gainford Bothes Prince out of Acanthus dam. Serviceable aged bulls out of Violet dams for sale. W. H. Brookover, Eureka, Kan.

EDGEWATER FARM SHORTHORNS

Federal accredited; headed by Cumberland Cup. Dams by Matchless Dale, Villager, Beaver Creek Sultan, etc. Write us your wants. Ivy Allen & Sons, Burlington, Kan.

Lowmont Shorthorns—Federal Accredited

Herd bulls, Augusta's Archibald by Right Stamp, out of Imp. Brandby's Augusta 4th and Merry Omega by Anoka Omega. Young bulls for sale. Fall sale October 25. E. E. HEACOCK & SONS, Hartford, Kan.

Collynie Bred—Scotch and Scotch Topped

Herd sires, Kansas Prince, a line bred Collynie; Collynie Fairacres by Fairacres Jr., and out of 'mp. Mayflower dam; Usonia Choice Goods by a Choice Goods sire. Good bulls for sale. O. O. Massa & Sons, Coffeyville, Kan.

Knox Knoll Shorthorns

Senior sire Scotch Cumberland by Cumberland Type out of Burwood Royal. Junior sire Radium Stamp by Good Stamp on Marr Emma foundation. Lord Mayor and Knox Knoll Dale dams. S. M. Knox, Humboldt, Kan.

125 FEMALES OF BREEDING AGE

All bred last spring to Villager bulls. A tuberculin tested herd of Orangeblossoms, Victorias, etc. Scotch and Scotch topped. Nothing for sale now. WALTER WELCH, MACKSVILLE, KANSAS

MORE IMPORTED COWS

than in any other Shorthorn herd west of the Mississippi. Herd sires, Imp. Lechde Warrior and Imp. Majestic. Both bred by Durno. Young stock for sale. J. C. ROBISON, TOWANDA, KANSAS

LOOKY ACRES SULTAN

By Fairacres Sultan, heads my herd. Most of the dams are of Victoria foundation. Young stock by Looky Acres Sultan and Village Viscount, by Gregg's Villager. Write us. Fremont Leidy, Leon, Kansas.

BRITISH VILLAGER

by British Emblem and out of a Mysie dam, heads the herd. Dams mostly Orange Blossoms, Acantes, Proud Queens, etc. Nothing for sale; inspection invited. ASENDORF BROS., GARDEN PLAIN, KAN.

POLLED SHORTHORNS

Grassland Polled Shorthorns

Young bulls for sale of a very high quality. Also females, either cows or heifers. Inspection is invited. Address, ACHENBACH BROS., Washington, Kan.

200 REG. POLLED SHORTHORNS

One of Kansas' largest Shorthorn herds. Headed by four of the best bulls of the breed. All ages for sale. J. C. BANBURY & SONS, PRATT, KAN.

Sunnyridge Stock Farm

Bulls from 8 to 15 months old. Gloster's Leader, an international winner 1919, heads our herd. W. A. Prewett & Sons, Asherville, Kan.

POLLED SHORTHORNS

increasing in popularity. Cows, heifers, yearling bulls by Forest Sultan and Buttonwood Marshall. A large herd from which to make selections. C. M. Howard & Sons, Hammond, Kan.

T. M. WILLSON, LEBANON, KAN.

Sunnyslope Stock Farm. A bargain for someone in Cumberland Sultan, my three-year-old herd bull, to deliver about November 1.

PLEASANT DALE STOCK FARM

Just Polls headed by Pleasant Dale Sultan by Sunny Sultan. One yearling, one two-year-old, bull calves, cows and heifers for sale. Geo. A. Hammond, Smith Center, Kan.

D.S. SHEARD, ESBON, KAN.

Offering Prime Sultan, four years old, a son of Meadow Sultan, also a two-yr-old grandson and others.

What's New in Livestock

BY FIELDMEN AND REPORTERS

TWO carloads of condemned tubercular cattle were shipped from Cawker City recently by farmers in Jewell county who have been cleaning up their herds. Kyle D. Thompson, county agent, accompanied the shipment to Kansas City and brought back some specimens of tubercular lesions from cattle in the shipment.

To show that one cannot tell by looking at an animal whether or not it has tuberculosis Mr. Thompson cited the case of a cow belonging to Paul La Roque. The animal was in good flesh and apparently healthy in every respect. However, during the post mortem examination extensive tubercular lesions were found in every part of the carcass. A large open lesion, the size of a man's fist was found in the udder of a cow belonging to Henry Stober of Cawker City. Mr. Thompson says this cow undoubtedly was a bad spreader of the disease altho she showed no outward indication of being diseased.

Greenwood Farmers Organize

Farmers in Greenwood county are learning that it pays to patronize the Greenwood County Shipping Association. A Eureka speculator stopped at the home of a farmer near that place recently and after considerable bargaining bought a veal calf for \$12. The speculator then paid his \$1 membership fee and shipped the calf thru the association. After shipping expenses and membership fee were paid he had \$21.58 left, making him a net profit of \$9.58 on the calf.

F. J. Peters, county agent, says a cow shipped in the same load, which had been bought for \$60, brought \$76.05 on the Kansas City market. Another cow, bought for \$50, sold for \$68.90. Mr. Peters did not give out the names of farmers from whom these animals were bought but says they are on file in the manager's office for the reference of anyone who cares to see them.

What Pure Blood Can Do

Oakfield Lula, a purebred Aberdeen-Angus cow in the University of California herd, will be 14 years old next fall, and has contributed 11 calves to the herd of the Golden Gate institution. Of the four daughters, one died at birth, another was sold to a graduate of the University Farm school, who wished to establish a herd, and the other two are in the herd, and beginning to produce the same class.

In compiling the family victories that belong to Oakfield Lula, the University of California authorities state that her first three sons shown at the Chicago International Livestock Exposition won two breed championships, two championships by ages, and two reserve grand championships. These were U. C. Jock, U. C. Jock 3d, U. C. Jock 4th. U. C. Jock had been grand champion steer over all breeds, grades and crosses at the Panama Pacific International Exposition the year before he went to Chicago to win reserve grand championship of the world's greatest livestock show against his staminate.

U. C. Jock 3d made two trips to Chicago, being reserve champion Aberdeen-Angus steer of the show and reserve champion calf of the show in 1918, and coming back to the 1919 International accompanied by his "kid brother," U. C. Jock 4th, the pair standing champion and reserve champion Aberdeen-Angus steers. The older steer finished reserve champion steer of the show, and the calf was sent back home to be fitted for the 1920 shows. He was shipped to Portland for the Pacific International Show, where he won grand championship. U. C. Jock 5th, the last one shown, stood fourth at the 1921 International.

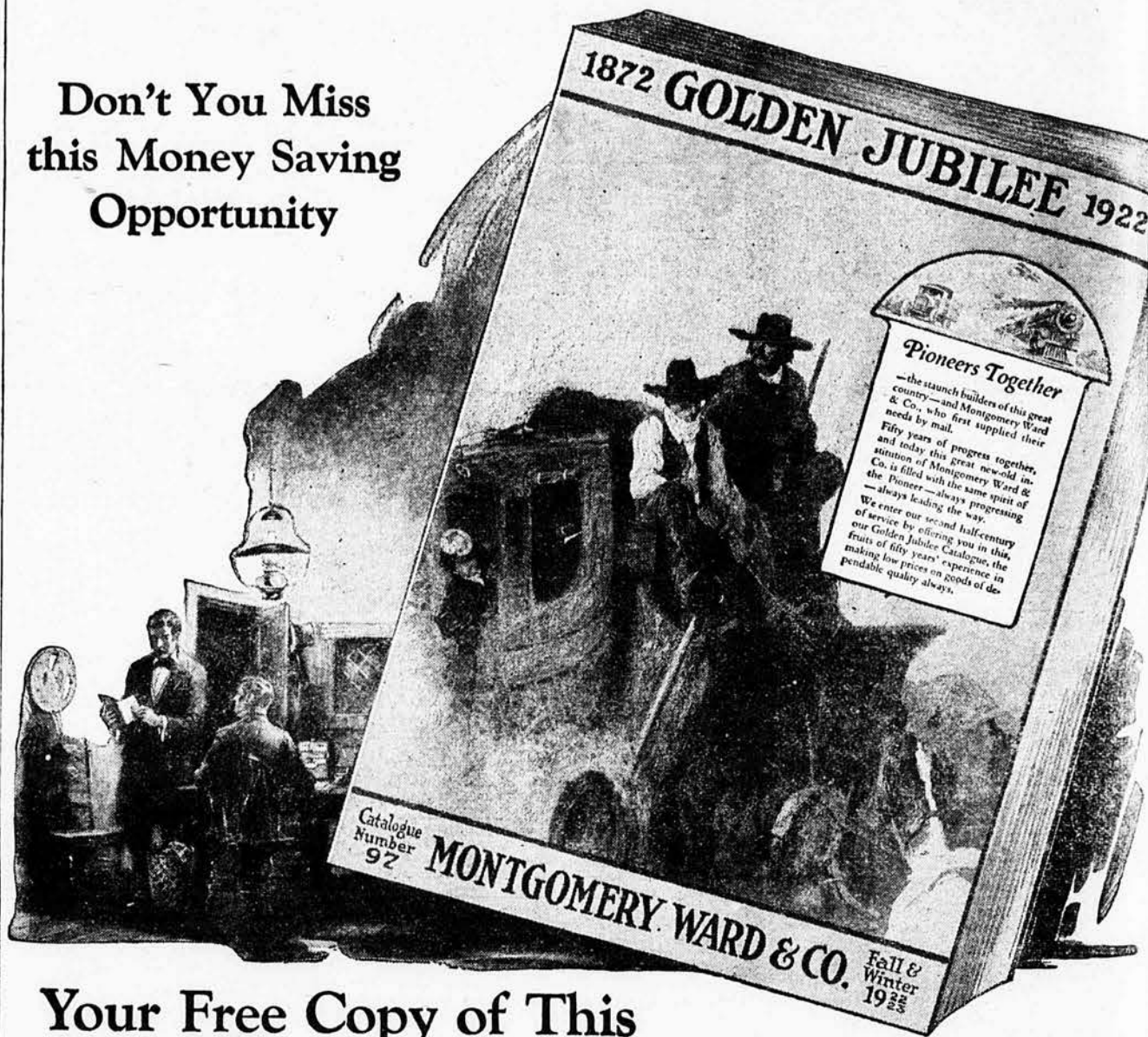
At the 1921 International, two of old Lula's grandchildren won greatest honors. These were Lula Mayflower, the blue-grey half Shorthorn heifer that was grand champion single animal of the entire show, and California Standard, grand champion Aberdeen-Angus steer and reserve champion calf of the entire show. The two were both from Lula of U. F. 3d. Another daughter of the old cow, Lula of U. F., provided the winner among the junior yearlings in California Bystander.

T. W. Morse.

Montgomery Ward & Co.

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