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# KANSAS FARMER AND MAIL & BREEZE

Volume 62

April 5, 1924

Number 14







## *Another Reason Why —*

### **The Buick Third Member**

Buick cars drive through a third member, not the springs. The springs only support the body and assure easy riding. A Buick rear spring accidentally broken cannot misalign the axle and prevent driving the car. The Buick axle remains in fixed position. Consequently the adjustment of Buick four-wheel brakes is not affected by the deflection of the springs.

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# KANSAS FARMER and MAIL & BREEZE

April 5, 1924

By *Arthur Capper*

Vol. 62 No. 14

## Wages War on Weeds and Wind

Summer Fallow and Tillage Methods That Control Soil Blowing and Reduce Hazards of Wheat Growing for G. A. Crist, Gove County Farmer

By J. C. Burleton

FROM 100 acres of Gove county wheat that had been planted on land fallowed during the summer of 1915, G. A. Crist and his son who lives 3 miles south of Quinter, harvested 40 to 45 bushels to the acre. The season before had been a wet one and the idle land soaked up abundant moisture to make the crop yield big. True, that was a good wheat year, but adjoining fields made only 25 and 26 bushels.

The land was plowed the last of May and the first of June. In the early part of August it was plowed again. The first working killed all the early weeds and the second eliminated those which came up afterward. By August the warm weather had discouraged weed seed germination. An occasional working with disk or harrow destroyed those which did appear.

### Must Kill the Weeds

Weed control is one of Crist's solutions to the diminishing returns from wheat. They rob soil of fertility and moisture which the wheat must have. "Weeds poison the coming wheat crop," said Crist. "Kill them and you will have no trouble in raising a crop under average conditions. Let them grow unchecked and you will get a satisfactory yield only in favorable seasons.

"Fallowing will increase the yield 50 per cent the first year, but early plowing and fallowing alone will do little good. Land is fallowed to give it a rest and enable it to store moisture. If the farmer permits it to grow up in weeds after plowing in spring, he defeats his purpose. Weeds will take more moisture than a crop of wheat and they will grow during summer when land that has produced a crop of wheat that year will be resting. To fallow without keeping the

weeds down is worse than raising a crop on the land.

"My nephew plowed a field during the first part of June one year. Forty acres of that field was planted without further work. The weeds had been allowed to grow unchecked. Another part of the field had been disked dur-

plows in spring and works it enough to keep the weeds in control. Crist has been fallowing the last 10 or 12 years.

Soil blowing is another problem which confronts Western Kansas farmers. Many of them refuse to practice fallowing because plowing

adopt cultural methods that would check the waste but they were not very effective.

"In 1914 my sons, Roy and Floyd, decided to try the lister. The fields were dry and the soil started blowing in February. The wheat was not very well rooted and a few weeks of strong wind would have destroyed the crop. They ran lister furrows every 30 feet. The dry weather continued and the wind kept blowing. The first furrows did not check the damage materially. They kept on listing until they had furrows every 10 feet by the opening of spring. Then rains came and that wheat made just 18 bushels an acre despite the furrows.

### Listing Lessens Blowing

"Now we practice a method of preparing land and seeding which prevents soil blowing. The wheat fields are listed east and west early in spring. This kills the first crop of weeds. Later in the season we throw the ridges down and kill more weeds. Then we seed the land diagonally across the direction of the lister furrows. Thus the wheat rows and the way the land is broken lessen the damage from wind."

Crist has 830 acres of wheat this year. His farm comprises 1,600 acres. All the listing, plowing and seedbed preparation is done with tractor driven implements.

"For many years I raised cattle," said Crist, "but because I am not living on the farm now, I am not in position to take care of them. I built two silos and found that they provided the safest way to maintain a herd. By growing feed crops and storing them in silos a man can carry cattle thru winter at little expense and they will be in good condition to make best use of grass in spring and summer."

## Dairying Leaping to the Top

BY J. H. FRANDSEN

KANSAS dairy products increased more than 500 per cent in the last 20 years. Within the past 10 years they have doubled in value, and in 1922 they had a value of \$27,270,528. Now Kansas ranks eleventh in butter production, twelfth in milk production, thirteenth in condensed milk production, and fifteenth in value of dairy cows. Dairying is one of the most basic industries of Kansas. In the past decade it has developed from a 17 to a 50 million dollar business. Kansas is the home of the second largest creamery in the world, and ranks far above the average of adjoining states in the production of all dairy products.

ing summer and the weeds killed. The wheat on that part made twice as much as that on the other. That shows what weeds will do. If they are permitted to grow until wheat seeding time they will use the moisture and quickly available plant food needed to start the wheat crop and enable it to survive the winter."

The condition of his land determines how frequently it shall be fallowed. If it is not weedy the second year after fallowing he seeds in stubble. If weeds are making a heavy growth he uses the disk. When the land becomes foul again he lets it lie idle over winter,

loosens the surface and permits it to blow. They plow only when forced to do so and then during summer after a crop has been harvested. Most of them prefer to drill in stubble because of the protection afforded. When weeds become troublesome they endeavor to control them as many years as possible with the disk.

"I have been in this region 38 years," said Crist, "and until lately we made little effort to control soil blowing. We used to sit around and watch the wind blow our crops out of the fields and take along a good portion of the fertile top soil. Of course we tried to

## Valley Point Tries Sweet Clover

By F. E. Charles

FOR 25 years the control of 40 acres of sand hill land was a perplexing problem for Tudor J. Charles, a Republic county, Kansas farmer. Part of his farm which is generally known in that part of the state as the Valley Point Stock Farm, lies along the Republican River where the soil is naturally fertile, having been bathed in flood waters during centuries past.

Unfortunately these same flood waters have carried out upon the land large quantities of sand which buried the richer soil, often to a depth of several feet. Mr. Charles has found, however, that the plant food is there beneath the layer of sand and within reach of the roots of growing crops. Furthermore this river bottom soil retains moisture longer than most soils.

### Corn Proved Unprofitable

Formerly the owner of the Valley Point Stock Farm planted corn on his sand land hoping against hope and trusting to luck that the season might be favorable until the corn got big enough to keep the sand from blowing. This hit or miss policy proved futile, for each year large patches of the corn were entirely blown out.

Hoping to find some crop adapted to the sand land, Mr. Charles tried Sudan grass. This was before Sudan became popular as a summer pasture crop in Kansas. It made excellent growth on the sand hills. It was not difficult to get started in the spring, required no further cultivation when sowed broadcast, and made two good

crops of hay during the season. The second crop usually was cut rather late in the fall. This practice, while yielding a double crop of hay defeated the primary purpose of growing the Sudan. It left the ground clean and bare after removing the second crop of hay so that thruout the winter and spring the winds whipped clouds of

sand off the fields worse even than when corn had been grown in them. To prevent this, heavy dressings of straw and manure were scattered upon the bare places in the fields. This helped to hold the loose soil until it was disked up in the spring, ready for the next crop. Then despite the top dressing the loose sand would blow.

## About Wheat and Bread Prices

THE notorious fact that deflation of wheat has been vastly greater than one authority estimating ten times as great, than that of bread gives some sort of credibility to the report of the People's Legislative Service of the existence of a "bread trust" that is "taking a million dollars a day from the public." What is known to all is that wheat has declined greatly in price, as well as flour, that wheat growers are in distress and that the flour milling industry for several years has experienced the worst depression in half a century, but that the price of bread remains high and the baking industry seems prosperous quite out of line with these basic industries. The report of this service, which was made to Senator LaFollette as the basis for a demand on his part for an investigation by Congress, is that one great baking concern in the last year declared a dividend of 117 per cent on its stock.

The peculiar discrepancy between wheat, flour and bread prices at least suggests an inquiry that may explain it and bring out the facts, and this would be a more useful undertaking by Congress than some of its investigations. There is a more or less prevalent belief that bakers have in some way worked themselves into a position of control which permits them to make the price of bread without much regard to wheat and flour prices.

It was then that Mr. Charles decided to try two new plans to control his sand hills. He planted 15 acres of Sweet clover on the worst of the sand land. It did fairly well the first year and made a heavy growth the second season. It reseeded itself and came up unusually good the third year. It was pastured continuously by a small herd of cows each summer but nevertheless made a heavy growth.

The rank stems of the Sweet clover remained on the field to prevent the soil from blowing. Since then not a single cloud of sand has moved away from this field of Sweet clover and more of it has been sowed.

### Constructs Temporary Straw Sheds

The second scheme which Mr. Charles carried out was to build temporary feedlots on the worst sand hills. The farm produces annually several hundred head of hogs and this plan worked admirably. It was a simple job to build temporary straw sheds and to erect a windmill equipped with an automatic starter and shutoff, and an automatic waterer for the hogs. These improvements are half a mile from the rest of the farm buildings and have therefore become a place for the larger hogs because they require little attention. The brood sows farrow in the hog barns handy to the farm home. At weaning time the pigs are taken to the feed lots on the sand hills where they have access to acres of timberland, Sudan grass and Sweet clover pasture, and plenty of corn, oats and tankage for their needs.



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 advertisement in Kansas Farmer and Mail and Breeze."

## Passing Comment—By T. A. McNeal

**I**N THE way of business development nothing so vast has occurred in recent years as the practical consolidation of 11 great electrical power companies with a combined capital of more than 300 million dollars. The purpose is to create a vast super-power trust with fully 2 million horsepower, supplied partly by water power and partly by the use of coal to cover a large part of the New England, Central and Southern states.

It will hook up the American power side of Niagara Falls, some of the principal water powers of New England and the great coal deposits of the South. In this connection it is worth while to note that what seems a permanent peace has been arrived at between the leading coal operators and the coal miners' unions, so that production can be assured.

If this peace agreement is on as firm a foundation as it seems to be, the country may be on the eve of a new vast period of business prosperity and wonderful development of industry, such as the world has never seen before. It means the electrification of all of the leading railroads of the country, the development of vast water power heretofore undeveloped, and new discoveries in science no doubt as astonishing and far-reaching in effect as any of the developments in electricity in the last 50 years.

### A Settlement Likely in Europe

**W**HILE business does not revive as rapidly as had been hoped, the tone is still rather optimistic. Ogden Armour, who has been over in Europe, brings back the report that our General Dawes is getting things straightened out and that the outlook for foreign trade is much better than last year. As Ogden is not much given to wild and unfounded guesses, this news is encouraging.

While conditions in Europe are far from settled, it seems to me that there is now a better prospect for permanent peace than at any time since the close of the war. I am happy to say that later developments tend to confirm that belief.

### Bonus Bill May Pass

**T**HE soldiers' bonus bill now before the Senate seems to have a fair show of passing with some amendments. Senator Smoot, who objects to the bill in the form it passed the lower house, is willing to support a bill which would give even more to the World War veterans than is proposed in the House measure but would protect borrowing on insurance policies. He believes that the result of this provision will be that the veterans will fall into the hands of loan sharks.

It does not seem to me that this objection has great weight. Undoubtedly that would result in some cases but it would be more than offset by the opportunity afforded to get small loans in emergency cases at small rates of interest. In other words, I believe the privilege of obtaining temporary loans would keep more of the ex-soldiers out of the hands of loan sharks than it would get in.

With this borrowing privilege the ex-soldiers could procure loans thru reputable banks when otherwise they probably could not.

### Morals Then and Now

**M**Y FRIEND, Ed Hoch, for whom I confess a great liking, still contends that men individually are more honest than they ever were before. Well, there is no way to definitely settle the controversy.

It seems to me to depend largely on how you define honesty. My opinion is that speaking generally, the human mind has not changed materially within the last 3,000 or 4,000 years either in capacity or basic integrity. That is to say, children born from 3,000 to 4,000 years ago or 500 years ago or a century ago, had the same natural tendencies and the same natural capacity as children born now.

Furthermore, I believe that the average child is honest up to the time when he realizes that there are things he wants and cannot obtain. The child spoiled by indulgence may be very selfish and in-

considerate of the rights of other people but is not dishonest. Why should it be? It gets everything it desires without the necessity for resorting to dishonest methods, but when the time comes that its desires are opposed and thwarted then this pampered spoiled child is more likely to become dishonest than the child which has been subjected to reasonable restraint, for to this spoiled child the paramount thing in life is to gratify its desires and if the child, when grown into manhood or womanhood cannot get what he or she wants

### The Capper Platform

**J**UST one kind of law for rich and poor. Substantially lower freight rates immediately.

Development of Great Lakes Waterways project at earliest moment.

Justice for all of our soldiers of all wars.

Laws to prevent price-gouging and profiteering.

Abolishing gambling in wheat, cotton, corn and all farm products.

Putting the Wall Street bucket shop and stock-jobbing crook out of business.

Practical and business-like co-operative marketing of farm products.

Credit facilities for agriculture equal to credit facilities of other lines of business.

Higher prices for farm products; or lower prices for the things farmers must buy.

More attention to diversified farming as a means of enabling farmers to solve their problems.

Putting burden of taxation on shoulders of those better able to bear it by abolishing the tax-exempt-bond privilege.

Lower taxes by eliminating waste, extravagance, graft, incompetence and all partisan favoritism from the public service.

Honest enforcement of prohibition as a means of making prohibition worldwide, thru proof of its benefits here.

A square deal for all, and special privileges to none.

by asking for it, they are likely to try to get it anyhow.

It seems to me that there are many more people who are careless about their financial and moral obligations than when I was a boy and I can only account for this on the theory that there are very many more things to tempt them to be dishonest than there were when I was a boy.

### How Standards Vary

**M**ORAL standards also vary from time to time. I located when I came to Kansas in a cattle country. It was generally supposed that the counties of Barber, Comanche, Clark and a large part of Southwest Kansas were only fit for grazing purposes. Well, so long as the cattlemen were undisturbed in their occupancy there seemed to be a rather high standard of personal integrity among them. Of course there was occasionally a cattle thief but he had no standing with the other cattle men and in fact was in constant danger of being lynched.

The average cattlemen prided himself on the fact that his word was good and that there was no need of binding him with a written agreement; he was supposed to do what he promised.

Then came the immigration of farmers and claim takers. Now no person was permitted according to law to preempt more than 160 acres; furthermore was not permitted to enter into any agreement to sell his claim; he must make oath that he had established a home on his claim and had lived on it continuously for six months.

A single quarter section was no good to a cattleman. He could not pasture more than eight to 10 cows on that much land. If he intended to continue in the cattle business he must somehow get hold of much more land than the law permitted him to take. So in direct violation of the law he hired

his cowboys to prove up claims for him, agreeing to pay \$50 to \$75 to the cowboy when the proof was made, the landoffice certificate issued, and a deed made by the cowboy.

The cowboy had to swear when he made proof that the claim was his home; that he had established a residence on it and had lived on it continuously for six months and that he had made no contract or agreement direct or indirect to sell or mortgage the same.

As a matter of fact he had not established a residence on the land; it was not his home and he had made an agreement to sell the same. In short he deliberately perjured himself.

He had to have two witnesses when he made this proof; frequently the man who hired him acted as one of his witnesses and also deliberately perjured himself.

Perjury became so common that it was no longer regarded as a crime. Men committed perjury without hesitation who would have been highly indignant if they had been told that they were dishonest men. They were not inherently dishonest, but they became dishonest because they were subjected to the temptation.

### Sitting Tight on the Fence

**A**WESTERN Kansas reader accuses me of being on the fence on the immigration question and rather peremptorily orders me to get off. I will admit frankly that his accusation is based on fact. I am on the fence. This is a case however where it would be much more comfortable to get off the fence and join the crowd clamoring for the closing of our doors against foreign immigrants especially against all immigration from Southern Europe. There are many more on that side of the fence than on the other or on top of the fence and it is easy to run with the crowd.

I am on the fence because I have not been able to determine in my own mind what ought to be done about foreign immigration. While I am naturally prejudiced in favor of people who speak the same language I speak, I am not convinced that they are inherently better nor more desirable citizens than people who speak some other language even if these other people live in Southern Europe. It is charged against these immigrants from Southern Europe that they flock together after they get here and do not learn our language or try to understand our form of government.

Now that seems to me to be the most natural thing in the world. If I should move to some foreign country I would in all probability hunt up a community of people, if I could find one, where my own language was spoken.

It does not seem to me that we have done much really to solve this immigration problem. I do not believe that we have really tried to get next to these immigrants and understand their viewpoint. I apprehend that if we really knew them we would discover that they are just folks like other people and for the most part pretty good folks at that.

### Send Foreigners to South America

**I**HAVE here a letter from Edward Lind of Athol, Kan., who, I presume, was foreign born but who has lived in this country a long time. It occurs to me that Mr. Lind has some sensible ideas; one is that it would be well to try to turn the stream of foreign emigration toward the Central American and South American states. He says they need these emigrants. He also suggests that Canada can use several million of them to advantage and Mexico several million more.

Here are some of the things he says they might accomplish in those countries:

"They will raise in the next generation, thousands of Abraham Lincolns, Fords, Edisons and Burbanks. They will terrace the hills for vineyards and orchards; they will build dams for irrigation and fine the roads with fruit and nut-bearing trees. Deserts will be sown to sweet clover and bromegrass and they will produce honey and dairy products by the train load. They will have



ness the streams and the tides of the oceans and use the power for factories and railroads. They will concentrate the power of the sun and melt snowdrifts and glaciers and turn the frozen North lands into fertile fields."

Now maybe all of Mr. Lind's dream will not come true, but it is certainly worth thinking about.

I have for a good while been of the opinion that our Nation could afford to establish immigration schools, where all immigrants speaking other than the English tongue would be placed as soon as they arrive in this country, taught the English language and given a practical education covering the eighth grade including a pretty thoro course in our system of government. I think these should also be trade schools, but in any event they should be conducted in a spirit of friendly helpfulness.

Under such a system I apprehend the immigrants from southern Europe would prove to be as desirable citizens as from Northern Europe.

## Transmitting Power Without Wires

**A** MOST startling theory has been advanced by a well known scientist. I am not enough of a scientist to understand it, but so far as I do understand it, he believes that it will be possible to transmit power unlimited distances along the surface of the earth, without wires or other physical and artificial means and with practically no loss of power, no matter how great the distance; for example, power generated at Niagara Falls might be transmitted to Central Kansas with a loss of only a fraction of 1 per cent loss. If this scientist is right, the ultimate results are simply incomprehensible to any ordinary mind. The necessity for the transportation of coal, fuel oil, or any other fuel used to generate power, heat and electricity would cease. All the vast water powers of the country could be harnessed and the full power of each transmitted without wires to any place needed, regardless of the remoteness of the place from the origin of the power.

There would be no further need to worry about the possibility of the exhaustion of the coal deposits, or the oil reservoirs, or the supply of gasoline. The water powers alone would furnish ample power for all purposes and present inaccessibility would be no barrier to its development. Factories no longer would be smoky for they would be operated by the same mysterious power. In short, it most certainly would revolutionize the industry of the world.

## Farmers' Service Corner

**R**EADERS of Kansas Farmer and Mail and Breeze are invited to ask questions on legal problems or on any other matter on which they desire information. This service is free. The tremendous demand for this service makes it impossible for us to print all of the answers, but every inquiry will be answered by mail.

### Colorado Land

Some time ago a young man wrote to the Service Corner asking if there was any more homestead land in Eastern Colorado. He did not sign

his full name so I have no way of writing him. If he should by chance see this and is still interested in Eastern Colorado land will say that we have 320 acres of nice, smooth land that could be had out there. Can farm almost every foot of it and give good title. He might profit by writing to Troy, Kan., R. 1, Box 96.

### Breaking a Will

**A**, the husband, living in Iowa, lost his wife, B. B had inherited some estate. The rest of the property they held together. It was all controlled by A. He married again and all the property was willed to C. They had no children. He died in 1918 without willing B's two children anything. Can they break the will?

I do not know. If their mother had any separate estate and died without will, under the laws

## Truthful James is Here!

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

of Iowa one-third of her estate would go to her husband and the other would go to her children. If she did not have a separate estate, however, in other words if it was all merged in her husband's estate, he had a right to will it to anyone he preferred and that will could be broken only in event it could be proved that he was not competent to make a will at the time it was made or that he was unduly influenced in making such will.

### Wants a Divorce

Can I obtain a divorce and at the same time live in a house with my husband? How long do I have to wait to obtain one? My husband complains about not wanting me to go anywhere and when I want to go with him he will not go, and if I go I have to take all the children and he goes some other place. I watched him and caught him flirting with another girl. Do I have to have money to start with? If so, how much? What can I do with a man for telling my husband about this flirt and getting him started to going there? Do I have to get witnesses to go with me to start proceedings and if so how many?

MRS. M. I.

If you are going to start divorce proceedings it will be necessary for you to consult a lawyer. He will tell you whether you have sufficient ground on which to base divorce proceedings and also how long it will take to obtain it. You might live in the house with your husband and obtain a divorce but, speaking generally, you could not obtain a divorce and during the pendency of the suit continue to live with him in the relation of husband and wife.

### Concerning Mortgaged Property

**A** owns a piece of land mortgaged to B. He gets another loan from D thru C who is D's agent.

C is to pay off the loan to B but instead paid A the difference and left the country with B's money. So B is wanting his money. Can A hold D responsible for the money? Could he sue D and get damages if B forecloses? C and D were partners shortly after A started to get the loan. A has been paying interest on the loan to B. What can he do or how should he proceed?

S. K. F.

If it can be established that C was D's agent D could be held responsible for C's default. Or if it can be proved that at the time of this transaction C and D were partners D would be responsible as a member of the firm for the default of his partner. If these facts can be established A should bring suit against D and against C if he can find out where he is.

### Can Transfer Car Number

**A** is the owner of a Ford car. His engine block freezes and bursts beyond repair. He then buys an engine block of B from a junked car. Must he buy a new license or simply have this engine block number changed?

E. T. L.

I am of the opinion that he would have a right to erase the number on this block which he has purchased from a junked car and change to the same number as he had on his own car and I am of the opinion it would not be necessary for him to get a new license. However, in order to save any question about it he probably had better take the matter up with the secretary of state and get his permission to make the change.

### Deposits in Bank

Is there any way in which I can deposit money in a bank so that it is mine as long as I live but at my death no one can get it except my boy?

A. M.

There is only one way in which you could assure yourself that your son would get this money and that would be to make a will willing to him all your property, personal and real, or willing to him any particular property. In other words, you might make a will providing that any money you might have on deposit at the time of your death should be turned over to him. This would give you the entire right to check on your bank deposit so long as you lived and whatever amount of money you might have on deposit at your death would then go to your son.

### Concerning Hedge Fences

**A** and B own adjoining farms of 160 acres. A has allowed his 80 rods of hedge fence to grow for about 35 years for hedge posts and at present it stands about 35 feet high. Can B compel A to cut or remove this hedge as no crops can develop within 3 or 4 rods of the hedge? What can B do by law if anything to compel A to cut or remove this hedge and how shall he proceed?

W. F.

I cannot tell from this question whether this hedge fence is a lawful fence or not. A hedge fence is only a lawful fence in case it has been so voted by a majority of the legal voters of the county. If this is a hedge law county this is a legal fence. Otherwise it is not.

If it is not a legal fence B can compel A to build a lawful fence on the division line and that would mean in effect that the hedge would be removed. But if this hedge is merely a private hedge grown on the land of A it is his property and he has a right to allow the hedge to grow to any height he may see fit and there is no fact that B is incidentally damaged would not in my judgment give him a right to compel A to cut down his hedge.

# Clean Up, But Don't Stop Everything Else

**I**T IS a question which is the greater menace to decency and order in government—the official who gets a loan in a satchel, or the political scandal-monger who wastes the public's time and substance by attempting to capitalize the black betrayal of a public trust.

The scandal investigations must be gone thru with. They must continue relentlessly to the end. But these are matters for the investigating committees and need not demand the entire time and attention of a Congress to which the country must look for relief from extremely oppressive conditions.

If the Washington scandals are permitted to degenerate into the manufacture of campaign medicine, merely to supply political hokum for a campaign year—then the cause of justice, the public business and the public confidence will suffer, and the reaction won't be what the political gamblers hope for. Not at all.

### President's Urgent Message Unheeded

Income taxpaying time has come and gone—and the President's urgent message that a 25 per cent reduction in income taxes for the current year be authorized is disregarded. Surely, Congress might have paused in its rascal-chase long enough to give the people this relief which everybody agrees is their due.

Criticism of Congress grows. That is not a new experience. Since the first Continental Congress, the law-making branch of the Government has been under an intermittent fire of criticism. This criticism has ranged and now ranges all the way from intelligent and helpful constructive suggestion down to ordinary scolding, petty partisanship, fault-finding and the cheap gibes of joke-smiths. Congress expects criticism and has become callous to it.

Such of the present criticism as is simply the

usual and inevitable and indiscriminate fault-finding, Congress may disregard. But Congress cannot afford to turn a deaf ear to the growing public dissatisfaction with its inaction in respect to issues vital to the country. Nor can Congress afford to disregard the waxing distrust of its motives that makes itself manifest on every hand.

Even under a "full head of steam," Congress is slow-moving. It was intended to be deliberate, from the first. One of the eminent architects of our system of government—illustrating his explanation of it by pouring tea from a cup to its saucer to cool—said that the purpose of a two-house legislature was to "let legislation cool." Yet the founders of the Government did not intend that Congress should become a refrigerator in which action should be frozen, stiff and stark.

### Why Delays Often Occur

Let me say this in extenuation of some of the delay. As representative of wide and not infrequently conflicting interests, Congress, before it can act, must go thru certain ironing-out processes to harmonize these clashes of interest. This takes time. Then its action is further retarded by its rules. Everyone will admit that rules are necessary for orderly action. Without them assemblies are but pits of bedlam—disorganized and unruly, "full of sound and fury," getting nowhere. These rules, necessary as some of them are and hoary with age, hold back, until sometimes it seems that a glacier which moves a few inches a century, is rapid transit compared with Congress.

The people want the Government purged. They want the unfaithful public servant unmasked. They want the traitor punished. They want the clutch of the invisible government of special privilege loosened from the throat of this people's government. They want no more black satchels in government.

The people heartily approve all sincere efforts to clean up such dirt. They have only condemnation for attempts to stifle such inquiries. But if these investigations are to degenerate merely into political guerilla warfare, their disgust will be both righteous and extreme.

A few crooks get into public office. That is tragic fact. But I am convinced that by far the large majority of men in Congress and other positions of trust and responsibility in government, are square and sincere in their desire to serve the people's best interests. We have the best and the cleanest government in the world and we are going to keep it the cleanest, be assured of that.

The crook—the unfaithful servant that brings unjust reproach on the entire public service—must be hunted down and cast out. That is imperative. All the "black satchels" must be opened up, their contents inventoried, and the public domain that was bartered away for paltry dollars must be reclaimed. There should be no casing up in that task, nothing covered up. No guilty man should escape.

### Congress Must Transact Business

However, Congress must also get down to work and transact the business expected of it. This need not interfere with a thoro extirpation of the graft cancer, if no time is squandered in partisan trivialities and a political exploitation of these investigations.

The public may safely be left to draw its own conclusions. It will do that in any case. Congress has work to do. The public business must not suffer and it need not suffer because of these investigations and the necessity for seeing them thru to a conclusive finish.

Arthur Capper.

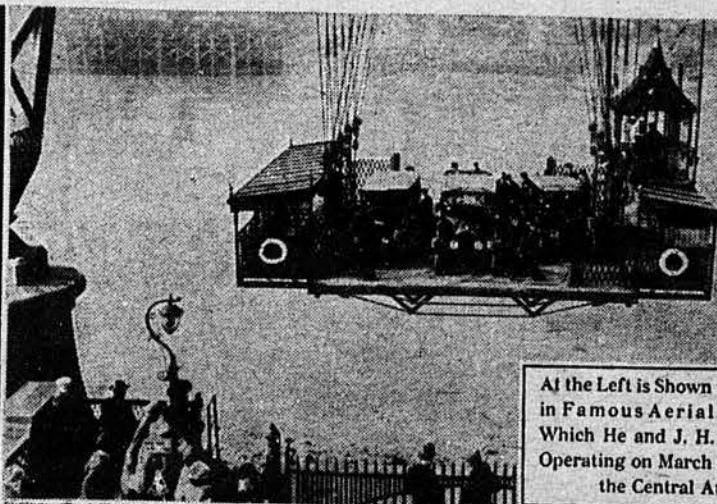
Washington, D. C.



# News of the World in Pictures



Miss Emily Smith, Daughter of Governor Smith, As a Spanish Beauty, in a Dress Ball



At the Left is Shown the Duke of York in Famous Aerial Ferry in Wales, Which He and J. H. Thomas Started Operating on March 8; the Duke is in the Central Automobile



Seated Are, J. W. Zevely, Martin W. Littleton, Harry F. Sinclair, Paul D. Cravath; Standing Are, W. L. Connelly, Albert Watts, G. T. Sanford, Representing Sinclair Interests in the Teapot Dome Suit



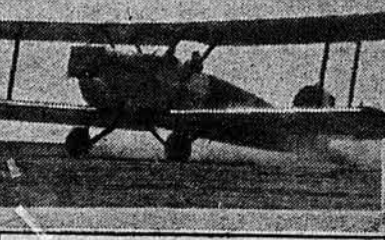
Ten Thousand Persons Crowd Harvard Yard to Greet Dr. Charles William Eliot, President Emeritus, on His 90th Birthday and Give Institution \$250,000

Prince Gohoe Gobar of Calcutta, Hindu Millionaire Prince, Was Recently Knocked Out by Zbyszko at New York City in 30 Minutes

This is a Recent View of the Nichols Gymnasium at the Kansas State Agricultural College in Manhattan, Kan.



The Great Altar in St. Peter's Where the American Archbishops Were Publicly Invested With the Cardinal Robe and Hat



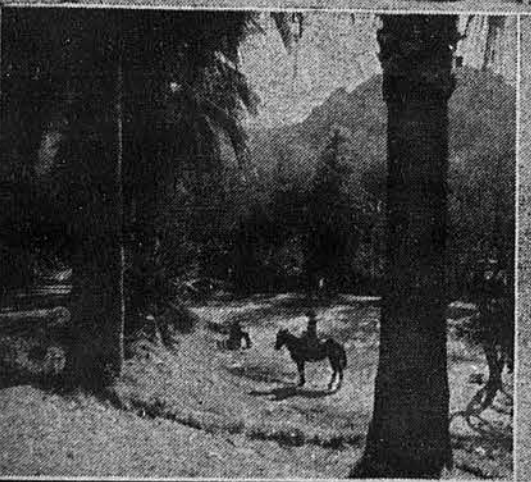
The Start of the U. S. Army Flight by the Douglas Cruiser From Santa Monica, Calif., Around the World, Piloted by Major F. L. Martin



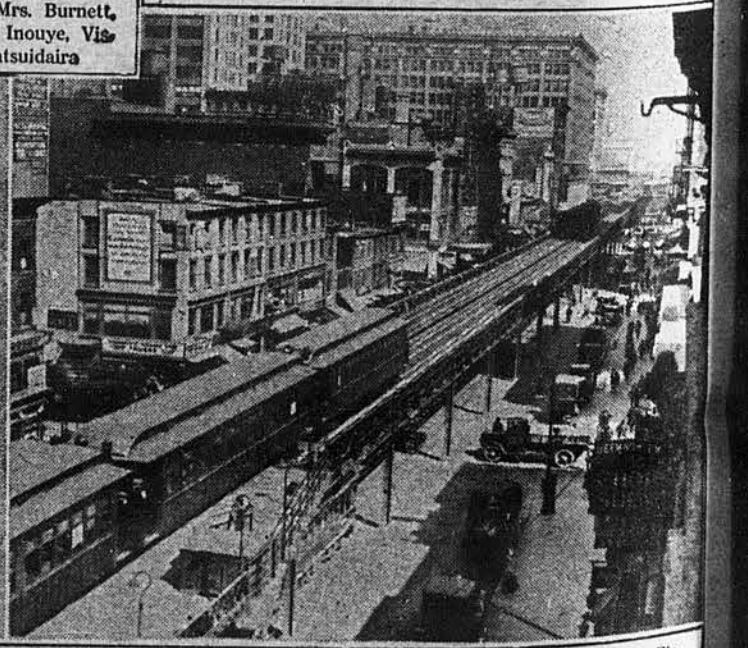
Triune Ormsby Piebe 4th, Junior Champion Holstein Bull, Southwestern American Livestock Show at Oklahoma City, Owned by A. J. King of Kansas City, Mo.



At Left, Japanese Tea Party in Tokio for Mrs. Theodore Roosevelt; Front Row—Left to Right, Mrs. Castle, Baroness Matsui, Mrs. Roosevelt, Princess Fushimi, Mrs. Burnett, Marchioness Inouye, Viscountess Matsuidaira



In This Picture is Shown a Recent View of Castle Hot Springs, One of Arizona's Interesting Scenic Spots



William Jennings Bryan, and Ex-Governor James M. Cox of Ohio, Former Democratic Presidential Nominees, Photographed Together at Miami, Fla.

New View of the Sixth Avenue Elevated Railroad Structure in New York City Looking North From 29th Street; This is to be Replaced Soon With a New Sixth Avenue Subway



## Profits From Pig Pasture

**P**RODUCTION of 200-pound pigs when 7 months old is possible in Western Kansas despite the general impression that Providence designed the country for wheat and wheat alone. Two fellows, born and reared to right manhood in Trego county, can't remember when there were no hogs on the place. Pork production has paid for many years and that is why F. R. Burnham and R. F. Burnham, who live 5 miles northwest of Wakeeney, are continuing, on seven quarters of land, a hog business established by their father.

Last year they produced 111 pigs from 11 sows. By early in November their April pigs had grown into 200 pound hogs on pasture and home grown grains. They don't need to depend on corn as a fattening ration. Barley and grain sorghums are effective substitutes. But when these fail, they merely sell the pigs as stockers or feeders.

Pasture is the basis of their pork production. A tract of 22 acres on the creek is worked over-time in grazing hogs and it is getting richer every year. Barley and oats provide early spring pasture and Sudan grass fills in the rest of the season. The Burnhams like Sudan for pasture better than any other crop.

Last summer they had a good corn crop, but they also produced 3,000 bushels of barley. Kafir is usually fed unless the price is attractive and then it is turned into cash.

## Walnut Logs From Kansas

A new line of commerce for Kansas was recently opened up when representatives of a firm handling hardwood lumber began shipping walnut logs by the carload from Harvey county to factories in Michigan where they will be made into furniture. The price paid was from \$25 to \$85 a thousand feet, according to the thickness of the logs, and in some cases a single tree brought the owner as much as \$100. Even the stumps were removed as they make the best quality of curly veneer.

## Away With Pocket Gophers

BY SAM PICKARD

**T**HE pocket gopher is credited with destroying annually 2½ million dollars' worth of forage in Kansas. Alfalfa acreage has decreased 30 per cent within the last four years. The gopher is held responsible for at least half of this reduction. Gopher infestation thruout the state is the worst in history. The present gopher population will be trebled before hay cutting time if the fields are not trapped or poisoned this spring.

The pocket gopher, because of its wide spread distribution over the state and the extent of injury it causes to alfalfa stands, pastures and meadows, is without doubt the most destructive rodent pest in

## Stabilizing Land Values

**T**O THE average person much of the joy of living is lost by reason of uncertainties. Fluctuations in values are one of these. Real estate prices are not excepted from the list. Wide fluctuations, both generally and locally, have been no small factor in the recent upsetting of agriculture.

In certain cities a most unique plan is now being tried. Men qualified and interested in real estate from its various angles are called upon to appraise the value of certain parcels of real estate in each of the important sections of a city. These appraisals are then published for the benefit of all.

Would it not be helpful to agriculture to have similar appraisals made of typical farms in various parts of a county? Owners, buyers, sellers, tenants, landlords, and those striving to learn what it costs to grow potatoes or any other crop would have a very definite interest.

Would not such an appraisal also aid in stabilizing land values and, by avoiding the wide fluctuations of prices in transfers thru such a standard, discourage frenzied land speculation?

Kansas. From all appearances it is increasing in number especially in the alfalfa growing districts of Central and Eastern Kansas.

Here and there in almost any community one can find a farmer who keeps the gophers under control, but unless his neighbors do likewise it is only thru constant vigilance and watchfulness that the more thrifty farmer can protect his crops. His success, however, proves that it is practicable and possible to eliminate the pest. Concerted effort by all concerned is the keynote to success.

One gopher will throw up 200 to 300 or even more mounds in the course of a single season. Thus in badly infested fields there may be 1,500

to 2,500 or more mounds an acre. These mounds may represent from 5 to 10 and even as much as 25 per cent of the total field area. Unless the late fall and winter mounds are leveled before the subsequent growing season, the mounds, packed down by heavy spring rains, will smother most of the plants covered by them and thin out the stand in direct proportion. The fall-spots caused by unleveled mounds serve as seedbeds for obnoxious weeds and grasses.

If these mounds are leveled before plant growth begins the danger from smothering of stand will be eliminated. Leveling also will place the field in condition so as not to be permanently bumpy.

If left uncontrolled the gophers will treble in number before time for cutting the first crop of

## Good Morning, Everybody



alfalfa. That would mean a great handicap in cutting and handling the crop in addition to reduction in yield. The quickest, and cheapest method of eradicating the gopher is by poisoning. One man can treat 20 to 40 acres a day with only a small cost for bait material. If the mounds have been leveled it is a simple matter to locate each gopher system by the line up of new mounds thrown up. Locate the newest mound in each system and find the runway by means of a prod.

During spring work the mounds are as a rule thrown out in fan or crescent shape and outward from the opening of the lateral burrow. The opening is plugged and the key to locating the runway is to judge the direction of the lateral and where it joins the main tunnel. Thus, one should probe in front of and not around the outside of the fan shaped mound. The bait dropped into the opening made by probe should be quite liberal in quantity so as to be noticeable. A scant tablespoon of poisoned grain or three to four pieces of poisoned vegetables are recommended as effective doses.

The holes should be closed by a clod or tuft of grass to shut out light. By using bait of effective strength and treating each system carefully it should be possible to kill 90 per cent or better in the first treatment. The Department of Zoology of the Kansas State Agricultural College at Manhattan, Kan., will furnish strychnine treated oats in quantities desired for this purpose.

## Co-operation in Buying Potatoes

**T**HE Hutchinson Truck Growers' Association will purchase two cars of seed potatoes co-operatively this spring, according to the decision of the members at a recent meeting. The association will be handled as a division of the Reno County Farm Bureau. Practically all of the members have subscribed to membership in the Farm Bureau.

## Had His Fill of Milking

**W**HEN Fred King was a little fellow he came to America with his parents from Austria. It seemed to Fred when he became a man that he must have grown up with a cow's teat in each hand. His job was milking and he did not like it. On the day of his wedding, 18 years ago, he declared to his mother a state of absolute independence from milk cows and all their works.

After two years of wheat growing in Ellis county, Fred decided that independence might not be so blissful as he had thought. He still disliked the idea of milking, but wheat was not bringing in the returns he needed.

"If it hadn't been for the cows, I do not know how we would have pulled thru," said King one day last fall. "They have made our living—bought groceries, clothes, binder twine and paid repair bills. I have been married 18 years and do not believe I have paid out \$500 in cash for groceries in the whole time."

"I breed the cows to freshen in fall so that

I will have something to do in winter when the wheat is growing or freezing out. They provide mighty profitable employment for a man in winter."

King has 20 head of milking cattle. They graze wheat pasture in fall and spring if conditions are favorable. They are fed such roughages and grain as he can produce on the farm.

"We make 25 to 30 pounds of butter a week and sell it in town," said King. "Customers pay us 50 cents a pound the year around. That proved a mighty big help last spring when the wheat crop failed and we had nothing to sell except the butter and eggs."

King grows 500 to 600 acres of wheat a year. He has in 575 acres this year, part on his own section and part on a half section that he rents. He devotes about 40 acres to rough feed crops. Last fall he reserved more than 100 acres for barley this spring.

"We usually get a fair corn crop in this section, especially when it is planted every other row," said King. "In 1921 my brothers planted their corn in rows the normal distance apart. They got 10 to 12 bushels to the acre. Right by the side of their field I planted every other row and got 40 bushels to the acre."

King has a flock of 250 chickens. Last year he hatched 700 and sold most of them as fryers and broilers.

## To Replenish the Quail Flocks

**T**EN thousand quails are to be shipped to the Kansas State Game Preserve at Pratt, to be distributed over the state this spring, according to J. B. Doze, state game warden. The only charge made for the birds, Mr. Doze says, will be the cost of transportation.

## A Tractor Saves Labor

**F**ARMERS must reduce their hired labor bill to the minimum. That is what J. E. Hanigan, Labette county, is telling his neighbors. And he is practicing that preaching. He and his boy are operating 480 acres and with a tractor they find very little hired labor necessary.

"I have 190 acres of wheat which my son and I put in without help except one man who worked 10 days," said Hanigan. "I am expecting to cut that crop myself. But I could not do it without a tractor. I will hook two binders behind it and save the expense of several men."

"I have 20 acres which I am manuring this winter. That will be plowed in two days with the tractor and put in corn. I have 40 acres fenced hog tight. On this field, hogs harvest the corn, and not only save me the labor and expense of doing it but actually pay me a profit for the privilege."

## And Broomcorn Paid Well

**A**LTHO land in Stevens county is worth only from \$15 to \$20 an acre, numerous farmers there last year realized an average of \$50 an acre from broomcorn, a crop which was marketed late in the fall.

C. S. Skelton, who lives a mile north and a mile west of Hugoton, produced 188 bales of broomcorn on 100 acres, and it averaged him \$50

## Irrigates the Garden

**A**N OVER-head irrigation system for an acre truck patch has paid Fred Kinsey, just south of Montrose in Jewell county. A gasoline engine at the well forces water directly into pipes which provide the artificial rain. Kinsey's vegetables thrive despite drouth and hot weather. When neighbors' radishes grow pithy and their lettuce becomes bitter, when their bean blossoms wither and fall from the stalk, when their tomatoes fold their leaves for lack of moisture, Kinsey's grow lush and green and tender.

Three years ago his two daughters were in the local garden club. They preempted dad's irrigated acre. When frost finally laid the garden waste they had a net profit of \$600. Last year Kinsey cleared only \$100 from the acre, but that was because he did not give it as much attention as it needed. He is operating 75 acres and the oats, kafir and wheat demanded too much attention. Then he had built two poultry houses which neighbors liked and they kept him rather busy building chicken houses for them.

an acre. A. C. Willis had 130 acres of broomcorn in Southern Stevens county, producing 240 bales which sold for \$165 a ton. The crop brought him approximately \$6,600 or about \$50 an acre for the land it grew on. D. C. Rane, who lives in the south part of the county, had 72 bales of corn which he sold at \$160 a ton, making \$50 to the acre. M. W. Renfro, northwest of Hugoton, had 70 acres of broomcorn which brought him \$3,962. His expenses were \$1,200, leaving him a handsome profit. Ray Fulk, who lives north of Hugoton, realized \$50 an acre from his broomcorn. What these few farmers have done is not unlike the experiences of scores of others in a dozen or more southwestern Kansas counties.



# New Jobs For Farm Equipment

By Frank A. Meckel and M. N. Beeler

**C**OMBINING the operations of gathering and baling alfalfa hay into just one operation is a short-cut which is paying dividends to John Linn of Riley county.

Linn cuts the alfalfa and then rakes it into windrows with a Fordson tractor and a side delivery rake. Then he hitches the tractor to a portable baler which has a hay loader drawn beside it. The loader gathers the alfalfa out of the windrow and a metal chute or spout carries it from the loader into the baler. The outfit is operated by three men, one on the tractor, one who feeds hay into the baler and the third ties the wire.

Storage space is cut down materially when the hay is baled and the quality and color of the alfalfa is better maintained in the bale than in bulk. There is less danger of weather damage, for the bales can be quickly gathered on a wagon and hauled to shelter. The tractor furnishes most of the power on the Linn farm, and Mr. Linn is planning the purchase of a second tractor this year which will entirely replace animal power on his dairy farm.

## Double Duty for Combine

**O**UT in Greeley county, Antone Nelson makes his combine do double duty. He fastened a hopper made of galvanized iron over the grain wheel, which on this machine is attached back of the inner half of the platform. He extended a chute of sheet metal from the hopper to the platform, and then hitched a header so that its elevator emptied into the hopper. Thus the combine threshed the grain from two swaths.

When Simon Fishman, local farmer, suggested that Nelson might try his hand at harvesting flaxseed with the combine, Nelson spent half a day in adjusting his machine and did a job of threshing that saved about half the usual loss of seed.

## Keeps Silage Cutter Busy

**W**HY should a farmer shelter a silage cutter a year just for a few days of use when he can keep it profitably employed all the time? W. E. Mead, Plainville, doesn't. When the silo is filled, he hauls the cutter around to the end of his barn, runs the blower thru a hole in the gable and fills the mow with chopped dry roughage for his dairy cows. The mow is not very big and the cows have good appetites so that in a short time the chopped feed must be replenished. Mead lives just at the edge of town and electric power is available. A motor drives the cutter.

Fall harvested cane, Sudan grass and grain sorghums are stacked beside the barnlot fence. This is hauled to the cutter as needed and rendered more palatable to the hungry cows.

## Plenty for Tractor to Do

**L**AST year Webster Ellis of Lycan, Colo., bought a 16-30 tractor because he had a lot of work to be done in a hurry. With this tractor and an eight-disk plow he turned over 900 acres of sod and 220 acres of fallow land in 73 days at a cost of 42 cents an acre for fuel and oil.

He then hitched to a 9-foot disk harrow and a 10-foot seed drill, and seeded 900 acres of wheat at a cost of about 14 cents an acre. During harvest he pulled a 12-foot combine and a 14-foot header with his tractor and cut 500 acres of wheat with this outfit.

During the season he ground the engine's valves twice. His expense for repairs was nothing, which ought to be cheap enough for anyone. Many power farmers are finding power farming implements properly cared for and intelligently handled are bringing in dividends when other methods fail to produce.

## Barrel Spray for Delousing

**A** BARREL sprayer, maintained to protect a home orchard, is used by A. E. Pinnacek, Rawlins county, for dipping his hogs. That saves the cost of a hog oiler or dipping vat and makes profitable employment for the sprayer, which would be idle a large portion of the year. Pinnacek believes in dressing up his Spotted Po-

lands for prospective customers. He runs the hogs into a stall of the hog house, grooms them carefully and then sprays them just as he would an apple tree.

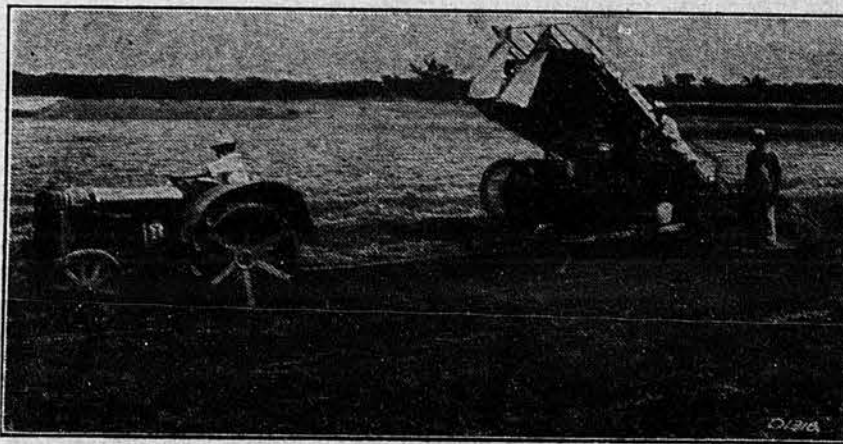
## Spare Cash from Tractor

**I**N 1922 J. A. Milbourne, of Eldorado, Kan., bought a 16-30 tractor and with this machine he plowed 200 acres, cut 120 acres of wheat, threshed 10 days, graded 10 miles of dirt road and disked 200 acres of plowed ground for the first year he owned the ma-

chine, at a cost of a little more than \$2 a day for fuel. He used distillate which cost about 7 cents a gallon. His general repair bill so far has been \$2.50. Besides doing all of his farm work, the tractor has made it possible for this man to do outside work grading roads for the county, which has put some spare cash in his pocket. Real hard cash comes in mighty handy these days.

bar, who lives just west of Columbus, has not had a failure. He soon learned that lime was necessary for successful alfalfa culture in that region. The acreage on which he was trying to grow that crop was small and he did not care to buy a lime sower until he was sure he could get a stand of alfalfa.

Spreading by hand was tiresome and unsatisfactory. He had a manure spreader and by placing some manure, litter or straw in the bottom of the box and throwing the limestone in on top he was able to do a satisfactory



The Tractor, Baler and Loader in This Picture Make up the Combination for Baling Alfalfa on John Linn's Riley County Farm

job of distributing without the extra outlay necessary for a lime sower for experimental purposes.

## Wagon Elevator for Smut Control

**A** WAGON elevator of the type used in binning grain is employed by Albert Weaver, Bird City, Kan., for treating his seed wheat against smut. A small tank with hose attachment is placed above the elevator hopper. The formalin solution is placed in the tank and the hose sprays it over the wheat as the grain is shoveled into the elevator hopper. The worm which takes the grain from the hopper to the elevator buckets does

## Extra Use for Manure Spreader

**N**INE years of experimenting with alfalfa growing in Cherokee county finally succeeded, and during the last six years, J. N. Dun-

## Tractor Replaces Eight Horses and All Extra Help

**O**NE of the most progressive farmers in Kansas, Ed. Schowengerdt, who owns and operates a Kaw River bottom land farm near Lawrence has found that a good three-plow tractor is the short-cut to extra money on his farm.

Ten years ago, Schowengerdt farmed his little place of 70 acres with 10 horses and hired a lot of extra labor thruout the year. Now he has just one old team of mares for cultivating corn and hauling in the alfalfa, and he doesn't hire any outside labor except at wheat harvest and potato digging time. This has practically eliminated the labor bill.

He has bought 90 acres more land since he's been power farming, and he farms it all with his tractor. He never could plow more than 4 inches deep with horses in that stiff bottom soil, but now he can go down 10 inches without overloading the tractor, and it has paid him well in bigger and better crops. He finds that there is a short period in the summer just after Sweet clover matures and before the weeds go to seed when plowing can be done to best advantage. His tractor enables him to plow all of his land during this short period, turning under Sweet clover as green manure and reseeding a fresh crop for another year. This gives him better corn and potato crops which more than make up for the short price he has been getting for his wheat during the last few years.



the mixing and insures that each grain is covered with a film of the solution.

The grain is treated as fast as two men can shovel it into the hopper. Enough seed can be treated in a few minutes to keep the drills running next day. The grain is run into a bin where it is subjected to the action of the formaldehyde vapor over night.

## Dividends From His Camera

**M**ANY folks keep a camera, but for the most part they must depend upon the pleasure they get from picture making for their returns. But Ira Romig, a Holstein dairyman at Topeka, makes his camera sell surplus stock.

When he has a bull calf to sell, Romig leads the critter out to a sunny place, aims the camera and shoots. The picture together with pictures of the calf's sire and dam are sent to prospective customers. That is almost as good as a visit to the farm and a mighty big help in selling livestock by mail.

## Silage by Hay Carrier

**W**HEN a man invests in a hay carrier and track, he never expects to get more than a few days of use out of it in a year. The equipment hangs idle on the rafters from one hay season to the next. But E. V. Wakeman, Doniphan county orchardist, uses a portion of track and a carrier all winter long.

Several years ago Wakeman started a grade dairy herd of a few cows to provide employment when fruit trees did not demand attention. He dug a pit silo at one end of the barn and then built an addition to the barn over the silo. A section of track runs from the silo to the cows' mangers. His hay carrier is used for lifting the silage out of the pit and transporting it to the mangers.

## Crushed Rock to Order

**R**OCK crushing is one of the odd jobs which Clyde Cox of Linn county provides to keep his tractor and limestone grinder busy. If a farmer desires to build a concrete foundation, a cellar, sidewalk, barn floor or a soil saving dam, he hauls rock from the fields or roadside and piles it near the place where concrete is to be laid. Then he sends for Cox and his outfit.

Cox hooks the crusher behind the tractor, throws 'er in high and rambles down the road. In a very short time he reduces the pile of rocks to a workable mass. Cox also crushes rock for culverts and bridges.

## Self-Rake for Soys

**F**ARMERS who grow soybeans for seed know that harvesting usually is attended by a great deal of shattering. Clare Newby, Labette county, avoids much of the loss by using an old self rake for cutting the beans.

They are bunched in small piles as they are cut and one handling is thus avoided. The beans cure enough for cooking in this way and the loss caused by raking is prevented.

## Motor Truck for Haymaking

**O**NE Kansas alfalfa grower, Wesley Kouns, of Saline county is using an invention of his own for making hay in a hurry. Kouns has mounted two sweep rakes on his ton motor truck. One rake is in front and the other in back. After the hay is cut and raked up into bunches, he drives up to a bunch of hay, drops the front sweep and drives ahead, picking the load of hay up as he goes. A lever at the driver's seat raises the rake. Then he backs up to the next bunch of hay and picks it up with the other rake and hikes for the shed with his double load.

He can pick up two bunches of hay, transport this material a half mile to the shed, unload it at the stacker and be back for more hay in less than 7 minutes, and he can carry good big loads of hay on the rakes, too.

He built the outfit in his own farm workshop where he has also built a number of very excellent hay stackers which he has sold in various places.



## Jayhawker's Farm Notes

### Farmers Are Impatient to Get Into the Fields But the Soil is Still too Wet to Work

BY HARLEY HATCH

The ground was still streaked, on March 22, with the remains of the snow that fell almost every day up to that time since March 8. The last two weeks exceed in stormy weather anything we ever saw in Kansas, except in March 1912. Most folks say this is the most snow they ever saw in Kansas in March but in most instances their memories are short for on March 26, 1912 we had a fall of 24 inches of snow which lay on a level until it melted.

That snow made the land so wet here that no work could be done in the fields until April 15. For this reason most farmers, ourselves included, did not sow any oats as we figured at that late date there was no use in sowing. But those who did, harvested a heavy crop; one neighbor who did not finish sowing until April 16 harvested 55 bushels of heavy oats to the acre. This year our oats were sown when the snow came and we are in doubt whether or not we are glad of it. The long continued snow and cold may rot the seed but we are strongly hoping not as we have no seed to waste.

#### Damp Weather Hard on Stock

It is rather a hard time on stock. We cannot say that they suffer for the weather is not cold but they are not comfortable. We try to keep the sheds bedded with dry straw but in an hour or so after it has been hauled in it is as wet as the rest. We are now feeding our best corn fodder; it has a good deal of corn on it which is needed. We also feed hay once each day; hay goes well at such times; better than fodder, for wet fodder is not eaten well and hay can usually be put in the racks dry.

Finally we had to give up using the low wheeled, wide tired wagon and go to the high wheeled, narrow tired wagon.

We have had this low wheeled wagon almost 20 years and in that time have had a little trouble with the wheels balling up in soft snow but never before have we been compelled to unhitch.

#### Snow Delayed Farm Work

Since the snow began to fall, not by the day but by the week, we have noticed several liberal doses of that old time bromide in the papers "million dollar snow," but we fail to see its old time companion, "farmers are jubilant." Perhaps the newspaper men know when to play safe; they may know that stories of "jubilant farmers" are more likely to be investigated by revenue officers than by real estate men looking for stories of big crop yields. It has been some time since we saw a real jubilant farmer, no matter from what cause.

And as to the snow being worth a million dollars, it may be out where there never has been too much moisture but here in Eastern Kansas we would be willing to pay liberally if someone would remove the snow at once and fit the soil so we could start our plows right away. The date when the land can be worked here is so far in the future that no one feels like wasting time estimating it. Needless to say, it can be called a late spring,

but given warm weather soon, grass will likely be plentiful as early as usual for prairie grass loves a wet sod.

#### Vermont Maple Sugar

What is read in Kansas Farmer seems to remain with the readers, no matter how long ago it may have appeared in print. One year ago we offered to give readers of this column addresses of Vermont sugar makers so they could buy their sugar direct and by so doing miss that mixture of cane sugar which all maple sugar seems to get if it passes thru the hands of a "refiner." From that year-old note we have in the last 10 days received four letters asking for the address of a Vermont maple sugar maker.

It is not quite time for sap to flow on those Northern hills of Vermont, but there probably will be plenty of new sugar to be had by April 20 so if any more of my readers wish to buy maple sugar direct from the maker we will send them the address of one whom we know to be reliable. The sugar makers of Vermont are up against the high wage proposition hard for \$75 a month is the least the help will consider and that includes board and washing as well as all the sugar they can eat. The old maples there are fast dying out largely from the effects of a very hard winter a few years ago and perhaps continual tapping for the last 50 years may have something to do with it.

#### Motor Car Cost and Expense

A short time ago we mentioned in this column the reading of a note in a Nebraska paper regarding the expenses in that state for motor cars and the expenses of running them for the last year as compared with the value of the wheat and corn crop for the state of the year 1923. The note stated that the motor car expenses equalled or exceeded the price received for the grain. This week we received a letter asking where the figures regarding that statement could be had. I think if one were to write to the Secretary of State, Lincoln, Neb., he could get the figures regarding motor car expenses.

The value of wheat and corn can be fairly well estimated by taking corn at 50 cents and wheat at 85 cents which would make the Nebraska crop of 1923 worth on the farms about 140 million dollars. The motor car cost should be figured with cost of new cars bought during the year, depreciation of all cars in use for one year and the total cost of accessories, repairs, tires and tubes and oil and gas. Taken in this way we would not be surprised to know that the motor car cost for the last year exceeded the value of the wheat and corn produced not only in Nebraska but in Kansas and other western states as well.

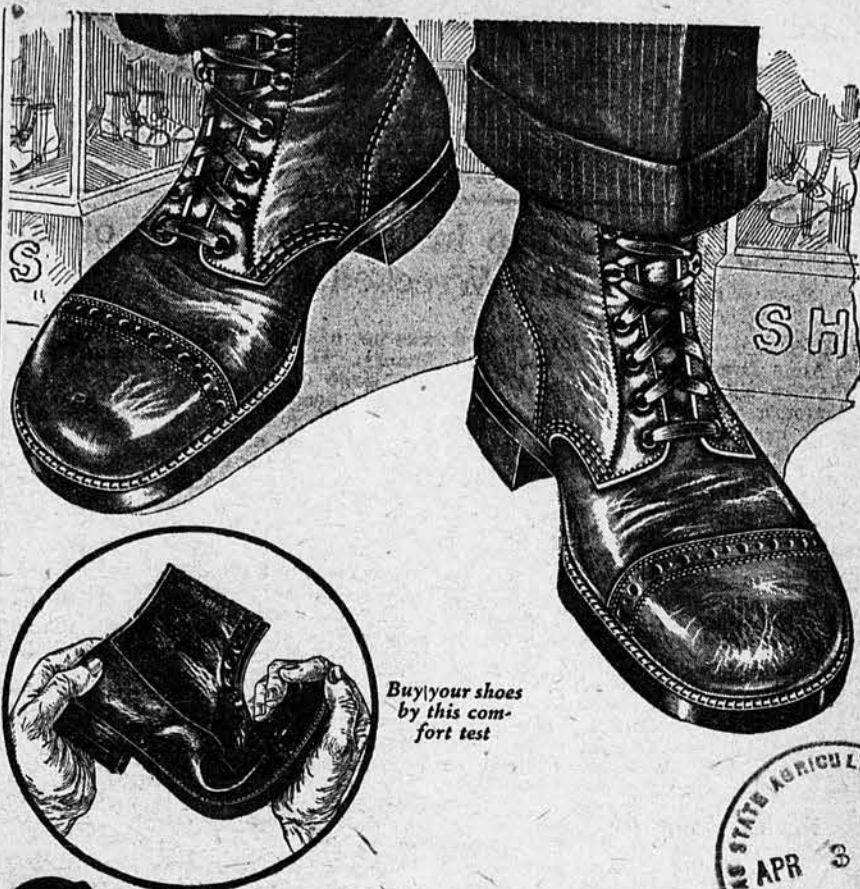
A milk fever apparatus, sterilized and in working order, is kept constantly available on the most successful dairy farms. Plenty of exercise for the cow up to a week or two before calving will go a long way in preventing milk fever.

### Lambing Time Very Important

BY DR. C. W. McCAMPBELL



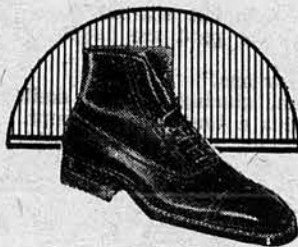
TO A large extent lambing time is harvest time. Provide a dry place for the ewes that are to lamb and be on hand to see that each lamb is dried and that it suckles as soon as possible after birth. If a lamb gets a good start immediately after birth it requires but little more attention. Castrate and dock the lamb the first sunny warm day after he is 2 weeks old, feed him liberally, and get him off to market weighing around 70 pounds before June 15. Such lambs are the ones that make the big money.



Buy your shoes  
by this com-  
fort test



## Comfortable— Right from the Start —Because They Are— "Tempered"



One of the many  
Attractive Styles of  
Comflex Dress Shoes.

THE minute you step into a pair of new Comflex Shoes—you want to keep them on. They feel good on your feet not only while you are trying them on at the store, but after you have worn them home and kept them on all day, as well. Comflex Shoes "Need No Breaking In" because the soles are "tempered". They are "limbered up" before you buy them—are comfortable right from the start.

Carefully selected "live" hides, tanned the old-fashioned way (six months in the tanning vats), and years of shoe-manufacturing skill and experience are additional reasons for Comflex comfort and quality.

Better shoe dealers every-  
where sell Comflex Work  
and Dress Shoes.

WEYENBERG SHOE MFG. COMPANY  
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Write for free copy of the "Proof"  
booklet which tells the complete  
story of Comflex Shoes.



# COMFLEX

COMFORTABLE WORK AND DRESS SHOES



## The Rescue of Anne

BY EDGAR FRANKLIN  
(Copyrighted)

### A Story of Real Pep in the Rebuilding of an Almost Ship-Wrecked Business

**SYNOPSIS**—When her father died Anne Briston, who was barely 21 years old, suddenly found herself left almost alone with Mrs. Lewis, her elderly companion, with no knowledge of her father's business or general affairs. James T. Briston made few confidants, but John Mole, his executor and attorney, and young Burton Fram were included in that list.

These gentlemen in due season called upon Anne and advised her of the vast amount of money and property left her by Mr. Briston, including the large plant and equipment of the Briston Soap Manufacturing Company which Mr. Mole sold for \$100,000 subject to the approval of the new owner. Anne, however, refused to approve the sale, because she knew that the plant was worth a million dollars or more. The interview terminated by Anne's dismissing the attorney and making a careful inspection of the plant herself. While in the building she overheard Mr. Penvale, a manufacturing competitor, offering bribes to some of the office force to wreck the business so that he could buy the plant at his own price.

Anne entered the room suddenly without knocking, and before the conspirators could recover from their surprise she ordered Penvale out of the building and summarily discharged Wharton, the manager, and his accomplices, and that gentleman lost no time in shuffling out of the building.

#### Mr. Marsh's Temper Was Bad

Up the corridor, where Wharton's steps had pattered and shuffled, a new step tramped steadily, with a mighty thump, thump, that sent little vibrations thru Anne's chair. Her eyes, as she could feel, were growing round and startled—and since she was able to realize that they were doing so it was high time that they grew icy again!

Miss Briston sat back in her father's chair and directed a cool stare at the door, which opened with a jerk.

Whoever the newcomer might be he

was not of a piece with the rest of the factory. He was a large-framed person, large of hands and feet, with a massive head and chin; he was very dark, too, and rather well-dressed. But the thing about him that caught Anne's attention and set her pulses thumping angrily was his insolent smile and the crisp assurance of the single word that he uttered.

"Morning!"

The owner of the works sat back.

"Who are you, please?"

"Marsh, boss of the works," the newcomer stated, and paused, hat and light overcoat in hand, as he found the clothes-tree occupied.

"You're not quite the boss of the works, because I'm that," Anne said sweetly.

"I heard as much."

"It didn't impress you, I see. I wouldn't bother looking for a place for that hat, Mr. Marsh."

"What?"

"You may need it very shortly. You and I are going to have a chat, and I think it will be quite brief," said Miss Briston, with a glance at the watch on her wrist. "Is this the time you arrive as a rule—ten five?"

"I get here whenever it is necessary," the superintendent stated, with some force.

"And you do whatever is necessary when you get here?"

"Certainly."

"To wreck the company, I mean?"

"What?"

"Mr. Marsh, how much has Penvale paid you, thus far, to ruin my business?"

The superintendent started angrily. "Who says he paid me anything?" he demanded.

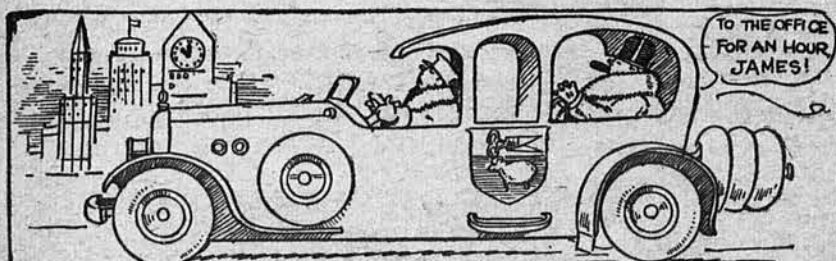
"He did, for one."

Mr. Marsh, glaring at her, smiled suddenly, with a touch of contempt.

"I don't know what you're talking about," he said without great concern. "Do you mind if I get at that desk and start—"

"You and that desk have parted

(Continued on Page 15)



WOULDN'T IT GET YOUR ANGORA, IF YOU WERE A POOR DOWNTRODDEN BUCKET SHOP OPERATOR IN NEW YORK WITH A BUNCH OF QUESTIONABLE STOCKS WHICH YOU HAD BOUGHT AT 65 CENTS A SHARE AND WERE WILLING TO SELL AT A DOLLAR A SHARE PLUS A 15% COMMISSION—



—AND YOU SPENT SKINTEEN DOLLARS AND SKINTEEN CENTS CALLING UP A FARMER OUT IN THE MIDDLE WEST—



—AND AFTER YOU HAD BEEN REAL CHUMMY—OFFERING TO LET HIM IN ON A FEW SHARES OF YOUR STOCK—



—TO HAVE HIM TELL YOU TO GO PLUMB TO A PLACE WHERE THERE IS NO BLUE SKY—AND THEN HANG UP WITH A BANG?—



—WOULDN'T IT GET YOUR ANGORA?—

KERNEL KOB SAYS—  
"WHAT WITH THE HIGH COST OF TIRES, TIARAS, AND TOWN HOUSES, I WEEP FOR HIM!"

A Few Crocodile Tears for the "Blue Sky" Peddler

10 Shaves FREE See Coupon



## Don't Buy Yet

First prove our claims—Make this ten-shave test

By V. K. Cassady, Chief Chemist

#### GENTLEMEN:

The claims we make on Palmolive Shaving Cream seem hard to believe, we know.

So we never ask men to buy. We never state its price—never say that druggists sell it. All we urge or offer is a ten-shave test at our cost. We ask you to prove our claims in fairness to us both.

#### It is better than we expected

Palmolive Shaving Cream surprised us as much as it will you. We never dreamed that shaving creams could be so improved.

But we are masters of soap making. We had devoted our lifetimes to soap study. We had done some great things. In Palmolive Soap we had created the leading toilet soap of the world. We learned what men wanted in a Shaving Cream. We worked 18 months to meet those desires to the limit. We made up and tested 130 formulas before we satisfied ourselves.

#### Men were amazed

We did better than we dreamed. This Shaving Cream, when perfected, became an instant sensation. Millions asked us for the 10-shave tube, and they flocked to this Cream when they tried it.

They told others about it. They wrote us letters—tens of thousands—to thank us for making it.

Thus Palmolive Shaving Cream attained the pedestal place, without ever a man being asked to buy.

Now we ask you to make this test, if you have not. Do it as a courtesy to us. Do it in fairness to yourself. Cut out the coupon now.

#### HOW IT EXCELS

- 1—Multiplies itself in lather 250 times.
- 2—Softens the beard in one minute.
- 3—Maintains its creamy fullness for ten minutes on the face.
- 4—Extra-strong bubbles support the hairs for cutting.
- 5—The palm and olive oil blend brings fine after-effects.

To add the final touch to shaving luxury, we have created Palmolive After Shaving Talc—especially for men. Doesn't show. Leaves the skin smooth and fresh, and gives that well-groomed look. Try the sample we are sending free with the tube of Shaving Cream.

There are new delights here for every man who shaves. Please let us prove them to you. Clip coupon now.

Shaving mugs often cause rough skins. Germs collect in the cup which cause infection, eruptions. Men everywhere have found new skin health by using Palmolive Shaving Cream, protected by sanitary tube.

## PALMOLIVE SHAVING CREAM

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10 SHAVES FREE  
and a Can of Palmolive After Shaving Talc  
Simply insert your name and address and mail to:  
THE PALMOLIVE COMPANY  
Dept. B-707,360 N. Michigan Ave., Chicago, Ill.



## The Hired Man's Column

BY T. W. MORSE

**YOU** didn't think there was such an animal, but a Horseshoers' Convention was held at Elgin, Ill., recently.

For \$34,200 Lee Bivins, a ranchman of Amarillo, Tex., has sold to E. A. Barker of Burns, Kan., 600 3-year-old steers.

Did you notice that Cornelius Barnett, reputed head of an auto stealing organization in Oklahoma and Southern Kansas, was caught in Coffeyville by Police Chief McGrabb?

The free fair idea is taking hold in Graham county. Last year a free fair was held at Hill City, Kan., and its directors have just voted to repeat the performance next fall.

"Sumbuddy with a hare splittin masheen to sell," says Hy Geer, "shud call on the O. I. See Swien Breeders Asoshun. It announses that O. I. Sees will be separated from the Chester Whlets and recorded in separate colyumes of hits book."

The following has been suggested as a bylaw in the building code of the Mushroom Bungalow Producers' Association, with branches in most of our fair cities: "Never take down the scaffolding till the wall paper has had time to set."

### A. R. S. to Mean More

The management of the Holstein-Friesian Record Association is revising its rules for A. R. S. cattle in order that more attention will be given to correct type, in line with the work of the "type committee" finished about a year ago. Production requirements for A. R. S. rating will be as high as ever.

### Farmer Relief—Reversed

Doubtless you expected as much when you noted the hog runs in 1923 and the prices the packers paid; Wilson & Company, Inc., recently gave 275 million dollars as the total of their 1923 sales, and it was stated that their operating profits were twice as large as for 1922.

### Flax Facilitation

A little lubrication is being applied to the flax production of Kansas by linseed oil interests. A big dinner was given at Parsons, March 29 to 300 Labette county flax growers by the Kansas Flaxseed Development Company and the Fredonia Linseed Oil Works Company.

### Now Call 'Em Durocs

Among purebred livestock the Jersey cow soon may have the exclusive use of her front name. By its reincorporation, recently, the National Duroc Jersey Record dropped the Jersey from its name and is dropping it from the breed name in all of its printed matter.

### Will Farm the Under Side

In the Osage Nation, farm lands seem to be recovering from the slump. In an auction sale of oil lands at Pawhuska, Okla., March 19, a bid of \$1,990,000 was made for a quarter section of land. Three other bids, approaching 2 million dollars each, were made by oil companies, other than the high bidder.

### Fewer Cattle to Flint Hills

Indications, and the opinions of cattlemen, are to the effect that this spring's movement from Texas cattle ranges to Kansas pastures will be the smallest in years. The cause is not so much a lack of cattle as it is an abundance of pasture in Texas. Under reduced demand cattle owners are getting concessions as to the number of acres allowed for each steer carried, a form of concession which finally may benefit the pasture owner as well.

### But Woods Boys are "Isers"

Woods Brothers, once horse importers, and sons of F. M. Woods, once the leading livestock auctioneer in America, head a company developing an industrial district in Kansas City on reclaimed land where the Kaw

empties into the Missouri. This is only one of many big enterprises the "Woods boys" handle, mostly thru the Woods Brothers' Corporation of Lincoln, Neb. One of their leading men is Frank D. Tomson, widely known son-in-law of F. D. Coburn, famous for his work as secretary of the Kansas Board of Agriculture.

### Being a Stock Show "Angel"

To get an idea of the pleasures of putting on a livestock show close your left eye and read the following figures: \$11,143.01. This sum is said to represent the loss on the recent Kansas National Livestock Show. For 1923 the loss was given as \$4,645.55.

### They're "Crossing Bulls" In Scotland

We'll never see the day when we don't need to "breed 'em up." At the Aberdeen spring sales this year, in the cradle of the Angus cattle breed, 350 "crossing bulls," (not patrolmen at

street intersections, but bulls for improving grade herds or siring beef steers) were sold at an average of \$170 per head.

### Patent Applied For?

A college animal husbandry instructor, in writing on the kind of hogs for profitable production, used the term "prepotent boar." The paper that printed it made the term read "Pre-Patent Boar." To use on Henry Ford's farm along with the mechanical cow, no doubt.

### Does Ford Lack Faith?

Henry Ford is said to have Ayrshires, Shorthorns and Holsteins on his farms, but I've seen no report of his installing a herd of the recently much discussed mechanical cows to give synthetic milk. I have a name all ready for that breed; the Mech-Synth cows, for lispers only.

Does not scar or discolor the hair



NO CHANCE of a scar or discolored hair when you use Gombault's Caustic Balsam. The 41-year-tested remedy for most horse ailments. Supersedes firing and cautery. Dependable and quick in results. Directions with every bottle. \$1.50 per bottle at druggists or direct upon receipt of price. Good for human use, too. The Lawrence-Williams Co., Cleveland, Ohio.

**COMBAULT'S**  
Caustic  
**BALSAM**

## Which is more important—your stock or your family?

**T**HERE is naturally only one answer, for any self-respecting man.

And yet there are plenty of farmers who buy all the equipment possible for their stock—while they neglect the health and comfort of their wives and children in their own house.

Light is the most important single factor of home-life on the farm. Its effect is more far-reaching than any other influence, because it means the difference between a bright, cheerful home and a dull, dark house.

Light, more than any other thing, can keep children on the farm, because it makes the home more inviting than the city's glitter. Bad light is the reason that four country children have defective eyesight, to every one city child.

And light is one of the easiest, most economical things that a farmer can buy—thanks to the J. B. Colt Carbide-gas lighting system.

This system, besides giving a light that scientific analysis proves nearest to sunlight, also provides cooking and ironing facilities. It consists of a simple, automatic generator, buried at some convenient place in the yard. From this "gas-well" the Union Carbide-gas

is piped through iron pipes (which are concealed and do not deface walls and ceilings) throughout house, barn, porches, poultry buildings and grounds.

No lamps to clean, no parts to replace, no matches—the only attention this system requires is recharging (average: two or three times a year) with Union Carbide and water, and removal, at the same time, of residue which then serves as a valuable whitewash, soil corrective and germicide.

The J. B. Colt "gas-well" costs no more than inferior generators and is well within the means of any farm owner. Write today for full information about the J. B. Colt System and the very attractive terms.

N. B. Do not be deceived by inferior imitations. Representatives for the genuine Colt System carry credentials.

Union Carbide for use in the J. B. Colt System is distributed from more than 150 conveniently located Union Carbide warehouses throughout the country—direct to the user at factory prices. There is one near you.

### J. B. COLT COMPANY

(address nearest branch)

Oldest and largest manufacturers of Carbide lighting and cooking plants in the world

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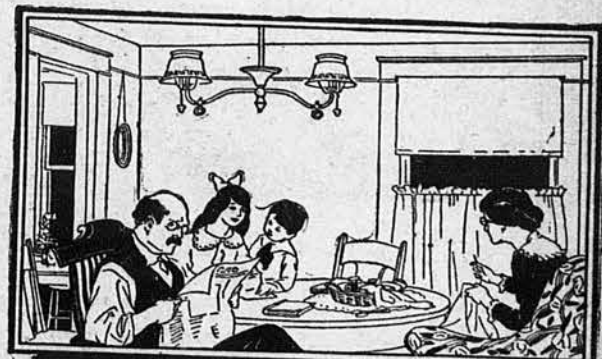
Rochester, N.Y.  
31 Exchange St.

Chicago, Ill.  
1001 Monadnock Block

Kansas City, Mo.  
716 N.Y. Life Bldg.

Chattanooga, Tenn.  
6th & Market Sts.

San Francisco, Cal.  
8th & Brannan Sts.





## Farm Organization Notes

### National Leaders of Co-operatives Will Visit Kansas April 14 to Boost the Wheat Pool

BY JOHN W. WILKINSON

**M**ORE than a dozen nationally known leaders of agriculture will come to Kansas during the week of April 14 to April 19 for an extensive series of addresses on co-operative marketing in behalf of the 44 million bushel wheat pool now being signed by the Kansas Co-operative Wheat Marketing Association. It was officially announced at headquarters of the big pool in Wichita last week.

These men include Former Governor Frank O. Lowden of Illinois, chairman of the National Wheat Growers' Advisory Committee; Aaron Sapiro, nationally known co-operative marketing counsel and author of the standard contract being used by farmers' co-operative associations thruout the United States and Canada; Charles S. Barrett of Georgia, National president of the Farmers' Union; Walton Petzet of Chicago, secretary of the National Council of Co-operative Associations; J. C. Stone of Lexington, president of the Burley Tobacco Growers' Association; and also the leaders and officers of many other co-operative organizations.

The itineraries of these men as well as those of many of the leading agriculturists of Kansas, will be made public very shortly, it was announced.

#### Lincoln a White Rock Center

Community poultry breeding is being undertaken in Lincoln county this spring. The Lincoln Center Chamber of Commerce has set aside an appropriation to furnish White Plymouth Rock eggs to 50 members of boys' and girls' clubs. The children will return an equal number of eggs from their own flocks next spring. These will be distributed in the same manner to additional members.

Henry Buzick, Jr., of the Sylvan State Bank, Sylvan Grove, has offered to supply eggs to any number of members in that community. Approximately 40 children had applied for eggs by April 1. In addition many farmers have bought White Rock eggs. The children will keep records on their projects, maintain a breeding pen, and exhibit birds at local fairs. The Lincoln County Farm Bureau is co-operating in the Poultry Club work. The breed was selected by the Chamber of Commerce.

#### Kansans Help Grain Farmers

The Kansans who will make speeches during the week of April 14-19 in the interest of the 44 million bushel pool include Governor J. M. Davis, who signed the first contract of the big wheat pool; Dean H. Umberger, head of the extension division, Kansas State Agricultural College, and a member of the big pool; W. C. Lansdon, Salina, chairman of the 44 million bushel pool association organization committee and national lec-

turer for the Farmers' Union; B. E. Corporon, manager of the Kansas Wheat Growers' Association and secretary-treasurer of the big pool committee; John Tromble, president of the Kansas Farmers' Union; Ralph Snyder, Manhattan, president of the State Farm Bureau; W. P. Lamberton, Fairview, member of the state board of administration and of the big pool executive committee, and several others.

#### Broomcorn Growers Still Hopeful

W. F. Porter, secretary of the National Broomcorn Growers' Association says despite the large tonnage of broomcorn reported by the United States Department of Agriculture, growers believe that thru co-operative efforts better prices will be obtained next fall and that the crop will prove profitable.

Mr. Porter estimates that there are about 14,000 broomcorn growers in the United States. Of this number about one-half are in Oklahoma, one-fourth in Illinois, and the remaining one-fourth in Kansas, Colorado, New Mexico and Texas. "One of the principal handicaps to the broomcorn growing industry," says Mr. Porter, "is the fact that the Government thus far has not established a system of grades and grading for broomcorn as has been done for corn, wheat and cotton."

The officers of the National Broomcorn Growers' Co-operative Association at present are as follows: President, R. C. Kennedy; vice-president, A. C. Bickell; second vice-president, R. R. Richards; secretary-treasurer, W. F. Porter. The headquarters of the association are maintained at Oklahoma City; Kansas broomcorn growers who desire to join the association should address W. F. Porter at that place.

#### National Grange Meet

Atlantic City, N. J. has been selected as the meeting place of the 58th annual session of the National Grange and the dates will be November 12 to November 19. Thousands of patrons will attend the convention, coming from fully 30 states, and the class that will there receive the Seventh Degree of the Order bids fair to be one of the largest in its history. All the Grange sessions will be held in the famous Steel Pier and a feature will be a mammoth exhibit of the agricultural products of New Jersey, continuing for 10 days or more.

#### To Clean Up the Fairs

Granges in all sections are joining in a Nation-wide movement to clean up the agricultural fairs of the country, driving out gambling games and objectionable features and concentrating fair energies upon the promotion

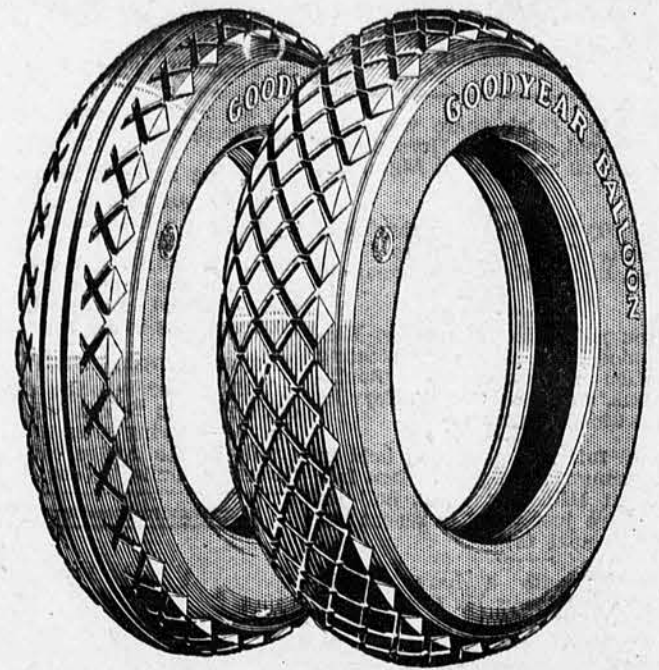
### All Seed Corn Should be Tested

BY L. E. MELCHERS

**I**T HAS been apparent since last fall that an unusual combination of conditions occurred in Kansas which have produced a large amount of very poor seed corn. If extreme care is not exercised this spring the majority of farmers are going to plant seed corn which will give them perhaps 50 per cent of a stand. The weather conditions for some reason last season favored the development of a fungus known as Diplodia. This is known to kill the kernels on the cob. This infection together with the undesirable fall weather for proper maturing of the seed has produced a large percentage of dead ears. This year more care should be exercised than usual in selecting the seed to be planted. This disease has been reported from most of the counties in Kansas growing corn.

It is advised that careful selection of the ears should be made to avoid poorly matured, discolored, light weight, rough or extremely rough ears, especially if they show the presence of the Diplodia fungus. Care should be taken to use only ears which are well matured, heavy, and bright colored. The ears should have rather smooth kernels and should not show the Diplodia fungus. A great many dead ears will be eliminated in this manner.

In order to secure the best results, germination tests should be made of the ears which are finally selected. This is done by removing 10 to 20 kernels in a spiral manner from each ear, avoiding the kernels at the extreme tip and butt. Ears which show strong vigor in germination can be used for planting. Those ears which are weak or dead should be avoided. By carefully following the above suggestions good stands of corn can be obtained this year. Where care is not taken there is going to be considerable disappointment in the fields next fall.



The good word everywhere on balloon tires is "Goodyear." Because Goodyear makes them to fit rims on most cars now in use, as well as in the smaller diameter 20-, 21- and 22-inch rim sizes. Motorists appreciate this opportunity for saving. Get the facts from your Goodyear Dealer and you will, too.

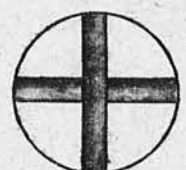
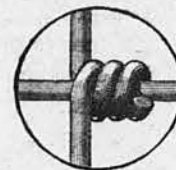
# GOODYEAR

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## Good Fences

"Columbia"  
Hinge-Joint

"Pittsburgh Perfect"  
Stiff-Stay



### For Farm, Poultry and Lawn

**T**HESE fences are thoroughly galvanized with an extra heavy coating of zinc and are equal in quality and durability to any other fence made. Give us a chance to prove this by actual test and comparison.

This statement is backed by the largest independent wire mill in the world.

## Pittsburgh Steel Company

Union Trust Building · Pittsburgh, Pa.  
New York Chicago Memphis Dallas San Francisco

Send for a copy of the attractive new "Profitable Pig Production" circular issued by the extension division, K. S. A. C.

"Growing Soybeans in Kansas," an extension division circular, furnishes the necessary information on growing this valuable legume.



of genuine agricultural and rural interests. In several states a well-outlined campaign is under way and subordinate Granges are carrying the same purpose into small local fairs as well. Particular progress has been made in Ohio, where the director of the Ohio State Fair at Columbus, George R. Lewis, is also lecturer of the Ohio State Grange and is using his double position to strike effective blows for cleaner fairs.

#### Renewed Grange Activities

Energetic Grange organization work is now in progress in several states, including Michigan, Illinois, Indiana, Iowa, Kansas and Nebraska, while other states are to be entered as the season advances. The present membership of the Grange is upwards of 200,000, with over 8,000 local branches; and the number of subordinate meetings held every 12 months is in excess of 200,000.

#### Coolidge Consults Grange Master

National Master Louis J. Taber was recently summoned to Washington by President Coolidge for a conference regarding agricultural conditions throughout the country and was recalled a second time for further consideration. The President has often expressed his confidence in the practical work the Grange is doing for rural interests and he is thoroughly informed on all branches of its activities.

#### Kansas Feeders' Day May 24

The date for the annual Kansas Livestock Feeders' Convention at the Agricultural College has been set for Saturday, May 24. Part of the program will be devoted to reports on experimental work of the current year conducted by the animal husbandry department of the Kansas Experiment Station. Three distinct classes of work will be reported, beef cattle, hogs and sheep.

#### Co-operatives Do Big Business

Relative size as measured by volume of business has been worked out from reports received by the United States Department of Agriculture for 1,136 farmer-controlled creameries, 1,861 associations for handling grain and 585 organizations marketing fruits or vegetables or both.

In the case of the creameries, 64 per cent of the total number report an annual volume of business of approximately \$100,000 or less; 65 per cent of the grain-marketing associations report business for 1923 to the amount of \$180,000 or less; and 59 per cent of the organizations handling fruits and vegetables reported business for 1922 not exceeding \$100,000.

#### Kansas City Producers Busy

The Kansas City Producers' Commission Association at Kansas City is being kept pretty busy at present and it is now one of the most discussed marketing agencies in the United States.

In a recent statement, F. H. Simpson, the general manager, says:

"We have an outlet for stocker and feeder cattle that is unequalled at Kansas City. I do not have any hesitancy in making this statement because of the farm organization outlet and the traders who are buying from us. Further, we wish to state that we have never been handicapped in any way as regards the outlet on killing cattle."

#### Program for Hays Round-Up

The 12th annual State Round-Up at the Fort Hays branch of the Kansas Experiment Station will be held Saturday, April 26. The program, as now announced, includes addresses by leading agriculturists of the state. The date coincides with that of the quarterly meeting of the Kansas State Board of Agriculture, which will be held at the Hays Experiment Station April 25 and 26.

At the round-up the results of experiments conducted at the station during the last year will be reported. Prof. J. B. Fitch, head of the dairy department of the Kansas State Agricultural College, will give the dairy results, commenting and answering questions. Dr. C. W. McCampbell, head of the animal husbandry department of the agricultural college, will report the beef cattle results.

Other speakers of the day include J. C. Mohler, secretary of the Kansas State Board of Agriculture; Paul Klein, president of the Kansas State

Board of Agriculture; and Prof. L. E. Call, head of the department of agronomy, Kansas State Agricultural College. Mr. Klein will speak upon "Some of the Farmers' Problems." Professor Call will talk upon the subject, "Cash Crops for Western Kansas Farmers."

#### Potato Tour in June

The annual Kaw Valley Potato Tour will be held June 2 to 7. The caravan will start in Wyandotte county Monday of that week and proceed up the valley. One day will be spent in each county studying results of co-operative tests between growers and Kansas State Agricultural College in seed treatment, spraying, soil management, seed selection and potato breeding.

#### Many New Orchards in Wyandotte

There is an unusual number of orchards being set out in Wyandotte county this spring, according to the county farm agent. How many will survive and become profitable is a question that is hard to answer.

No doubt a few will survive despite poor care. Others will develop and come into bearing quite young because

of good care. A young orchard requires not as much attention as it does careful attention.

The wise orchard planter plans to grow some cultivated crop in his young orchard. Three things are accomplished. First the weeds are destroyed; second, the orchard receives cultivation which liberates plant food and conserves moisture; third, the land is kept producing a profit.

#### Potato Growers Treat Seed

Many potato growers in Leavenworth county, Kansas have been a little slow in taking up the work of seed treatment in the past, but this year they are giving more attention to this matter. According to E. H. Leker, last year there were only 40 acres of potatoes planted from treated seed.

From present indications, Leavenworth county will have this year from 400 to 500 acres of potatoes planted with treated seed. Only a small expense was incurred in treating the seed and it will increase the yield by several thousand bushels next fall.

Keeping of dairy cows was the greatest factor in the development of man from a state of barbarism.

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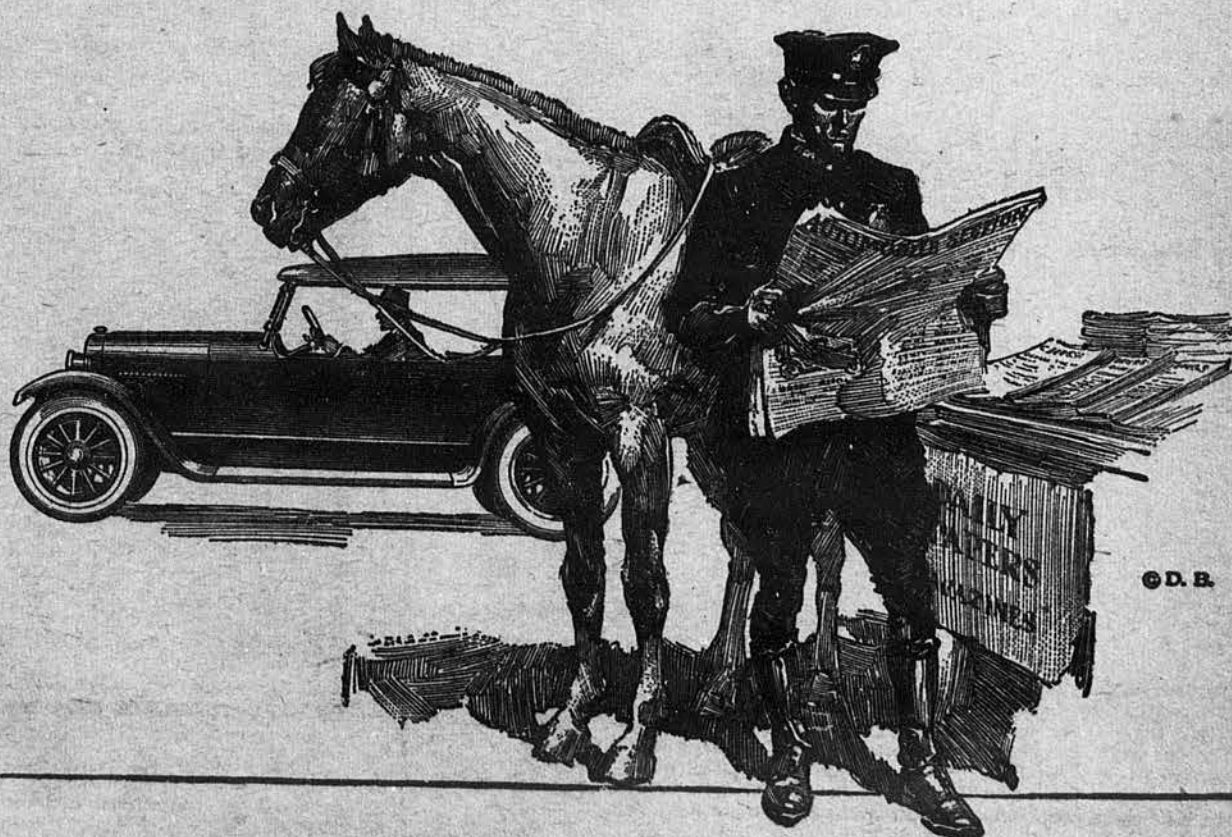
Owners continue to comment on the marked riding comfort of Dodge Brothers Motor Car.

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DODGE BROTHERS





## Takes Time For Super Power

Little Will be Gained in Most Sections of the State by Waiting for High Lines

BY HENRY M. MARSTON

THERE has been considerable agitation recently concerning electrical power for farms all over Kansas and other states as well, and this has perhaps been the cause of some confusion in the minds of many folks who are anxious to obtain adequate electrical service on their farms. The Kansas Committee on the Relationship of Electricity to Agriculture, which was appointed by President W. M. Jardine of the Kansas State Agricultural College, was not appointed directly to start a number of high lines functioning thruout the state. Many people seem to have an idea that this is a job that will be done in a few months. This is not true.

### Permanent Committee Appointed

This committee was appointed as a permanent committee to investigate conditions in Kansas in order to establish the advisability of electrical power on our farms and to determine the maximum number of economic uses for electricity on the farms of the state. It will be a long time before our farms are electrified, for several very excellent reasons.

In the first place, there is not nearly sufficient power being generated in Kansas at this time to supply the needs of even 10 per cent of our farms. Many persons have an idea that all electricity will be generated at water-power plants, but this is a mistake. Kansas does not have a great deal of available water power, and even if it did have the available power, it takes years of planning and building to put a big water power plant into operation. The ultimate solution to the problem of economical power for Kansas probably will lie in placing large central plants close to the coal fields of this state, providing that sufficient water can be had in such localities. Steam plants require many pounds of water for every pound of coal which they burn in generating power. It will take years to build such plants and get them in such shape that they will supply adequately the power requirements for our farmers.

Meanwhile, the committee will attempt to get some work started in one or two actual farming communities where some real investigations can be made. These investigations alone should be carried on for a number of years before any real results can be obtained on which to base any possible recommendations for electrical service to farmers. There are hundreds of things which must be worked out in detail before Kansas is ready for "super-power" as it is so fondly called.

### Extensions Will be Limited

So there's no use in expecting any great developments very soon in the way of extensive extensions of high lines thruout the state. There will be some extensions, no doubt, but these will be limited to localities which al-

ready have either water-power or central steam plants now in operation, and naturally these places are rather widely scattered at the present time.

Meanwhile, there is available electricity for practically all the lighting and small power requirements of our farms to be had in the small individual farm electric plants. These electric plants will answer all except the heavy power requirements on any farm. They will provide current for lighting all buildings, pumping water for the house and for the livestock, operating all kinds of household appliances such as washers, irons, sweepers, mangles, refrigerator plants, water systems, sewing machines, and they will serve admirably as a source of power supply for churns, cream separators, sheep shearing machines, clippers, feed grinders, corn shellers, fanning mills and dozens of other machines which do not require very much power for successful operation.

To anyone who is contemplating electricity on his farm we would have this much to say. Unless you have some definite information that there will be adequate high line service extended close to your farm in the very near future, there's no need in overlooking entirely the feasibility of installing an individual plant on the presumption that you will use it only a year or two years before discarding it when the line is built thru your part of the country, for the chances are that in most localities, farmers will be able to wear out an individual plant before the proper kind of high line service at the proper kind of a service cost will be extended to their farms.

### Farmers Can Install Local Plants

We've recently heard of many farmers who have wanted electricity on their farms but who held off the purchase of a farm electric plant because of the reason stated previously, so we say that if you want electricity on your farm and you have no reasonable assurance of adequate high line service at a reasonable cost to you within a reasonable time, you'll doubtless be able to cash in handsomely on an individual plant and wear it out long before the high line service is put thru, and when it does come, you'll be all the more ready to take it up. There are too many advantages to be had with the individual plant to pass them all up for years just to sit by waiting for something that isn't going to happen for a long time.

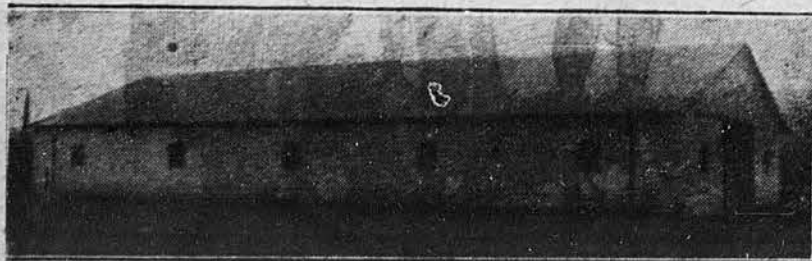
It is our belief that much of the extension of high lines in the next few years will be to special communities where investigations are being carried on to determine the feasibility of this kind of power for farms and for the development of farm machinery to be used with this new power. Meanwhile, the farm electric plants will answer all farm needs with the exception of those which call for considerable horsepower.

## Longer Life for Sheltered Machinery

BY FRANK A. MECKEL

THIS farm implement shed is serving its purpose in protecting the valuable equipment from the ravages of the elements. It is serving another purpose also in protecting an investment of thousands of dollars, and that, after all, is the big thing about any implement shed.

The risk in farming is great enough with everything ideal. In order for any business to thrive, the element of risk and gamble must be as far removed as possible. The owner of this shed cannot control the weather, but he can protect his equipment against its ravages. Just as he puts his savings in a vault, safe from thieves, so does he put his invested capital in a shed, safe from the thieves of rain, snow and sun which would quickly rob him of several years' use of this equipment.



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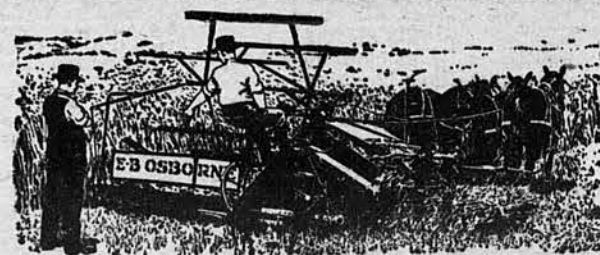
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## The Rescue of Anne

(Continued from Page 10)

company for good, Mr. Marsh," said Miss Briston.

The finger of the astonishing Anne pointed straight at him, and there was a cutting edge to the voice that said:

"I don't know how much of a fool you had me down for when I wasn't around, but I'm on the job now, and you've put over the last thing you ever will on this company, Marsh. I've got your number and I've got it right! Now—beat it!"

Not without some warrant did the large superintendent stare at the dainty person who spoke.

Not without warrant, either, did Burton Fraim, appearing in the doorway, clutch the casing and cry:

"Anne!"

The owner of the factory started and frowned past her superintendent. Mr. Fraim seemed downright frightened. His face was red and his forehead wrinkled. Had he entered with his usual majesty she might have felt a little relief; but his present appearance brought nothing more than a pang of annoyance.

"I didn't know that you were coming, Burton," Miss Briston said; "but this purely business conference—"

"I insist upon being part of it!" Mr. Fraim said flatly, and entered and closed the door.

A moment he eyed the superintendent threateningly, and then his stare softened; for Mr. Marsh had altered quite amazingly in a matter of seconds. He was on his feet and smiling straight at Mr. Fraim as he said heartily:

### Some Deficient Explanations

"I don't know you sir, but if you are a friend or relative of Miss Briston's I'm glad to see you. There are a number of things I want to say that a business man will understand better than—er—"

He let the words trail off and shot a quick glance at Burton Fraim. That misguided individual nodded almost imperceptibly, and turned back to Miss Briston with the indulgent smile of a fond father considering his spitfire child. As the smile broadened, Anne's teeth shut, and she conceived thoughts of Burton Fraim that would have caused his hair to stand on end.

Mr. Fraim, just now, had taken a chair and was regarding Marsh with a sort of hopeful, expectant friendliness.

"You're fully justified in being angry at finding things as they are, Miss Briston," the superintendent said easily. "I'll go, if you wish. I have a contract with the house, but I'm willing to waive that. Jobs are plentiful for a man with my experience in soap-making. But my conscience will not permit my going—"

"But mine will—easily!" Anne said warmly. "So be good enough—"

Mr. Fraim seemed bent on acquiring extra merit that morning.

"If, as I take it, this man is superintendent of the works, let him speak, at least," he said firmly.

"He's not superintendent any longer," Anne said. "And—"

"Or let him talk to me, and let me settle the thing for you, whatever it may be," Mr. Fraim pursued complacently. "I have some grasp of the situation here, you know."

"And I should prefer talking to you, sir, if Miss Briston will pardon me," Marsh smiled cheerfully. "You see, as things stand, and judged by the meager information in Miss Briston's possession just now, I'm in a bad light here. I'd like to set myself right, and help her at the same time, by giving her some understanding of conditions."

"Exactly!" Mr. Fraim said heavily. "Business has fallen off here—terribly. No one knows that better than I, and nobody could regret it more. A good part of the blame belongs to the fearfully disorganized condition of things when I took the place."

"Wasn't Mr. Dunn a good superintendent, really?" Anne asked artlessly.

"Oh, the worst ever!" Mr. Marsh laughed. "Wharton got rid of him just in time to save the works from complete ruin, and I've been doing what I could since then to build up a little. But I've been badly handicapped all along the line."

"But just how?" Anne asked, so

gently that Fraim heaved a sigh of relief and Mr. Marsh turned almost jovial.

"In every way that an unfortunate superintendent could be handicapped," he replied. "The whole force was inefficient in the first place. Then the company had been buying rather inferior grades of stuff, all the way from greases to the perfumes, you know. Another thing, the selling department wasn't what it might be, and I haven't been able to do much with it."

"But why not?"

"Lack of ready money, Miss Briston."

"Didn't you ask Mr. Mole for more?"

"Time and again," said the superintendent. "He didn't feel warranted in allowing me even another ten thousand dollars."

"I wonder why he didn't tell me that?" the owner mused.

"I'm sure I don't know."

"But it was the shortage of money that caused the products to drop off?"

"Naturally."

"You explained the whole thing to Mr. Mole, and he flatly refused to help?"

"Why, of course," the superintendent said, and his color rose a little.

Miss Briston's ingenuous droop vanished as mysteriously as it had arrived. She was quite erect again, and

looked at Burton Fraim, for an instant, with a force that jarred him and kept him silent.

"When you want to lie to me it would be flattering if you made an artistic job of it at least, Mr. Marsh," she said acidly. "That rough work's just tiresome!"

"What?"

"There isn't a grain of truth in any of that about Dunn, the organization, or the raw products, and I have no reason to think there's any truth in your charge against Mr. Mole. You couldn't make that stick if you talked yourself dumb," Anne said quietly, but with a wealth of energy that caused Fraim's hat to drop to the floor. "My time's valuable. Get out of here!"

"The idea, then, is that I'm lying?"

"It's not an idea; it's fact. Go!" ordered Miss Briston.

### "I Can Beat It"

The superintendent rose with a rush. It seemed for a moment that he was about to seize Anne and wind his large, working fingers about her throat. His dark eyes blazed red-hot temper, and his face turned purple. It was not without an effort that Miss Briston maintained her own icy stare. He stepped toward her, and she held her breath—and then, as if recalling the presence

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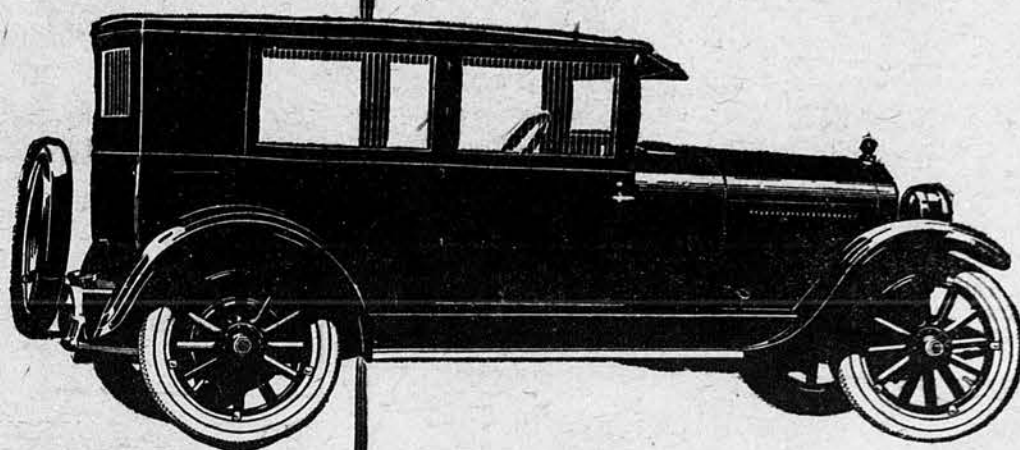
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of another man, he turned and looked Burton Fraim over swiftly.

Other things apart, there could be no question about Mr. Fraim's solidity. He was quite as heavy as Mr. Marsh, and he looked muscular. Altho his expression was mainly one of horrified amazement and indecision, he was on his feet, and the indecision would probably vanish if Marsh sought to gratify the craving that rose in him to rend Miss Briston limb from limb.

The superintendent, therefore, caught himself with a jerk that Anne could almost feel, and his teeth bared in a smile that was quite the wickedest thing she had ever seen.

"I'll go!" he said thickly.

"I know it!" agreed the owner of the works.

"But by the Lord above, I'll make this the sorriest day of your life!" Mr. Marsh went on with divers wavings of his clenched fists. "I'll make you regret that language and that air, and—"

"That'll do!" Fraim said suddenly.

"No threats!"

The superintendent turned his glowing eyes on the other man.

"Those are threats, all right, and I'll let you bear witness to them!" he hissed fiercely. "No man ever talked like that to me and stayed out of the hospital, and no woman can get away with it, believe me! Oh, don't take off your overcoat on my account; I'm not going to start anything violent around here—just now, anyway! I can beat that and beat it by ten thousand miles! D'ye hear? I can beat it!"

Mr. Fraim glanced at Anne, who should have fainted before this. Instead, she smiled tartly.

"Please do just that," she said. "I asked you to, some time ago."

#### A Real Bad Man

The superintendent paused and ground his teeth audibly, and the wicked smile came again. Then, mercifully, he was moved to turn and jam on his hat with such violence that it nearly touched his ears, and to thrash thru the door and down the corridor. Breathlessly, they heard him descend the stairs, and heard the lower door slam. Mr. Fraim relieved himself of a gasped:

"Upon my soul!"

The owner of the works smiled.

"That's one bad man, Burton!"

"Yes, and what would you have done if I hadn't been here?" the visitor cried.

"Got rid of him about five minutes sooner, I think," Anne said serenely.

"What are you doing here anyway?"

The impressive gentleman stood over

her, breathing heavily and smiling grimly.

"I came as soon as I discovered that you had waked up with that ridiculous notion in your head, Anne," he said gently. "And I landed none too soon, as it was. To think of you being alone in a place like this with a brute like that, and—"

"He didn't get across with anything, did he?" Anne demanded truculently.

Mr. Fraim sat down weakly.

"That language, and that air!" he protested. "Where on earth did you get them, Anne?"

Anne dimpled.

"Well, I've been traveling all over the country and hearing that kind of language, and if it doesn't exactly simpler, it isn't profanity either," she said contentedly. "As to the air, I absorbed most of it by spending last evening with the only Solomon Burch and his wife, Burton, and an air that has carried a man into a fortune of thirty or forty millions, and made everybody afraid of him, is the goods!"

Mr. Fraim threw up his hands and smiled his bewilderment.

"I give it up, Anne!" he said, "Come!"

"Come where?" the owner of the works asked blankly.

#### Enter Mr. Nixon

"Home, of course. You've done business enough for one day—and for the rest of your life," Fraim said impatiently, and with a touch of authority. "We'll lunch early, and then pick up Mrs. Lewis and go for a long run in the country, and—"

"Well, you pick up Mrs. Lewis and have your run," Anne said briefly. "My job is here."

"But—"

"And another thing, Burton. I appreciate your kindness, but the next time you drop in and interfere with my business here, you and I are no longer on speaking terms. I wanted to can that Marsh person, good and proper, so that he'd remember it, and you felt called upon to appear and spoil the effect."

"But, Anne—"

"If you want to help for a few minutes I'll appreciate it—and then you'll have to run along," the owner of the works said briskly. "I haven't had a chance to fire the selling force yet; will you just step down to the door marked 'Sales Department' and discharge everybody in sight, Burton? I want to glance into these books."

Burton Fraim rose slowly.

(Continued on Page 19)



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## The Orchard and Garden

BY JOHN W. WILKINSON

**M**OST of us begin work on our home gardens with the enthusiasm generated by the long anticipated release of energy which has been closely restricted during the winter months. By mid-summer, most of the joy has disappeared and, in the majority of cases, so has the garden, buried under a blanket of weeds, eaten up with insects or just naturally gone to seed thru neglect.

But the home garden properly started and attended for the first few weeks can be a thing of joy and a source of satisfaction thruout the summer. For one thing, no vegetables taste quite so sweet, nor half so tender as the products of our own garden, and they are essential to the well-arranged diet. Experts have figured that during the year, each person should eat  $\frac{1}{2}$  bushel of string beans, 50 pounds of beets or parsnips, 20 pounds of cabbage, 60 pounds of carrots, 35 pounds of greens, 50 ears of corn, 40 pounds of onions,  $\frac{1}{2}$  bushel of green peas or green lima beans, 15 pounds of squash, 30 pounds of turnips, 3 bushels of potatoes, and 55 pounds of tomatoes.

While the average home gardener will hardly be able to produce everything in that list, it is always surprising what can be accomplished when the garden layout is carefully planned, plenty of fertilizer applied, and weeds kept out by thoro cultivation.

### Cabbage and Tomato Plants

Better cabbage, tomatoes and other transplanted vegetables can generally be grown from strong plants which are bought than from plants raised at home where there is neither hot house nor hotbed. Home grown seedlings are often raised in boxes kept near a window and due to the poor growing conditions, which are likely to be found there, the plants become tall, spindling and weak and will not develop well when set in the garden. Often such plants while in the boxes are attacked by the damping-off fungus which will spread rapidly thruout the box. This disease rots off the stem of the plants at the surface of the ground, thus making them worthless.

### Vegetables for All the Year

Let's plan the spring garden so that it will furnish fresh vegetables for the table thruout the spring and summer, and also provide them for canning. Vegetables not only help to furnish the calcium, iron and phosphorus needed by the body to make it grow and keep well but they also furnish the vitamins. From experiments in feeding animals and from watching the effect of foods on the body, it has been found that vitamins are necessary for growth and development and also to maintain health. Thru these experiments it also has been found which foods contain vitamins.

We know that there are vitamins in milk and eggs and also in most vegetables. Tomatoes, botanically a fruit but used as a vegetable, and leafy vegetables such as spinach, cabbage and lettuce are especially rich in vitamins. It is better to eat vegetables than take "spring medicines." It is well to know we should have vegetables every day but the important factor is, do we practice what we believe?

### Shortage of Fruit Trees

The fact that the country is beginning to suffer from a shortage of fruit trees has been forcibly brought out with a recent survey of the Central states by Carl Sonderegger, president of one of the oldest and largest nurseries and seed houses in the Middle West.

Among the suggestions offered by Mr. Sonderegger are the following: Encouragement of farmers and private landowners to fruit growing; Nationwide protection of all orchards now bearing fruit; increased co-operation of the nurserymen in supplying the farmers and fruit growers with the very finest quality trees and plants obtainable; and the publishing of helpful and authoritative information and

facts for the benefit of farmers and fruit growers thruout the country.

The past decade has witnessed the passing of a great many orchards in the Central West, the chief reason being in many cases that they were too large to receive the necessary care. The small orchard of 1 acre to 4 acres, if properly planned, is the best paying orchard on the average farm where it is desired to raise sufficient fruit for the family needs. The farm orchard will prove a profitable and desirable undertaking to farmers if the proper varieties of fruits are planted and the trees given a reasonable amount of attention.

In a country where corn, wheat, oats and alfalfa form an important part of agriculture there can be no doubt but that fruits of nearly every kind can be grown if properly managed.

### Carrots for Beauty

Demand for carrots promises to make this plebian vegetable almost a luxury before the new crop arrives. Whether "milady" has taken to buying more carrots because some prominent specialists have recommended the eating of the vegetable as a sure aid to beauty, market specialists have been unable to decide but the fact is daily emphasized in all retail food stores that unusual quantities of carrots are being consumed, and the supply on hand this spring has been reduced to far below normal.

The carrot has been coming into its own during recent years as a table vegetable. Improved varieties and methods of production have given it added tenderness and tastiness and have extended its table use thruout the year. In late winter and early spring, when other fresh vegetables are scarce, it fills an important place in home and hotel menus.

### Cut Out Blighted Limbs

Apple and pear trees will be less likely to suffer from fire-blight during the coming season if the orchard owner will remove all blight limbs and cankers on the larger limbs or the trunk. This work may be done to the best advantage while pruning the orchard this winter.

The organisms which cause blight are held over in body cankers on pear trees and some varieties of apples such as Yellow Transparent, Grimes Golden, and some crab apples. In the spring a sirupy liquid exudes from these cankers. This liquid is alive with bacteria. Insects carry it to blossom and new shoots, thus spreading the infection.

All dead patches of bark on the trunk and large limbs should be shaved off and the wounds painted over. Blight limbs should be cut off 4 or 5 inches below the dead portion. Burn the prunings and shavings to be on the safe side.

Every farm should own a good farmer, says Henry Ward Beecher.

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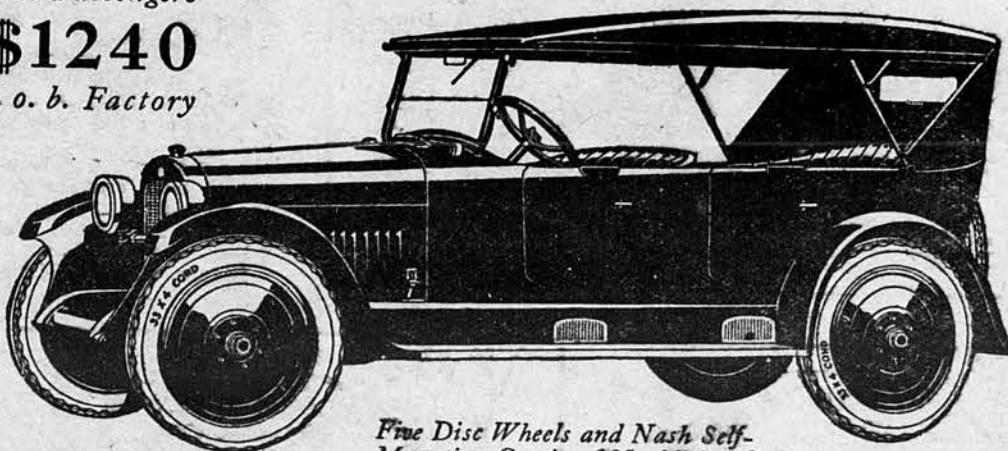
# NASH

## Six Touring Model

Five Passengers

\$1240

f. o. b. Factory



Five Disc Wheels and Nash Self-Mounting Carrier, \$25 additional

In the practical employment a farmer finds for his motor car this Nash Six touring model is proving itself well above ordinary calibre. The carburetor stove completely vaporizes the gasoline and while saving fuel also increases the volume of smooth power. The chassis frame is built with bridge-like solidity. Five great cross-members, two of tubular type, hold it rigid in hardest duty.

FOURS and SIXES

Prices range from \$915 to \$2190, f. o. b. factory

The Nash Motors Company, Kenosha, Wisconsin







## Health in the Family

### Modern Society Has No Place for Hydrophobic Pups Who Refuse to Bathe and Keep Clean

BY DR. CHARLES H. LERRIGO

AT LEAST one of our subscribers has dealings with a man who is as shy of water as a hydrophobic pup. She writes that he goes thru the whole winter without taking a bath, changes his heavy underwear only twice a month, and in the coldest weather of winter slept without removing any of his outer clothing, complaining that he could not keep warm. "Isn't it important to bathe?" asks the lady. "Isn't it necessary for health?"

Despite assertions of at least one prominent doctor to the effect that bathing is nothing but an unnecessary and time destroying habit, I believe that it is important, and am glad to make my declaration in a straightforward, flat-footed manner without any equivocation. Just what his neighbors think of this man can scarcely affect his health tho it may affect his peace of mind. They probably refer to him as "the fellow with the gosh-awful odor," or words to that effect. But please note just one point in this report: "In cold weather he can't keep warm."

The reason he cannot keep warm is because his skin is inactive. It is kept in an unhealthy condition of sluggishness the whole season, nothing to remove the dead epidermis, excepting as the matted scales are scraped off upon his hoary underwear; nothing to lift the load of oily sweat-grimed refuse that gives him a rich chocolate coating on all surfaces; nothing to quicken the circulation of the skin and stimulate its glands to action at any time. Remember that the skin is an enormous gland, that it conceals in its substance some 2 million tiny sweat glands, that all of these should be in constant function, and if they are not, the kidneys must do double work. The man may go on for years in his malodorous state, but let there come some strain upon the system that calls for special effort on the part of lungs or kidneys and this lack of skin function is a real danger. Let him beware of Bright's disease and beware of pneumonia.

Yes, I think that the individual who is as faithful to his Saturday night obligations as to those of the Sabbath has a much better chance for health. And I think that the man or woman who can make it a point to bathe and dress in fresh linen every day is not only fortunate in possessing good taste but also is laying by some years of healthful living.

#### Enlargement of the Heart

I have enlargement of the heart, and tire very easily. Can the heart be the cause of it? Can a doctor tell how bad it is, positively, by using his instrument on the chest, or some other way? I am 31 years old. Should I avoid all hard work or violent exercise?

E. M. B. K.

Enlargement of the heart is a very vague term that may mean much or little. A serious case will render a patient quite unfit for work of any kind and one of the very best forms of treatment consists in putting the patient to bed and keeping him there until the heart muscle has regained tone. Diagnosis of heart trouble generally is made by the use of the stethoscope, which carries the valve sounds to the doctor's ear. But much help also may be obtained from X-Ray plates, from a test of blood pressure and various other methods.

#### Chronic Constipation

Is there a cure for chronic constipation and indigestion? If so, what? And how long would it take to be cured? I am a married woman 25 years old and have suffered considerably in the last five or six years and have taken quite a bit of reliable patent medicines, all to no avail. These medicines act as preventives while taking but fail to cure me. I have lost 17 pounds in the last three years and am very weak and nervous and am very discouraged. Any help you can give me will be indeed much appreciated. A. W.

The indigestion may be dependent upon the constipation. This often may be cured by adding to the diet foods that leave an undigested residue and thereby stimulate the intestine to action. Bran; leafy vegetables such as lettuce, spinach, chard and cabbage; raw and stewed fruit, are chief aids.

However, a person who has lost 19 pounds in weight should realize that

there may be underlying ailments. I think that in your case, unless you get very prompt results from a change in diet, you owe it to yourself to have a very thoro physical examination that will search out all the weak spots and show you a thoro basis for building up.

#### The Rescue of Anne

(Continued from Page 16)

"Are you really going to stay here all day?"

"And all this year and next, and then some. Why?"

Her eye was all but unfriendly in its patient tolerance, and Mr. Fraim's chin rose a little.

"You're your own mistress, Anne!" he stated superfluously as he made for the door.

The proprietor of the factory had opened the books even before he disappeared. They were, doubtless, simple books and well kept, but for a moment they caused Anne's lips to part and her head to shake. That cost-book, in fact, would have to be taken home for evening study. She turned to the next, which happened to be the pay-roll and which was painfully simple, for it

held a scant threescore names, all told, and the first glance told that some, even of them, had been working on part time only. Anne Briston sighed and frowned—and Mr. Fraim reappeared, smiling oddly.

"Are they all gone?" the owner asked.

"They've been gone for six months or so, I should say," said the large gentleman. "If dust is any indication, none of those four desks has been opened in that time, at the least."

Miss Briston leaned back.

"Didn't you find anybody to fire?"

"There are two kid clerks and one old man, who says his name is Kelvey, in the cashier's office—that's all. I looked. The three girls out there are pounding away as if their lives depended on it. They must have something to do."

"I'll find out later," Anne said absently. "Going now?"

"No! I—"

"I wish you would go, Burton, and attend to a few errands for me. I'd like to have everything working nicely today, if possible."

"Eh?"

"You know a lot of people, Burton. Find out the best employment agency in town for me, and then go to it and engage a complete new office force, will you? I want a good general manager. I'll give him seventy-five hundred this year and ten thousand next, if he comes up to the mark. Then I'll need a first-class office force, except for the cashier—I'll keep Kelvey as a souvenir, because he's been here since the works were built. I want a par-

(Continued on Page 24)

#### "The Rainy Day Pal"

TOWER'S  
FISH BRAND

#### Reflex Slicker

is the wet weather service uniform for the regular men who make every day count.

A.J. TOWER CO. BOSTON

#### Clear Your Skin With

#### Cuticura

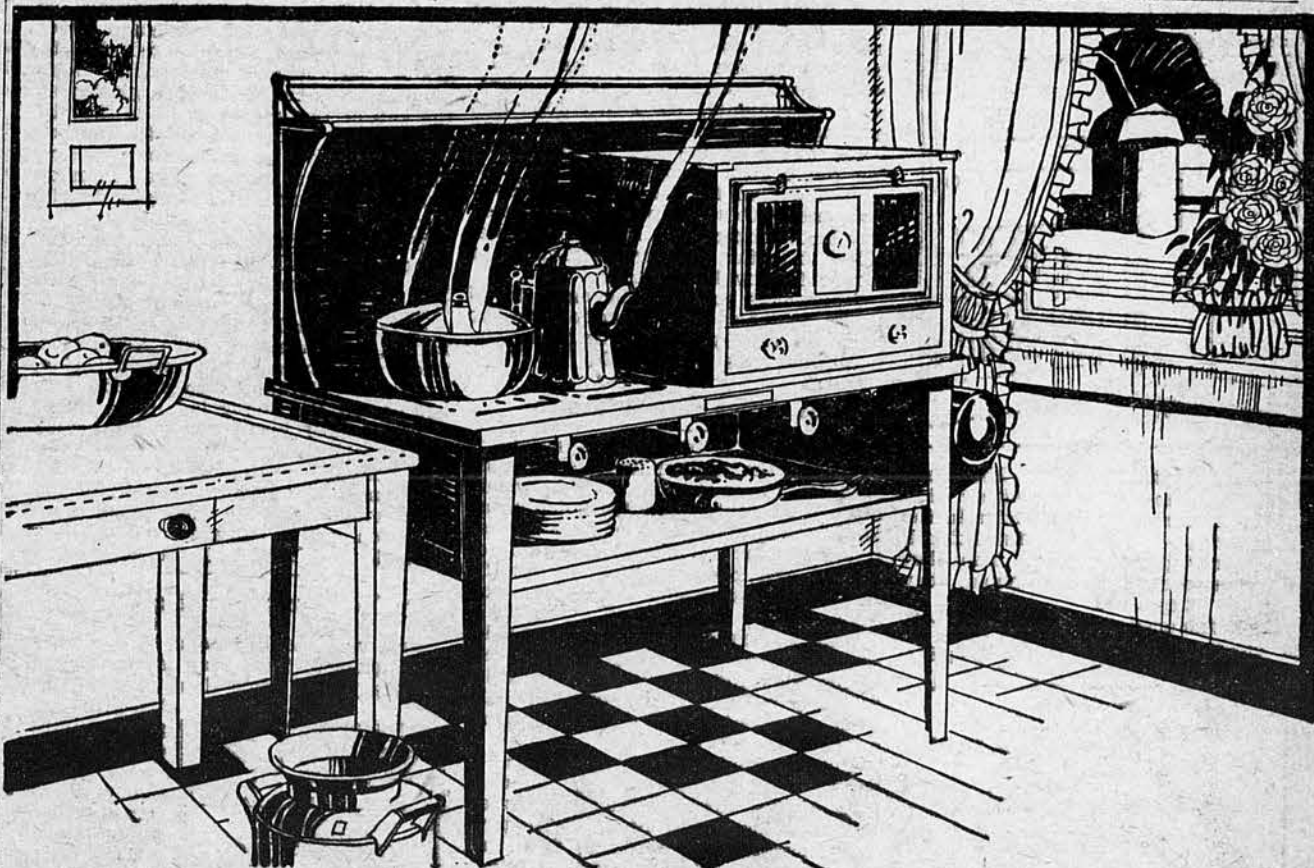
Soap to Cleanse  
Ointment to Heal  
Absolutely Nothing Better



#### Free for Testing

A pair of Mated Everbearing Strawberry Plants Free if you will report your success with them. Bear big crops berries and blossoms on a single plant in Sept. Send 10 cents for mailing expense or not as you please. Catalogue of WARD'S - BLIZZARD BELT Fruit, Ornamentals, Potted Plants, Winter Flower Baskets, etc., FREE. One dozen genuine Progressive Everbearing Strawberry plants mailed at planting time for 50 cents or 4 dozen for a dollar, if ordered now.

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



This safety test proves the safety of the Kitchenkook. The illustration is a reproduction of an actual photograph made while the stove was burning.

Your copy of the Kitchenkook folder, showing the complete line and telling all about them sent on request.

## See the Kitchenkook first

Before you buy any cook stove be sure to see the faster and more economical Kitchenkook. It's entirely different, the greatest improvement in liquid fuel stoves in years.

The Kitchenkook makes its own gas from common motor gasoline, producing a clear blue flame free of smoke and soot and hotter than city gas—50 to 100 percent faster than ordinary oil stoves by actual test. One or all

burners going full speed in less than two minutes after lighting. Has no wicks or chimneys; nothing to burn out, no odor. Unusually simple to operate; durable, easily kept clean.

Kitchenkooks are made in several styles to suit all requirements at surprisingly low prices. There is a Kitchenkook dealer near you who will be glad to demonstrate the superiority of this better stove in your own home.

AMERICAN GAS MACHINE COMPANY, Inc.  
35 Clark Street  
Albert Lea, Minn.

ALBERT LEA  
**KITCHEN KOOK**  
THE IDEAL COOK STOVE

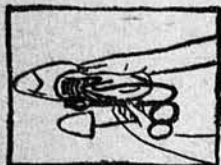


# Our Kansas Farm Homes

Mrs. Ida Migliario  
—EDITOR—

## The Up to Date Way is to Hang Up Your Shoes

ANOTHER convenience has been added to our list for keeping the closet in order. Here is a most satisfactory way to solve the problem of keeping shoes off the closet floor. Then the floor may be dusted without having to move around all of the shoes that are often carelessly strewn in the closet.



This meritorious hanger not only keeps the shoes in shape but keeps pairs together, makes it easy to get at the pair you want and helps to preserve a slightly wardrobe. These shoe hangers may be purchased in a size for women



and a larger size for men. The hangers fit all sizes of shoes, either high or low. You may have a choice in the tips selecting either the natural finish or a dainty pink or blue. The shoe forms are inserted in both shoes, then hung on the rod which is fastened on the closet door. A new principle of this shoe hanger is the curved spring pressure on the arch.

Audrie Myers Guild.

### The Promise of April

To garden lovers April is the happiest month of all the year. Everything is waking to new life. With the swelling buds all the unpleasant memories of last year's disappointments vanish. We forget that last year the cut worm got into the aster bed; forget that the roses were not sprayed early enough and were blighted; forget that the drouth and the mildew did their worst; we put all these unpleasant things behind us, and see only the garden of this year where everything is going to flourish and every seed germinate.

And it is April that brings this delightful anticipation of success. But in forgetting all these things there are some things to remember, too. We must secure our seeds from reliable houses so that we may be absolutely sure of their freshness and quality. We must not use any seed left from last year, because while these will germinate, the blooms from them will be likely to be imperfect and of poor quality.

The ground should be worked very fine before planting the seeds, and it should be warmed thru before they are put in. Nothing is gained by planting new seeds in cold soil. All seed such as flowering bean, sweet pea, nasturtium and all those having a thick skin should be soaked over night in cold water. This softens the skin and prepares the seed for quick germination. The seeds should be

sowed rather thickly to allow for those which may not germinate. When the young plants are 2 inches high we may thin them out so that they may have breathing space.

Coal ashes sifted fine and worked in about the delphinium and larkspur roots will protect them from the grub worm, and it is wise to do this early in the season.

Bonemeal is better as a fertilizer for this class of plants than manure, for if this be allowed to touch the roots it is as fatal to them as to the lily bulbs.

Anna Deming Gray.

### Homemade Soap is Pure

There is no doubt but that some of the commercial soap on the market is made from grease unfit for the purpose. Did you ever stop to think of this when you realize how intimate a contact soap has with every part of one's body?

A reader writes, "I had no way of knowing the pure from the impure soap. I did not like to feel that perhaps my children's clothes were being washed with soap made from unsanitary ingredients, so I decided that making soap from waste grease at home would be one way of safeguarding the health of my family."

"I now find that this domestic soap not only gives complete satisfaction but lasts longer than store soap. Besides, it is far cheaper and I am not afraid for my little ones."

Homemade soap can be made in 15 to 30 minutes from direction on the back of the lye label, or from the manufacturer's recipe book.

### A Sweet Sure to Please

Since most children crave sweets, it behooves the mother to include such foods in the diet. To do this wisely often is a problem, for too much sugar is detrimental to the youngster in that it crowds out an adequate amount of muscle and bone building foodstuffs, such as milk, green vegetables and eggs.

Raisins may be used to make wholesome confections. That is why this recipe for candy circles is a favorite in many homes. Grown-ups and children alike enjoy this fruity sweet as an after-dinner hand-out.

Put 1 pound of seedless raisins, ½ pound of dried figs and ½ pound of nut meats thru a food grinder. Sprinkle the bread board with powdered sugar and knead the fruit and nut mixture on this. Roll ¼ inch thick and cut with a small biscuit cutter. Dip every circle in powdered sugar, wrap in oiled paper and store in a covered box or fruit jar. One of these circles in the school lunch pleases almost every child.

Mrs. Nell B. Nichols.

### Boy Has Mechanical Mind

Down in Coffey county, 12 miles from Burlington, lives Harold Kooker. He is a lad of 17, but altho he has lived on the farm, he is not a sturdy country boy. A weak heart, and siege of "flu" combined to make him almost a "shut-in." But Harold has a brilliant mechanical mind, and every day that he is able to be about, he spends hours upon his marvelous mechanical toys.

Truly they are marvelous. He has a miniature threshing outfit that lacks only the crew to be absolutely complete. All of the parts are there; the separator has not a bolt or a screw missing. A model engine, fitted with clock-works, can be connected to the separator by a belt, and the whole outfit will travel. Any farmer would chuckle over the miniature binder, so perfect is it in every detail.

There is an automobile, a coupe. The doors open with springs, the steering wheel turns the car; a visor shades the chauffeur's eyes, and a

trunk rack provides for luggage. There are bumpers front and back. Lift the hood and you can see the engine in perfect detail; turn the car over, and the view is so identical with the one you see when you have to crawl under your own "tin Liz" that you instinctively reach for a wrench to locate the trouble.

Other lesser toys are there, the creation of these gifted hands. Harold

LET us fold away our fears  
And put by our foolish tears,  
And thru all the coming years  
Just be glad.  
—James Whitcomb Riley.

made doll furniture to fill orders from a Wichita toy shop this Christmas. But it is in the mechanical field that he is most at home.

When you mention school, his eyes grow wistful. Last fall he begged so hard that his parents consented to let him try it again. He entered the 7th grade. At the end of the first week he was promoted to the 8th grade; at the end of the second week to the 9th grade. But before the month was out he had to give up school for rest and hand-work at home. The Popular Science magazine is his chief inspiration.

Harold's mother was Jennie La Rue, a graduate of Baker University. She and Harold make their home with Mrs. La Rue, her mother, on a 40-acre farm near Halls Summit. Harold's father, who has patented several electrical appliances of his own invention, works in Colorado. The altitude does not permit the young lad living there.

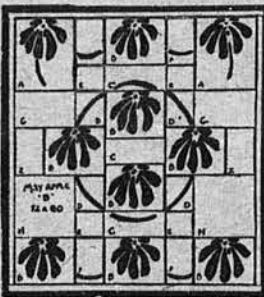
The future years may hold health for Harold Kooker; but at least they will hold fascinating work, so long as his hands can execute the will of his keen mind in such mechanical construction as he already has accomplished.

Mrs. A. R. M. Pearson.

### Are You Quilting This Spring?

Are you making some new quilts this spring? This May Apple design is very pretty when done in applique.

We have the pattern with every petal labeled so that you can arrange the colors easily. With the pattern are to be found four quilting patterns should you wish to piece the quilt. Complete instructions for making both a 72 by 81-inch and a 90 by 96-inch quilt are included. The price is 15 cents. Order from the Fancywork Department, The Kansas Farmer and Mail and Breeze, Topeka, Kan.



May Apple Quilt

### Today's Etiquette Problems

Personality is a big word with a big meaning. Poise is a little word but it, too, has a big meaning. Poise means just enough of self confidence. People of poise never seem to make a mistake, always to be sure of themselves no matter where they are or what they are doing. One thing that has helped them acquire poise is their knowledge of the little points of every day etiquette. Most of us meet problems of etiquette that puzzle and confuse us. Our little book, "Today's Etiquette," solves these puzzles for us. It tells how to write and accept invitations of all kinds. It tells us what to do when we have to introduce people. It gives the rules of table et-

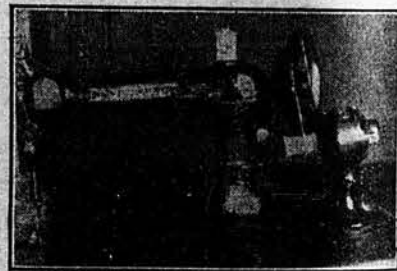
quette, of etiquette in church and theater.

We have two books written for folks who are planning entertainments. "Red Letter Day Parties," and "Fun Making Games," are their names. Detailed directions are given for playing all of the games. Our book "Club Day Activities," was written especially to help the club woman. "Farm and Home Mechanics" will be of interest to the man of the house, and there's a big laugh in every one of the "Stories by Truthful James." Our newest book is, "The Baby and Its Needs," by Mrs. Velma West Sykes.

The price of each book is 15 cents or any four may be obtained for 50 cents. Please give the name of the books when ordering. Address the Book Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.

### Electrifying the Sewing Machine

A small fan motor was used to run the sewing machine illustrated by removing the fan and substituting a small spool for the drive wheel. In this case the motor was heavy enough to remain in place without anchoring



it to the top of the machine. If your motor is too light, a good way to attach it would be to glue a round wooden slab to the base with a bolt with the head countersunk in the top side.

A hole thru the top to take the protruding bolt and a wing nut to be screwed on the under side would hold it rigid. By elongating this hole slightly a means would be provided for taking up any stretch in the belt. The belt in this case was a heavy cord with the ends carefully spliced together.

Another good way to form such a belt is to cut a round leather belt to the required length and connect the two ends by means of a short coil spring turned onto each end. Such a splice will not pull, and it provides a slight "give and take" that makes it unnecessary to move the motor.

Dale R. Van Horn.

Success gained by evil methods is the deepest failure. It not only hurts the man who reaches it wrongly, but it also hurts those who look on and admire it ignorantly.

### Kitchen Lure

Sometimes I long for the mountains,  
And sometimes I want the sea,  
But the spot of all creation  
With the deepest lure for me  
Is my four-walled, tiny kitchen,  
A small world within itself  
And I find a realm of romance  
Even on the pantry shelf.

There's a jolly, fat old pitcher  
With a mixing bowl of blue,  
There's a stove that's warm and cozy,  
And a kettle, shiny, new,  
There's a snow-white heap of sugar  
And a regiment of spice,  
And a rosy cheeked tomato  
And perhaps a bit of rice,  
There's a tulip, flaming, scarlet,  
On the ivory window sill,  
There's the checkered gingham curtain,  
Spick and span, without a frill,  
And the dishes' friendly faces  
Radiate the best of cheer  
While a crowded laundry basket  
Tells me ironing day is near,  
And happy thoughts and cheerful  
Come trooping in a throng,  
When the little tin teakettle  
Bursts into a homely song.

So altho I like the mountains  
And the mystery of the sea,  
My tiny, white walled kitchen  
Has a lasting charm for me.  
—Rachel Ann Neiswander.



# Clothing the Youngest Set

Simple and Dainty Garments Mark the Well Chosen Wardrobe Even for the Baby

BY MRS. HELEN LEE CRAIG



1990—Four Patterns in One. In this pattern there's a dress, a comfy petticoat with wide armholes that will not bind and a long kimono or sacque. One size.

1988—A pretty set for an infant is shown which consists of a dress, coat, cap and a pair of booties. One size.

1989—Set of Long Clothes. A comfy night gown, a dress, a cape and bib are included in this pattern. One size.

1991—This infant's set consists of a

dress, petticoat, diaper drawers and shirt. One size.

2008—Doll's Set of Clothes. A romper with long or short sleeves, an envelope chemise, coat and smart hat make up this set. Sizes for doll 16, 18, 20, 22 and 24 inches high.

These patterns may be ordered from the Pattern Department, Kansas Farmer and Mail and Breeze, Topeka, Kan. Price 15 cents each. Embroidery patterns are 15 cents extra.

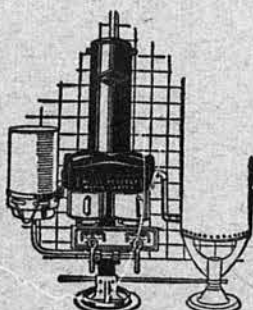


## Boils Ham — and Everything



### Send for Refrigerator Bowl

You may have this refrigerator bowl with cover, if you will send 15 cents in coin and your dealer's name. You will find it useful for storing foods. It is made of famous blue-grey Nesco Royal Granite Enamelled Ware.



Two powerful Nesco Burners and the patented Preheater Head make this new device, approved by the Good Housekeeping Institute, a necessity in every home that has or can have running water. Write for circular.

A well-boiled ham is a delicious dish. Done perfectly on a Nesco Perfect, then browned in the oven on the same stove, it is a food fit for a queen. You can also boil pot-roasts, corned beef, potatoes, and all kinds of vegetables.

Foods are easily prepared in any inviting way. On this wonder stove you can bake, fry, roast, preserve, broil, and toast with equally certain, satisfactory results. Its powerful Nesco Perfect Burner with the famous Rock-weave Wick produces an intense, clean, clear blue, air-fed flame that rises thru the grates to the bottom of utensil, oven or wash-boiler.

The Nesco Perfect Oil Cook Stove is now made in seven serviceable styles, at prices easily within the reach of all. Send for our beautifully illustrated book, "A Perfect Servant in Your Home."

Address: National Enameling & Stamping Co., Inc. Advertising Department, Section 35 Milwaukee, Wis.

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## NESCO PERFECT OIL COOK STOVE

**KITSELMAN FENCE**  
"Saved 15¢ a rod," says Charles Atwood, R. S. Lebanon, Kan. You, too, can save. We pay the freight. Write for Free Catalog of Farm, Poultry, Lawn Fence. KITSELMAN BROS. Dept. 61 MUNCIE, INDIANA

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"Saved \$25" says L. R. Leamer. New low prices Farm, Poultry, Lawn Fence. Barbed Wire, Gates. Direct to User. We pay the freight. Catalog Free. Interlocking Fence Co. Box 635 Horton, Ill.

### Women's Service Corner

Our Service Corner is conducted for the purpose of helping our readers solve their puzzling problems. The editor is glad to answer your questions concerning house-keeping, home making, entertaining, cooking, sewing, beauty, and so on. Send a self addressed, stamped envelope to the Women's Service Corner, Kansas Farmer and Mail and Breeze, and a personal reply will be given.

#### Destroying Silver Fish

Small, moth-like insects have infested a bookcase filled with old books. Is there anything we can do to destroy them?—Grace R.

Very likely the insects you have noticed in your bookcase are silver fish. To destroy them, spray pyrethrum powder, or sodium fluoride on the shelves and around the covers of the books.

#### About Depilatories

Will the preparations for removing hair irritate the skin and does the hair come back? Please tell me the names of some that you consider reliable.—Miss G. K. L.

There are several reliable depilatories on the market that will not irritate the skin if they are used according to directions. But they do not remove the hair permanently. The only way this can be done is with the electric needle which should be used only in the hands of an expert. I cannot print brand names in this column, but if you will send me a stamped, addressed envelope, I will be very glad to send you the names of reliable depilatories.

#### Self Rising Sponge

Will you please print a recipe for the old-fashioned self rising sponge for making bread?—Mrs. C. M. W.

This is the method of making self-rising bread as it was used when it was difficult to get satisfactory yeast.

1 cup milk 1-tablespoon sugar  
2-tablespoons white 1-tablespoon butter  
cornmeal Flour  
1-teaspoon salt

Scald the milk. Allow it to cool until it is lukewarm, then add the salt, sugar and cornmeal. Place in a fruit can or a heavy crock or pitcher surrounded by water at 120 degrees F.

Water at this temperature is the hottest in which the hand can be held without inconvenience. Allow the mixture to stand 6 or 7 hours, or until it shows signs of fermentation. This leaven contains enough liquid for one loaf. If more loaves are wished, add 1 cup of water, 1 teaspoon of salt, 1 tablespoon of sugar and 1 tablespoon of butter for each additional loaf. Make a soft sponge by adding a cup of flour for each loaf to be made. Beat thoroughly and put the sponge again at the temperature of 120 degrees F. When it is very light, add more flour

THING of beauty is a joy forever;  
Its loveliness increases; it will never  
Pass into nothingness, but still will keep  
A bower quiet for us, and a sleep  
Full of sweet dreams and health  
and quiet breathing.  
—Keats

gradually until the dough is so stiff that it can be kneaded without sticking to the hands or to the board. Knead 10 to 15 minutes, put at once into the pans, allow to rise until about two and one-half times its original bulk and bake. Self-rising bread never is so light as the bread raised with yeast. A loaf made with 1 cup of liquid, therefore, will not come up quite to the top of a pan of standard size.

#### A Stuffing for Onions

The onion is a vegetable that most of us have in our cellars but we often hesitate to serve it because it is more or less unpopular with people in general. However, no one could object to the onion if it were stuffed with a well seasoned mixture of cracker crumbs, celery and green peppers. Dot with butter and bake until the onions are a golden brown. This dish is especially pleasing if served in a glass baking dish.



## Get Action On Purebreds

Land Owner Wants Shorthorns. A Breeder Desires Partnership With Tenant

BY T. W. MORSE

**P**LANs for handling purebred livestock on the shares are like house plans, no one plan will meet the requirements of very many people.

Following the publication, February 23, of the first, second and third prize plans submitted as a result of a subscriber's inquiry some time ago, we received a request for a plan that would meet the requirements of a tenant. The writer wasn't the tenant. He owns the land. He also owns Shorthorn cattle. He would like to have a tenant on his own land get interested in raising Shorthorn cattle as the best means of profiting on his pasture and farm crops and of maintaining the fertility of the soil. He wants a working plan which would encourage the tenant and be fair to the owner of the land and cattle.

From the tenant's standpoint this is a good time to start, as it may be many years before the relationship between the price of labor and the price of Shorthorns will be anywhere nearly

(b) A pays for registering calves.  
2—(a) Calves are to be divided equally at weaning time.

(b) Calves belonging to A remaining with B after weaning, B to have one-half interest in increase in value.

(c) Calves too young to wean at expiration of contract belong one-half interest to each party to the contract, satisfactory settlement to be made on them.

3—B to provide all pasture, feed and labor.

4—(a) If calves are shown, transportation and entry fees are to be paid by A. Premium money is to be divided equally.

(b) If calves are to be sold in a sale instead of dividing them A pays sale expense and divides the proceeds equally.

5—Service fees of bull for outside use are to be divided equally.

6—Death loss or unsatisfactory breeders in the original herd should be replaced by A with stock of like quality during the time the contract is in force.

7—Any loss on undivided stock falls on both contracting parties.

### Sixth Prize Plan

BY CHARLES C. YOUNG  
Paola, Kan.

Party of the first part (A) supplies to party of the second part (B) 15 registered Shorthorn cows worth \$200 a head and 10 registered yearling heifers of same stock worth \$120 a head and one registered Scotch Shorthorn bull worth \$500, and to pay taxes on same during this lease and to share equally from sales of produce of herd after taxes, registration and transferring fees are paid.

All calves not old enough to wean at termination of lease shall be appraised by disinterested parties and allowed to go with dam by A paying B one-half the appraisement A to replace any of original animals with like kind that may get lost or crippled during this lease and at termination of lease A is to give B one-fourth the original herd or one-fourth the value at beginning of lease which is \$1,175 for extra work in caring for herd. B shall provide all feed, labor and equipment and use due care to prevent accidents but shall not be responsible should anything occur to original herd, but shall share equally with A any losses that may occur to produce and to have the use of all milk not needed to grow lousy calves. At the end of this lease this herd should have produced at least 75 calves and if sold as yearlings at an average of \$100 a head, this gives both parties \$3,750 each. Deduct \$1,175, one-fourth of the herd or one-fourth of the original cost of herd that he gives to B at the end of lease leaves A \$2,575 profit on \$4,700 for three years, is a little over 18 per cent annual profit. Taxes would not cut this more than 2 per cent. B gets from sales of yearlings \$3,750. Add to this \$1,175 which is one-fourth of the cost of herd which he gets at end of lease, this gives him a profit of \$4,925 which is somewhat more than 18 per cent profit a year for the three years on \$9,000 worth of land and equipment to maintain herd. Taxes will cut this not more than 2 per cent. They are likely to do better than this.

### New Hog Bulletin

Castration of hogs under various conditions is described in detail in a new Farmers' Bulletin, No. 1357, by S. S. Buckley, just issued by the United States Department of Agriculture. Besides giving directions for the ordinary operation, this bulletin gives the procedure for ridgelings, for spaying sows and for operating on ruptured pigs. A number of illustrations help to make the methods easily understood.

Copies of the bulletin may be obtained without cost, as long as the supply lasts, by addressing the Department of Agriculture, Washington, D. C.

For the soil's sake, sow soybeans.

### Mr. Payne Wants Shorthorns

To the Kansas Farmer:

Do you know a Shorthorn breeder who will let me have cows and heifers on a plan such as you printed in the issue of February 23? I would like to get in touch with him so as to prepare for the necessary feed. We are farming 240 acres and have plenty of alfalfa.

C. E. Payne.

Peabody, Kan.

so favorable as now, to the man who cares for the cattle. Not only will many owners, but likely, also, many tenants, be interested in plans to fit such a case, and suggestions will be welcomed.

The following plans are not in response to the new request, but are prize winning plans, in addition to those already published, in the contest referred to in our story on February 23.

### Fourth Prize Plan

BY RAY H. CADWELL  
Winfield, Kan.

Let A be the man taking the cattle to care for and B the man supplying them.

Let the cattle be insured and appraised as to value. Let A pay B 10 per cent interest or whatever interest rate could be agreed upon for the term of three years.

Let A buy the bull, consulting with B as to the best animal for their purpose.

Let the cattle be appraised again at the end of three years and let A pay for the depreciation, taxes, insurance and for feed and care.

Let A keep all calves or sell what he likes as he sees fit, but let him sell none of the original cows without consulting with B and paying him for them. Let this, in short, simply be a loan and A feel the right of possession of all offsprings, giving back to B the original cows with depreciation and interest and giving B a high enough rate to compensate him on a deal of this kind.

My reason for this plan is this: It gives A the feeling of personal possession and a right to do as he sees fit and would therefore give him the feeling that he was taking care of his own stuff rather than anyone else's.

If B was willing to let A take 15 cows and 10 yearlings of any plan, he ought to feel as safe on this as any.

### Fifth Prize Plan

BY J. RUSSELL WALTERS  
Jetmore, Kan.

1—(a) A to provide cows and heifers and herd bull, they to remain his property and he to pay the taxes except one-half interest in increase in value of heifers which goes to B who pays taxes on his share.



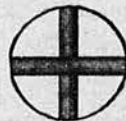
## Good Fences

One of the greatest needs on the farm today is the inclosing of fields with good wire fences, permitting scientific crop rotation and better stock raising. Good fences are always an investment.



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—is made with the "Columbia" Hinge-Joint that grips with grit, forming strong, flexible stays from top to bottom of the fence. "Columbia" Fence is made of full gauge wires, heavily galvanized. It is an effective fence that gives long and satisfactory service. Made in standard farm and poultry styles.



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—is one of the most widely used stiff-stay fences on the market. The full length stay wires are inseparably welded to the line wires by the electric welding process which we have perfected by more than twenty years of manufacturing experience. "Pittsburgh Perfect" Fence is strong and durable; made in many farm, poultry and lawn styles.

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Household Magazine, Dept. 68, Topeka, Kan.



## Letters Fresh From the Field

**F**ARMERS are urged to make free use of this page to discuss briefly any matter of general interest to rural communities. Make the articles short and snappy. Address all letters intended for this purpose as early as possible to John W. Wilkinson, Farm Letter Department, Kansas Farmer and Mail and Breeze, Topeka, Kan.

### Finds Sheep Profitable

Why do not more farmers raise sheep? For me they have proved more profitable than either hogs or stock cattle. In the fall of 1921 I bought 30 ewes at \$4 a head. I wintered them on silage and some alfalfa and fed them about 1/2 pound of grain a head a day. I raised 43 lambs and sold 30 of them at \$6 apiece. The wool paid for their winter's feed.

The next fall I kept 35 ewes and raised 47 lambs. Sold 38 of them in June at \$9 apiece, and the wool from the ewes averaged \$4 apiece.

This year I have increased my flock of ewes to 83, by trading cattle for sheep, and already have saved 91 lambs and have 14 more ewes that will have lambs this spring.

They require close attention at lambing time, and good ordinary feed thru the winter, and during the rest of the year will take care of themselves, with this exception: They must be put in a lot near buildings at night, to protect them from wolves and dogs.

David Ancel Perry.

Bronson, Kan.

### Congress Should Help Farmers

We are told thru the newspapers that the Government can't help the farmers, and that they will have to help themselves. Why can't the Government help them? It spent about 1,700 million dollars helping the railroads and then guaranteed them 5 1/2 per cent net profit, that is 5 1/2 per cent on their stock, water and all, not first on their tax assessed valuation, and that regardless of how much wages and salaries and running expenses they paid and regardless of how little service they gave us.

Now if the Government would spend 1,000 or 1,500 million dollars on our 2 million bankrupt farmers, and then give farmers a 5 1/2 per cent net profit like it does for the railroads, wouldn't the farmers be "sitting pretty?" I guess they would. Just about as "pretty" as the railroads are. Why doesn't the Government do that? Is railroad service more important than bread and meat? The Government seems to think so, or it would do something for the farmers besides lend them more money to get them deeper in debt.

O. J. Fryar.

Burton, Kan.

### Catalpas for Overflow Lands

Having some low, heavy soil in a bend of the creek that was not suitable for most crops, we decided to try planting catalpas there. About 20 years ago we put out 2,000 trees that were 12 to 24 inches in height and practically all of them lived.

A year or so later we put out another 2,000 trees and later, the same number again. These later plantings proved to be the scrub variety and finally died. The rabbits attacked the young trees, peeling the bark and eating the sprouts.

After trying various devices to stop this we found that painting the trees with coal tar heated sufficiently to spread with a paint brush, proved effective. These trees now are about 40 feet in height and make four good fence posts each. They would make good telephone poles.

We are satisfied with the experiment and have found the enterprise a profitable one.

Mrs. C. E. Toothaker.

Hoxie, Kan.

### Eliminate the "Scrub Stuff"

Many states and counties are introducing bills, passing laws, and otherwise working to eliminate scrub bulls, boars, rams and stallions and to substitute purebred, healthy sires, thus insuring better, stronger, hardier and more uniform livestock. Yet in every community are men and women—mentally defective, diseased, criminal and vicious—who are allowed to marry and bring forth children for the state or

county institutions—the poor houses, insane asylums, reform schools and jails to support and care for.

Earnest, educated, sincere men and women are behind the movement for better livestock. Why not initiate a Nation-wide drive to eliminate the "scrub stuff" of the human species by instituting physical and mental examinations before marriage licenses are granted? Mrs. E. E. Walker.

Redmesa, Colo.

### Two-Row Cultivators Satisfactory

A letter from Soldier, Kan., says that the writer remembers our buying a two-row cultivator last spring. He wishes to know what success we had with it, what planter has to be used in connection with it, and what it will cost. The cultivator in question is made for listed corn only and is a type called in other localities by differing names, such as "curlier," "go-devil," and the like.

Ours is one of the latest make and is a success for the first two cultivations or until the corn gets above knee high. It is very flexible and the rows can run almost any way and the machine will follow them.

However, the corn should be planted

by something that puts the seed in the middle of the furrow. A common two-row planter does not always do this when the rows are not spaced right. For that reason a drill planter used in connection with the lister is best, altho we made our cultivator work following a regular top planter. This cultivator cost us \$70 and is pulled by four horses which handle it easily. For listed corn I would not consider being without such a two-row cultivator.

Gridley, Kan.

Harley Hatch.

### Loans Help in Many Ways

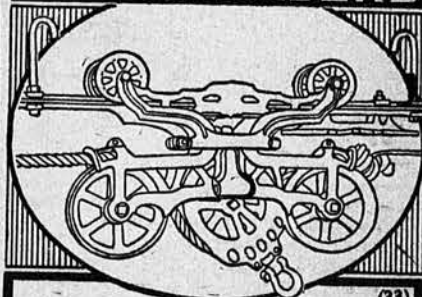
I have been farming 31 years and during that time have borrowed a good deal of money, in fact I haven't been out of debt for any great length of time. I started with nothing but a team of horses in 1893 and worked out for \$1 a day, when I wasn't busy at home, to make ends meet. I now have 160 acres of Nebraska land not far from Lincoln with \$4,000 against one 80, but we have raised a large family, too. That isn't much, but am satisfied.

I realize that good credit has been a big help to me. One can do many things with credit that would be impossible otherwise. For instance, I have borrowed money to buy corn to feed hogs when short of corn, and have borrowed money to buy hogs to feed up my corn, when short of hogs.

L. A. T.

Power farming fits in well with a wheat, feed and moisture rotation.

## MYERS HAY UNLOADERS



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## Capper Pig Club News

### Luck in Raising Purebred Hogs But Success Comes From Carefully Planned Work

BY RAYMOND H. GILKESON  
Club Manager

**L**uck is a peculiar thing. Whenever we have success with some of our work we call it luck. In the hog business there is some luck, about 10 per cent. The other 90 per cent is due to careful selection of stock and giving that stock proper care and proper feed.

It is luck when a club member finds a fine, large contest litter, but right there is where the luck stops and actual work counts. From the time the pigs arrive until they are turned into cash it is up to the club member to win or lose. No detail is too small to receive attention, and the club member who remembers that and plans his work ahead isn't going to come out on the losing end of the game.

#### Right Start Means Everything

Getting the right start means everything, and this year we have the right start. All club members have entered purebred hogs and have a right to believe they are on the right track. Old, experienced breeders tell us that good foundation stock is half of the business.

It is to be expected that every club member would be eagerly waiting to see how many pigs his contest sow brought. From reports in the form of letters received we can safely say that club work is going to amount to something this year. Here is a letter from Dean Reddick, Osborne county: "My sow farrowed March 19, having nine pigs and we have saved seven so far. These surely are fine pigs, and I don't think they can be beat."

Merle Crispin, Jewell county, another new member, reports that his sow brought 11 pigs and saved seven. Too bad the other four couldn't have been saved, but with seven Merle has a mighty good chance to make a high record this year. Perhaps some of the old club members remember that last year the average number saved to the litter was eight. As soon as possible we will figure up the average number this year, and then by comparing records we can make a good estimate as to what we will do in the contest work this year.

#### Good Reports from Republic

Glenn Segrist, Republic county, reports a litter of eight pigs and all saved. This is the second year Glenn has entered the same contest sow and he is expecting the pigs to show some type. Harold Krehbell, McPherson county, writes, "My sow farrowed 12 pigs and saved nine. Those I have left certainly are doing fine."

Be sure, club members, to report to the club manager when your sow farrows, or send any other news of interest about your work. We all are working to make good this year and perhaps something you learn will be of value to others. Also, until we can get together our letters must serve to get us acquainted. Perhaps you don't think what you have to say amounts to anything, but give us the benefit of the doubt and send any news you have.

Just a few more days until all sows must be entered in the contest and record keeping begun. So far each member should have sent in a contract, and by April 15 you should have an entry blank to send to the club manager. Immediately after sending in your entry blank you should receive a contest record book, and if you don't receive one, please write the club manager.

#### Don't Forget the Pasture

Sorry to report that two club members lost their contest sows and one member reports that he lost all the pigs his sow farrowed, due to a heavy snow and cold weather. However, that same club member is making plans to enter another contest sow and he is determined to win. The boys who lost their sows will get paid out of the insurance fund, but the member who lost all his contest pigs just has his grit to help him over the rough place. A person who has enough grit to stick to a job will win. By the way, don't forget to insure your contest sow when you enter her and start record keeping. There is no need to run the risk of loss when club insurance that will protect you is available.

Perhaps the one thing that should receive attention during April is providing pasture for the sow and pigs. They need exercise and they certainly need pasture. Rape and Sudan grass serve well for this purpose, but other pasture crops will do as well. Perhaps your father will let you fence off a part of his pasture especially for your pigs. Be sure to provide plenty of fresh, clean water at all times. Perhaps your pigs will not get out on pasture before May. Along at that time comes the problem of weaning, too. If you provide creeps for the pigs you will have the best plan. Don't forget about re-breeding your contest sow for fall pigs. The second litter will be handy when it comes to adding profit to your year's work.

There are special things that should receive attention each month in this contest work, and thru our club department you will receive instructions along that line. Don't hesitate, however, any time you have a special problem to write for help. Perhaps one of the best things to do is to send to the U. S. Department of Agriculture and ask for their list of bulletins on swine management. You can start a little library of your own with these valuable bulletins and you will have something well worth studying. Your business takes as much study and planning as any other, so don't neglect to gain all the information you can about it.

#### The Rescue of Anne

(Continued from Page 19)

ticularly good advertising man. Tell him to bring his ideas with him and get here right after lunch, if possible—and a sales manager that's all ginger and doesn't know how to sleep. Get me?"

"I get you, Anne!" Fraim said grimly.

"Go to it!" said the owner, turning back to her desk.

For a little, when he had stumbled uncertainly into his coat, the impressive person stood at her side, his lips working.

"Anne!" he exploded then. "I think you're insane!"

"I don't mind, Burton," Anne said, smiling patiently. "Will you do those things for me, or must I do them by telephone?"

The uninvited visitor nodded and turned away with a jerk, and then paused. New steps were approaching up the corridor—a lighter tread than Marsh's, but one just as steady. They stopped at the door, and the unseen one knocked sharply, waited for the word, and entered.

On the threshold he paused for a second or two; then he shot a keen glance at Miss Briston, and marched doggedly to the desk. The folded sheet of paper in his hand he laid silently before her—and wheeled about in almost military fashion and started for the door once more, even as Anne cried:

"Who are you?" "Nixon," the stranger stated, over his shoulder. "Assistant superintendent."

"And what is this thing?" "My resignation," said the novelty, passing thru the door.

"Voluntary?" cried Miss Briston.

"Certainly."

"Wait!" called the owner of the works. "Wait."

(TO BE CONTINUED)

#### Help in Apple Growing

Here are Farmers' Bulletins on apple growing: No. 938, Bitter-Rot of Apples and Its Control; 1160, Diseases of Apples in Storage; 1270, Important Apple Insects; 1264, Manufacture of Unfermented Apple Juice; 722, Leaf Blister Mite; 1284, Orchard Renovation; 1120, Control of the Powdery Mildew; 1080, Preparing Apples in Barrels for Market; and 662, The Tree Tent Caterpillar. These bulletins may be obtained free on application to the United States Department of Agriculture, Washington, D. C.



## In the Dead of Night

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# Some Handy Farm Devices

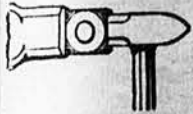
Anyone Who Knows How to Handle a Saw and Hammer Can Easily Make These Articles

BY FRANK A. MECKEL

**M**ANY simple and useful articles that will save time and much labor can be made by persons who know how to work with a few ordinary tools. Below we publish a few suggestions and sketches recently sent us by some of our readers that may be of more than ordinary interest.

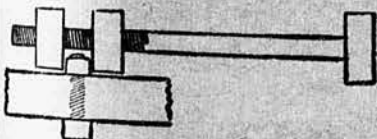
## To Loosen Tight Nuts

Often a nut becomes corroded or rusted on a bolt so tightly that it will not budge when even a great pressure is thrown upon it with a wrench. Before you resort to a hammer and cold chisel try this plan. Put a few drops of kerosene on the threads of the bolt, both above and below the nut if you can put it there. Then place a heavy hammer or sledge firmly against one side of the nut and strike the opposite side several sharp blows with another hammer. Alternate the sides, hammering each side in turn and then try the wrench again. Nine times in 10 the first treatment will bring it.



## Emergency Monkey Wrench

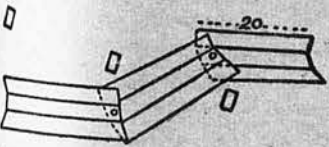
Some time when you need a monkey wrench in a hurry to loosen or tighten a nut and can't find the wrench, or it is too large or too small, try this little emergency plan. Screw a couple of nuts on the threaded portion of a heavy bolt. Space these nuts so that they fit closely



against the sides of the nut you want to remove or tighten. The wrench is adjustable to almost any nut, and serves beautifully in a pinch. Of course, it is better to have a good monkey wrench handy, but this will certainly save a long hunt in a pinch.

## For Far Corners

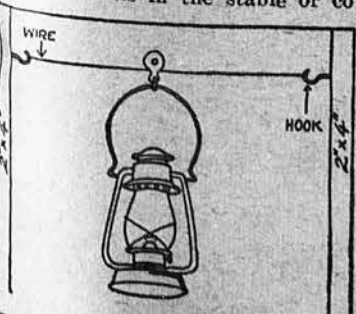
Scooping grain into a bin isn't difficult until you have to get in and distribute the grain back into the corners in order to put in the next load. Then it becomes tiresome. With a chute such as this, you can put the grain right where you want it.



It is made of heavy galvanized iron and in sections. The sections lap a little and are held together by means of a heavy rivet which acts as a hinge. With such a chute you can scoop the grain around a corner and put it into the far corners and do away entirely with crawling into the bin to shovel away from the door.

## Safety First Lantern

The Chicago fire was started by a lantern kicked over by a cow early one morning, but that needn't be the cause of a fire in any farm barn now. A stout wire strung tightly across behind the stalls in the stable or cow

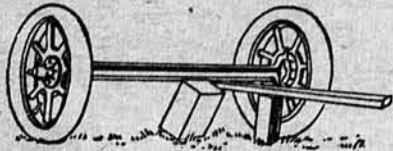


barn serves admirably as a carrier for a lantern. On this wire, string a small pulley with a hook hanging downward. The lantern can then be

hung on this hook and moved back and forth as light is required in different places. Besides being more safe, this plan affords a better light.

## For Raising Heavy Vehicles

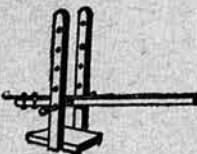
Were you ever caught all alone with a job of raising a wagon or automobile and not a jack in sight? Here's a good stunt for you then the next time you find yourself in that fix. Get a block of about the proper



length. Lean it up against the axle in such a manner that when you raise the weight, the block will fall right under the axle and stay there. It will save going for someone to help you do the job, and it will work like a charm.

## An Adjustable Jack

An easily adjustable jack can be made with two pieces of 2 by 4 timber fastened to a flat base and drilled with holes at regular intervals. A stout iron bolt acts as an axis or fulcrum for a long lever which is used for raising the wagon or other weight.



An iron plate, bent up into a semi-hook at the end may be bolted to this long lever to prevent the axle slipping off the jack as it is being raised. If the 2-by-4s are long enough, the jack should be adjustable to any height axle or wheel.

An ounce or more of salt a day is required by the dairy cow. A little salt mixed with the feed and rock salt placed where the cow may reach it is the common practice of handling the salt problem.



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No farm animal is more in need of clean living quarters that afford protection at all stages of its growth than the hog. When properly housed, few pigs are lost, and hog raising becomes profitable. Comfortable, sanitary quarters are essential in the production of two good litters a year from each sow.

A dry floor, a tight roof and side walls, tight doors and windows, with provision for fresh air without drafts and so constructed that the sun's rays will strike the floor during a greater part of the day are

necessary in a hog house. It should be easily cleaned, convenient in feeding and moving the hogs and should have storage bins for feed.

The permanent type of hog-house, such as the half-monitor, shed roof or gambrel roof, makes it easy to look after the hogs in winter, is warmly constructed, and adds to the appearance of the farm. A hog-house that will be serviceable, permanent and durable can be constructed of lumber very economically. Essco lumber, properly manufactured and seasoned, is durable and dependable. Its use assures a good building.

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As Rattle Snake Oil

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Mr. D. Dey, a Nebraska resident, 67 years old says, "I have used the treatment for only two weeks and my hearing is restored perfectly. The relief was almost instantaneous and now the head noises have disappeared. My catarrh, a case of many years standing, is improving wonderfully."

Mr. Ben Jackson, who lives in Indiana says, "Before I used Virex I could hear nothing. After ten days I could hear my watch tick."

Angeline Johnson, a Mississippi resident had been stone deaf for eighteen years. She says, "Virex has stopped my head noises and I can hear the train whistle 3 1/2 miles away."

Roy Fisher, Iowa man, says, "I hadn't heard a watch tick for eleven years—now I can lay my watch on the table and hear it plainly."

Mr. W. A. Lumpkin, of Oklahoma, says, "After being deaf 33 years, I used your treatment only a few days and hear fairly well."

Mr. Anthony Chapman, of Michigan, says, "The terrible head noises have stopped entirely and my hearing is practically back to normal."

### Deaf Baby Now Hears

Mrs. Ola Valentine, of Arkansas, says, "My little boy, now 5 years old, had been deaf since about 4 months of age. Now he hears very well and is learning to talk."

Mr. Mather Pelleys says, "My young son, deaf for years, has used Virex for only three days and he hears almost as well as ever before."

Such amazing reports come from all over this country and Canada. The prescription which is known as Virex is easily used at home and seems to work like magic in its rapidity on people of all ages.

So confident are we that Virex will restore your hearing quickly, and to introduce this remarkable treatment to a million more sufferers, we will send a large \$2.00 treatment for only \$1.00 on ten days' free trial. If the results are not satisfactory the treatment costs nothing.

Send no money—just your name and address to the Dale Laboratories, 943 Gateway Station, Kansas City, Mo., and the treatment will be mailed at once. Use it according to the simple directions. If at the end of 10 days your hearing is not relieved, your head noises gone entirely, just send it back and your money will be refunded without question. This offer is fully guaranteed, so write today and give this wonderful compound a trial.

## Business and Markets

### Livestock Prices After a Break Show Strong Rally; Future Outlook is Considered Good

BY JOHN W. SAMUELS

TRADE, livestock and farming conditions throughout the Middle West showed substantial improvement during the month of March and this was true of Kansas and the Tenth Federal Reserve District as much as of any other part of this section. February and March reports reflected good gains over those of January in distribution of merchandise by wholesalers in practically all lines. Retail trade by department stores in the larger cities was better than it was in the previous month and heavier than a year ago. In the smaller cities and country districts retail trade reports were irregular, varying in different sections, with the average about the same as a year ago.

#### Farm Situation is Better

The agricultural situation is better than at this season last year. Fall sown grains are coming thru the winter in good condition. With abundant soil moisture, prospects in March were favorable for large farm production, increased acreage of corn, cotton and sugar beets, but decreased acreage of both spring and winter wheat. Grain moved to the markets during February and March in greater volume than since last fall and at firmer prices. Flour production was maintained during the month at greater activity than a year ago.

The livestock industry also is reported in better condition than at this time last year. Large supplies of stock, for a stormy month, were marketed during March. Meat packing was seasonally heavy, but below operations in the same month of last year.

What the future holds in store for the livestock industry is difficult to say, but there are many stockmen who believe that the worst period has been passed and that marked improvement in prices may be expected at an early date.

Total receipts of cattle at public stock yards during 1924 are expected to about equal those of 1923, despite the probability of somewhat lighter runs of strictly range stock. In view of the expected decrease in pork production it seems probable that beef consumption will show some increase and that during 1924 cattle will meet a somewhat more favorable market than during 1923.

#### Strong Demand for Lambs

With indications of a reduced number of lambs on feed and lower shipments to market, the prospects favor continuation of a strong market for several months with larger market supplies in midsummer. The wool situation is distinctly favorable for producers and there is apparently opportunity at present for profitable increase in the number of sheep.

The swine industry is going thru a period of liquidation and discouragement. Record runs of hogs to market still continue. In the past, such periods of heavy production and low prices have led to a reduction in breeding so drastic as to result later on in shortage and in reversal of the corn-hog balance. Indications are that hog producers have now passed the peak of production, and may be moving into one of the recurrent periods of low production.

During March the cattle market showed decided strength, particularly on heavy finished steers, which were

in good demand. Hogs showed a net gain in price of 15c to 20c for the month. Sheep and lambs advanced \$1.35 to \$2 a hundredweight over all former prices, due to the light supply, best fat lambs reaching \$15.65, the highest price paid since last June. The demand for horses and mules developed considerable strength with spring activities approaching. There is a good demand for work teams which appear to be coming back for farm work.

#### Horses May Stage a Rally

On January 1, 1924, the number of horses and mules on farms in the United States was less than 90 per cent of the number on farms five years previous. During this period the average value a head of horses decreased from \$98 to \$64, and mules from \$136 to \$84.

Receipts of horses and mules at 67 markets in the United States decreased from 1,068,000 in 1919 to a low point of 317,000 in 1921 and increased to 551,000 in 1923.

Stallion and jack registration figures indicate that the number of mares being bred has been decreasing regularly since 1915. The stallion registration figures from 22 states show that the number registered in 1922 was 34 per cent of the number registered in 1915. There was little if any increase in 1923.

It is probable that a shortage of good work horses will occur before many years and that the prices of horses will reach a higher level within the next few years. Altho there appears to be a tendency in the larger cities to utilize horses for short hauls, there does not seem at present to be any marked increase in the general city demand for horses.

#### Big Prices for Good Saddlers

Big, sound, shapely drafters are demanding attractive prices. At Chicago the range on such horses, according to the Sears-Roebuck Agricultural Foundation, is from \$240 to \$300. Good horses of the wage type weighing from 1,400 to 1,600 pounds are selling around \$200. Excellent prices are being paid for good saddlers. Big pairs, well broken, in good flesh, pairs that will weigh 3,400 pounds, have brought from \$400 to \$500 in farm sales.

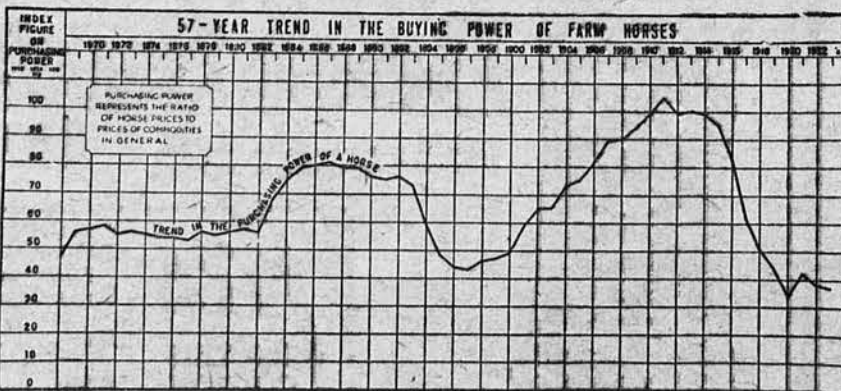
The horse business for those farmers who are raising really good horses and meeting the requirements of the market, isn't in as bad condition as the general average price trend seems to indicate. Still, the prices even for the best, are nothing to boast of when one considers the level of general commodity values. The exchange value of the average horse for other commodities is by far the lowest it has ever been in 57 years.

Low prices will continue to discourage horse and mule production, declare many livestock experts, until the decrease in the horse population is reflected in a rise in the average price.

#### Turning Point Expected Soon

The horse population on farms had been reduced to 18,263,000 head on January 1, 1924, compared with 21,355,000 head six years ago, the smallest record since 1905.

With both the horse and mule populations declining, the combined total on January 1, 1924, was 23,690,000 head, or 10 per cent lower than the



The Trend of Horse Prices for the Last 57 Years Shows Many Variations and Discouragements But the Future Looks Promising



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ponk 10 years before. Supplies are low. Demand is increasing already. The market is improved for the better grades of horse, good horses—with emphasis on the good.

How soon the turning point in the market will be reached on the rank and file of horses is uncertain. A study of previous cycles of horses and mule prices offers little light. They vary too greatly in length. The first lasted 11 years from depression to depression, the second 18 years and the present cycle is now 27 years long. It seems logical to believe that the turning point is not far off.

#### Kansas City Livestock Market

Some improvement in the livestock situation is noted on the Kansas City market this week and that helped stockmen to forget some of the disappointment they felt on the turn of the market at the close of the previous week.

At the outset of the week prices for livestock were slightly lower, but after Tuesday demand was more urgent and the early loss was regained. Country roads are still in bad condition and that is holding receipts to moderate proportions. Normal spring trade is showing in a broadened demand for yearlings and mixed yearlings, and light weight hogs are increasing in favor. Clipped sheep and lambs constitute a larger per cent of the offerings.

Receipts this week were 27,950 cattle, 5,160 calves, 48,150 hogs, and 17,450 sheep as compared with 31,475 cattle, 4,350 calves, 39,400 hogs, and 14,550 sheep last week, and 30,850 cattle, 5,350 calves, 67,275 hogs, and 28,750 sheep a year ago.

#### Beef Cattle Regain Losses

After opening the week at 15 to 25 cents lower prices, the cattle market strengthened and closed practically unchanged. Demand was active after Monday, and in the last two days there was a full line of order buyers and shippers in the market. Local killers are maintaining liberal orders for this season of the year. Choice yearlings, mixed yearlings and handy weight steers sold up to \$11, and good to choice classes in practically all weights sold at \$9.50 to \$10.75. Dogie steers and plain to fair native sold at \$7.75 to \$9. Cows and heifers sold readily with demand in both active. Veal calves were stronger. Trade in stockers and feeders remained active with practically no quotable change in prices. Receipts were small, and larger supplies are needed to meet the increased spring demand.

#### Stock Hogs Advance 75 Cents

While net changes in the price range on hogs were small this week, except as the price spread narrowed, there was a 10 to 15 cent advance in the light weight classes, a gain of 75 cents in stock hogs and pigs and a steady market for the medium and heavy weight classes. The top price today was \$7.30 and bulk of sales \$7.05 to \$7.25. Choice light, medium and heavy weights brought practically the same prices. Pigs and stock hogs sold at \$6 to \$6.60.

#### Sheep, Horses and Mules

A decline of 10 to 15 cents on Monday proved only a temporary break in sheep prices. Since then the loss was regained on woolled grades and shorn classes advanced 50 cents. Woolled lambs sold at \$16 to \$16.25, clipped lambs \$14.15 to \$14.50, and fall shorn wethers \$11.75. Receipts remain below requirements.

Receipts of horses and mules this week were too small to test the extent

of demand. Prices were firm. Larger supplies are needed. The following sales are reported at Kansas City:

Horses—Drafters, weighing 1,500 to 1,700 pounds, \$100 to \$160 apiece; fair to good drafters, \$80 to \$100; good chunks, \$60 to \$125; medium chunks, \$50 to \$80; fancy drivers, \$100 to \$200 or more; medium to good drivers, \$60 to \$90.

Mules—Good work mules, 4 to 10 years old, 14 to 15 hands high, \$65 to \$125; mules 15 to 16 hands high, \$115 to \$185; extra big mules, \$190 to \$250.

#### Late Grain Quotations

A report that the Government supervisor of trading in future deliveries of grain had called attention to what he regarded as oversellings of corn, had much to do at Chicago with a quick advance in the price of corn, and of wheat and oats as well. General evening up of accounts by dealers who had been engaged on the bear side took place and with offerings light, the advance easily ensued. Corn closed nervous,  $\frac{3}{4}$  to  $1\frac{1}{4}$ ¢ net higher, with May corn quoted at 76¢ to 76 $\frac{1}{4}$ ¢. The wheat finish was unsettled  $\frac{1}{4}$  to  $\frac{1}{2}$ ¢ up, May wheat quoted at \$1.01 to \$1.01 $\frac{1}{2}$ , and July wheat at \$1.02 $\frac{3}{4}$ , with oats at  $\frac{1}{2}$ ¢ to  $\frac{3}{4}$ ¢ gain and provisions varying from unchanged figures to a rise of 15¢ or more.

The following quotations on grain futures are given at Kansas City this week:

May wheat, 99 $\frac{1}{4}$ ¢; July wheat, 99 $\frac{1}{4}$ ¢; May corn, 75 $\frac{3}{4}$ ¢; July corn, 76 $\frac{1}{4}$ ¢; September corn, 76 $\frac{1}{4}$ ¢; May oats, 47 $\frac{1}{4}$ ¢; May rye, Chicago basis, 67 $\frac{1}{2}$ ¢; July rye, 69 $\frac{1}{2}$ ¢ on Chicago basis.

Cash wheat is reported as unchanged with the following quotations: Dark hard wheat, \$1.02 to \$1.20; hard wheat, 91¢ to \$1.10; red wheat, 98¢ to \$1.09; mixed wheat, 95¢ to \$1.06.

Other grain is quoted at Kansas City as follows: White corn 63¢ to 73¢; yellow corn, 68 $\frac{1}{2}$ ¢ to 74¢; white oats, 45 to 48¢; red oats, 45 to 48¢; white kafir, \$1.17 to \$1.21 a cwt.; milo, \$1.12 to \$1.23; rye, 62¢; barley, 63 to 66¢.

Pronounced strength in cotton futures developed at New York City during the week, but the market closed with the following quotations: May cotton, 27.56¢; July cotton, 26.65¢; October cotton, 24.10¢; December cotton, 23.78¢; spot, middling cotton, 27.70¢.

#### Invest Safely and Profitably

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

Silage fed directly after milking will seldom taint the milk.

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## Poultry Profits



**T**HE hen that lays the golden egg, or the broiler that brings the top price, is susceptible to many ailments—some caused by weather exposure, some caused by germs. Adequate housing is usually the answer in either case—for today structures can be built of concrete, easily cleaned and free from those crevices where vermin breed.

And concrete structures are not only sanitary and fire-proof but are also economical. For while most materials have increased in price, Atlas Portland Cement today actually costs less than it did thirty years ago.

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## Dairy Hints For Farmers

### Kansas Wheat Farmers Should Give More Attention to Diversification and Dairying

BY J. H. FRANDSEN

FROM the amount of discussion about wheat prices, one would imagine that wheat is the only agricultural crop of importance. True, wheat prices are disappointingly low—much too low—but wheat is only one of our many resources. We seem to have forgotten that the dairy cows of this Nation produce annually three times the wealth that comes from wheat—that a drop of 10 per cent in wheat values is only equal to 3 1/4 per cent of the wealth produced by our dairy cows.

The value of all the gold mined in the United States since 1885 is approximately equal to the farm value of dairy products for one year—about 2 1/2 billion dollars. However, it is an ill wind that blows no one good. The low price of wheat, combined with crop failures, has about convinced us of the necessity for more diversification and more attention to dairying.

Many sections of the Middle West possess conditions especially favorable to dairying. Here is to be found plenty of good, cheap feed, rich in protein and carbohydrates, plenty of water and a favorable climate. As the population of this part of the country increases, dairying will become of even greater importance.

#### Don't Jump Into Dairying

There is nothing particularly hard about dairy work, providing one likes the business. Of course, it does mean that one must be on the job, but who ever heard of a man succeeding in his business unless he was interested and stuck pretty close to it?

If you haven't any dairy experience, however, don't jump into the business, but grow into it! Start with a few good, grade cows and a good dairy sire, and gradually but surely build up a profitable herd. Raise all of the roughage and most of the grain, if not all of it, right on your farm. Remember that the dairy cow will give you a better market and a better price for your grain and home grown fodder than can be obtained in any other way. Moreover, she pays in cash day by day as she goes along.

As everyone knows, the wheat dollar is only about a 68-cent dollar. This kind of a dollar does not go very far in the purchase of machinery, clothing and the necessities of the farm family. The dairy dollar, on the other hand, is about the only kind of farm dollar that still is worth nearly 100 cents, and one which will purchase almost as much as before the war.

#### Cream Checks Come Handy

All farm housewives and most of their husbands quite agree that the weekly cream check is about the nicest thing that comes to the farm home during the week. In the short crop sections, or where hail, flood or drouth have played havoc during the season, the cream check is a real lifesaver. Even in localities where dairying is as yet carried on in the most elementary way, it is rendering good service and its worth is being more and more appreciated. It is the cream check that boosts the "back to the milk cow" movement, and it is the cream check that puts joy in the dairy business. Most country bankers

can tell many an interesting story of how the cream check from a few dairy cows has kept farmers from going bankrupt or from starvation.

The great Missouri Valley is far removed from the big consuming centers of the East. To make matters worse, the high freight rates have virtually had the effect of pushing these farms almost another thousand miles farther away from these markets. This condition makes it more imperative than ever that we discourage the direct marketing of the bulky and coarse products from our farms, such as alfalfa and corn, and that we encourage the conversion of much of our forage and grain into finished concentrated food, like butter, cheese, milk, eggs, bacon, beef and mutton.

It has been difficult to get the ranchman and the one-crop farmer convinced that dairying, when rightly

#### Worth-while Dairy Practices

HERE are some dairy practices that are worth while and that may be followed with profit by everyone:

- 1—Choose a good breed and stick to it.
- 2—Select a good purebred sire, and start breeding up.
- 3—Raise and keep good young stock and weed out the poor producers.
- 4—Use judgment in feeding, but feed liberally.
- 5—Keep the herd free from disease.
- 6—Protect the herd from cold weather in winter and from heat and flies in summer.
- 7—Exhibit at fairs and advertise conservatively.
- 8—Boost for better livestock of all kinds.
- 9—Don't exaggerate. Be honest. Remember the satisfied customer is your best advertisement.

conducted, will yield safer and bigger cash returns than ordinarily may be expected from other lines of farming. He magnifies the lump sum received from a carload of steers or of grain at the end of the feeding or growing period, and minimizes the value of the weekly and daily milk or cream check.

#### Convert Feeds Into Butter

About 90 per cent of our food products are consumed in the big cities near the Eastern Coast. Alfalfa and corn are too bulky to ship to good advantage. By marketing these products as butter we can dodge much of the freight. It takes approximately 150 tons of hay and 64 tons of corn to make a carload of butter. In other words, when we ship our alfalfa and corn back East in the form of butter, we are able to condense to 1 ton of butter, roughly speaking, 17 tons of alfalfa and 7 tons of corn. A carload of butter can be shipped to New York for \$298.80. It would cost \$3.47 in freight to send the corn and alfalfa

## Pledge for "Dairy-minded" Farmer

I WILL keep only good, producing cows—low producers don't pay their board bill.

I will use only purebred sires—purebred bulls increase yield.

I will weed out unprofitable cows and raise heifers only from the good cows—this is the best way to improve my herd.

I will try to keep my herd free from tuberculosis—sick cows, like a sick hired man, can't do profitable work, and are a menace to the public health and to the other animals in the herd.

I will use a cooling tank and keep my cream under conditions as sanitary as possible—clean, cool cream grades best.

I will raise as much of the needed dairy feeds as possible—home-grown feeds are cheapest.

I will feed a good dairy ration—cows cannot produce profitably unless they get all the necessary feed constituents.

I will have most of my cows freshen in the fall—these cows will milk for a longer period of time and will produce milk and cream more cheaply. And flies and heat are less bothersome at this season.



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from here to New York to make the carload of butter.

Every Kansas farmer, regardless of his favorite method of farming, should have at least a few good milk cows. They are particularly needed in the short crop sections to provide:

1—Enough cream to supply cash to pay the family grocery bill and other most pressing expenses.

2—Milk and cream needed for use by the farm family.

3—Skimmilk for raising chickens, calves and pigs.

Thousands of Middle West farm folks will be very much better off financially when the dairy cow takes a more prominent part in their system of farming.

But in addition to increased cash returns, dairying means more and better health for the whole family. Scientists now are quite agreed that milk and butter are absolutely essential for perfect development of our growing boys and girls.

After all, good health and beauty come from within and are largely dependent upon correct foods. They are nature's cosmetics—the best and safest in the world. Pure, fresh milk is one of the best of these, and a good part of the country's 750 million dollar cosmetic bill, \$15 for every woman, may well be spent for additional milk, butter, cheese, and ice cream.

### Milk as the National Drink

"Resolved that we, the agricultural representatives of the commonwealth of the great state of Kansas, do favor and recommend the establishment of milk as a national drink."

This resolution was adopted at the Kansas Agricultural Convention held early in January at Topeka, Kan. The convention included prominent agricultural organizations and officials of the state.

The resolution was based on the preamble that "our boys and girls are the men and women of tomorrow, and healthy physique is conducive to good citizenry." Another basis for the resolution was recognition that the dairy cow is the foster mother and an important financial support of the Nation.

This resolution is believed, by dairy officials of the United States Department of Agriculture to be the first of its kind on record. Dr. C. W. Larson, Chief of the Dairy Division of the department, expressed the opinion that the proposal to make milk a national drink is an appropriate recognition of "the drink of health," as it is sometimes called.

"Certainly," Doctor Larson remarked, "milk is worthy of the distinction as a national beverage. In addition to its high nutritive value and health-giving properties as a drink, it yields other valuable food products, including butter, cheese, ice cream, milk powder, and condensed milk. Its byproducts enter into the manufacture of almost countless products. The widespread distribution of dairying in every state and its growth in our island possessions also appear to warrant the selection of milk as a national drink."

### Stop Pasturing Wheat

BY H. M. BAINER

Nearly all of the winter wheat of the Southwest made less than its normal growth last fall and for this reason is smaller this spring than usual. The greatest danger, therefore, at this time, is that the wheat is almost sure to be pastured too closely, thereby leaving the soil with no protection and in a condition likely to blow. Too much pasturing is certain to give the wheat a set-back from which it will be slow in recovering. A late start means late maturity, more damage from hot and dry weather and lower yields. It generally pays to feed more and pasture less. Cattle should be taken off the wheat when the first warm days of spring arrive. Wheat should not be pastured later than the latter part of March or the first of April.

### Our Best Three Offers

One old subscriber and one new subscriber, if sent together, can get The Kansas Farmer and Mail & 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.



## The Cow Tester knows the De Laval is the Best Separator

Cow testers who reach over 6000 dairy farms and regularly test the skim-milk from cream separators, practically all reported in an investigation, that De Laval's skim cleaner and last longer. The following is typical:

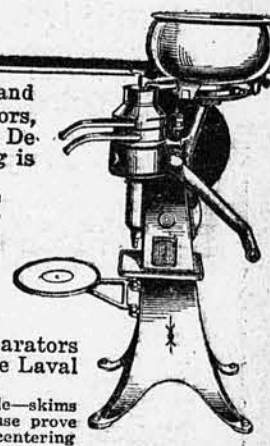
"I have tested many makes of separators and find the De Laval does the best work. With only one or two exceptions the De Laval has not run over 2/100 of one per cent of butter-fat in the skim-milk. The other makes of separators tested from 5/100 to 2/10 of one per cent, and even higher."

With five average cows and butter-fat at 40c a lb., a 2/10 per cent loss of butter-fat amounts to \$24.00 a year—6 per cent interest on \$400.00. There are thousands of worn-out and inferior separators in use today which are wasting the price of a new De Laval in a short time.

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## ADVERTISEMENT

## White Diarrhea

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

The following letter will no doubt be of utmost interest to poultry raisers who have had serious losses from White Diarrhea. We will let Mrs. Bradshaw tell of her experience in her own words: "Gentlemen: I see reports of so many losing their little chicks with White Diarrhea, so thought I would tell my experience. I used to lose a great many from this cause, tried many remedies and was about discouraged. As a last resort I sent to the Walker Remedy Co., Dept. 47, Waterloo, Iowa, for their Walko White Diarrhea Remedy. I used two 50c packages, raised 300 White Wyandottes and never lost one or had one sick after giving the medicine and my chickens are larger and healthier than ever before. I have found this company thoroughly reliable and always get the remedy by return mail.—Mrs. C. M. Bradshaw, Beaconsfield, Iowa."

## Cause of White Diarrhea

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

## Never Lost a Single Chick

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

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

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## Baby Chicks Require Care

Proper Feeding and Management Will Reduce Hazards and Increase Poultry Profits

BY H. H. STEUP

THE first thing necessary for baby chicks is some form of milk. Skimmilk, buttermilk, condensed milk, semi-solid buttermilk or dried buttermilk—whichever form is cheapest—should always be before the chicks at all times. Milk supplies animal protein, aids the digestive system and most important of all, supplies the chick with the very necessary set of vitamins. A person could well afford to pay 15 cents a quart for milk to feed to baby chicks until they are 6 weeks old. After this it can be eliminated if too costly, but best results will be obtained by feeding milk throughout the entire brooding period. Milk should never be fed from metal containers.

## Green Stuff Essential

Finely chopped green feed such as sprouted oats, wheat or onions should be fed daily to all chicks that do not have green pasture. All chicks should also be fed some bone forming feed. The best of these is probably pulverized bonemeal fed in the dry mash about 5 pounds in every 100 pounds of feed. Fine chick grit should also be always available. Baby chicks have no teeth to grind up coarse feed neither are there any dentists that will supply them with store teeth.

To these four things—milk, green feed, bonemeal and grit—one needs but add a supply of animal protein and two or three grain feeds and their by-products and the chick will do the rest. Leave any of these things out and the chick is an unreliable quantity.

There are many good baby chick feeds that can be used to good advantage. For a scratch grain make a mixture consisting of 60 parts of cracked corn, 20 parts of cracked wheat and 20 parts of kafir, steel-cut oats, barley or any other grain that is cheap.

For a dry mash use a mixture composed of 30 pounds of wheat bran, 30 pounds of wheat shorts or middlings, 25 pounds of fine corn chop, 10 pounds of meat scrap, and 5 pounds of pulverized bonemeal.

## When to Feed

Do not feed the young chicks until they are 72 hours old. Nature supplies the chick with the yolk of the hatching egg for its first food supply and serious stomach disorders arise if any other feed is given before this. Most people try to force baby chicks too soon by overfeeding. This is another cause for bowel trouble. The first week it is well to feed grain five times a day but feed very sparingly. Never give more than will be consumed in about 10 minutes.

Give plenty of milk during the first week, but no water unless the milk is too thick. Keep a box of bran before the chicks at all times but do not feed any of the chick mash until after they are a week old. On the fourth day it is advisable to start feeding green feed. At the end of the first week the bran can be gradually replaced by the chick mash and water can also be supplied. As soon as the chicks start eating the mash the grain should be fed only three times a day and after the third week both grain and mash can be hopper fed until the

pullets are ready for the laying pen.

Outside of correct feeding one also has to keep chicks in correct temperatures. If a chick becomes chilled or is overheated there is always a large death rate. The fire in the brooder stove should never be permitted to burn low or go out and the chicks should always have the opportunity of getting away from this fire a good distance. Under this system one could always keep a good fire burning and the chicks would then be able to choose the temperature best suited for them. The best way to brood chicks is to have two adjoining rooms with a brooder stove in only one of them and a small door connecting them. Thus if the one room gets too warm the chicks could go into the other room and here when getting chilled could return again. One can best judge the temperature condition by watching the chicks. Cold chicks will crowd up to the stove and overheated chicks will crowd into the far corners in order to escape from the source of heat. Chicks in the proper temperature will be busily scratching and running about. One cannot pay too much attention to the temperature of the brooders. It is a delicate task to keep chicks warm enough without making house plants out of them.

Vermin and disease also take their toll of baby chicks each spring. All classes of parasites live and breed in filth. It is easier to prevent their coming than to bid them goodbye, so the person who practices prevention rather than cure has the least trouble with them.

Prevention is the practicing of hygiene. Hygiene can be best summed up in five things: Clean houses, clean runs, clean birds, clean feed, clean utensils.

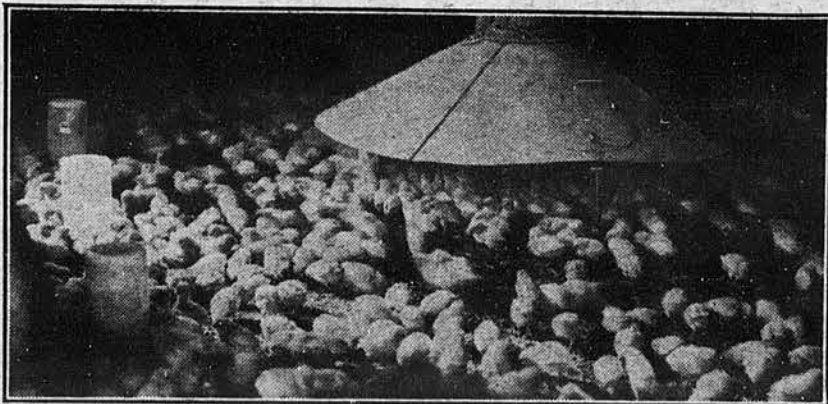
## Clean Runs Safest

Most chick troubles come from contaminated ground. It is therefore well to obtain the clean runs by moving the brooder house to fresh ground each year.

Poultry raisers used to blame leg weakness upon various causes. It is only recently that the real cause of this disease has become known. It is the absence of direct sunlight upon the chicks. Not the sunlight that filters in thru glass windows as the glass removes the violet rays. It is the outdoor sunshine that all chicks need. Since this is so necessary it is well to get the chicks out upon the ground as soon as possible. This is best done by opening the small outlet door on about the fourth day and permitting the chicks to find their own way in and out after this as they please. This is a more satisfactory way than driving them out and then driving them back in again.

## Brooder Vices That Make Trouble

Baby chicks often acquire brooder vices that result in heavy losses. Among these are crowding, toe-picking and cannibalism. It is a natural tendency for chicks to crowd under the hen when cold. They will crowd under one another when cold or scared in the brooder house. Keep chicks from bunching in the spots of sunlight on the floor by keeping out direct sunlight for the first week. Also



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

**WHITE DIARRHEA** is a blood disease you will save the chick. POM'S GOLDEN REMEDY given in the first drinking water 3 days a week for 4 weeks will save 95 out of every 100 babies. Stop them from dying—50c and \$1.00 bottles. At dealer or direct. **The I. A. Pommer Co., Topeka, Mo.**



Keep them from being chilled and frightened at night and they will never learn to bunch or crowd. The vices of toe-picking and cannibalism are due to lack of exercise or an unbalanced ration causing a depraved appetite. If properly fed and furnished a bran box and green feed on which to work during idle moments, chicks will not acquire these habits.

If these few main points are closely watched there will be more fryers on the tables this summer and fewer buried chicks this spring.

### Prepare to Brood the Chicks

BY W. T. GREEN

How are you going to house your early baby chicks? Most of our readers likely are going to hatch the chicks early. But there is some fear in my mind that a great many folks again will make the mistake of poorly housing the little fellows. As much importance rests upon this matter of brooding as upon hatching.

The spring season in Kansas is nothing more than a season of conflict between winter and summer. Neither seems to win out for more than a day or so at a time. A day or so of sunshine, then days of wind, dampness and cold. This sort of thing keeps up until late in May, simply rendering it impossible to raise little chicks out of doors. To wait until the weather does settle down to warmth, means to wait too late to hatch chicks for profit. Chicks hatched in February and March make the best layers the following winter, and the high-priced broilers.

You should not try to raise little chicks out in the uncomfortable weather. It is the poorest kind of economy to save by not providing comfortable quarters for the chicks and forcing them to withstand the weather. Chicks that are allowed to run out in the cold and on the damp, cold ground do not grow normally, if they live to maturity. It does not make matters much better to brood the little fellows with a mother hen. She will run and freeze the chicks, dragging them to death one by one.

Besides being warm, the quarters for little chicks should be sunny and have two distinct temperatures so the chicks can run under the heat of the hover to warm when they feel so disposed, and find their way out from under the hover whenever they wish. This is the only safe plan, as the chick's own instincts and feelings are to be trusted rather than mechanically trying to hold the temperature of a room at a certain point.

### Hover Heater is Problem

A practical, cheap heater for the hover is a problem to most farmers. Indoor brooders sold by most incubator companies make probably the best farm equipment for the average person. A heater that burns hard coal and is covered with a metal canopy reflecting the heat down around the heater for some distance out on the floor is used by many poultrymen. It is simply a small, hard-coal stove with a large round metal canopy over it like an umbrella or large funnel inverted. The chicks gather around the stove under the reflector whenever they desire more warmth, and move out farther in the room when they so desire. Such hovers are not stuffy and do not afford corners for the chicks to crowd into and kill each other. Any sort of heater and hover should be located in a dry, warm room that admits much sunshine.

Many shifty folks have provided a good heater by using an ordinary oil stove such as are used in small rooms or bath rooms. These heaters will warm a small, sunny room to a comfortable temperature for the chicks to work in, but unless provided with a metal canopy, like the coal heaters mentioned, a warmer compartment for hovering should be provided by using a jug of hot water with wire screen guard around it and covered with a sort of stool with curtain hanging down around the edges.

Chicks with the mother hen should be kept in a sunny room that is dry and comfortable. The hen will supply the hover. But the hen should not be trusted with the chicks in a cold room or coop. She will not hover the little chicks when they need hovering. The sunny room can be provided by building a shed on the south side of the barn or some other outbuilding, closing it in on the east and west sides and curtaining the south side

with white cloth and wire netting. A tight matched floor is best. Make it rat proof and cat and dog proof. Cover the floor with alfalfa leaves to and increase as the chicks get older.

### Sorghum Seed is Smutty

Sorghum seed is unusually smutty this year, according to Prof. L. E. Melchers, plant pathologist for Kansas State Agricultural College. Unless the seed is treated before planting serious damage to the crop is likely to result.

Milo and feterita are said to be immune to smut, but the feeding value of all other sorghums may be reduced 50 per cent by the disease. Formaldehyde will control it.

Treat the seed by soaking it in water containing 1 pint of full strength formalin to 30 gallons. Seed which do not retain the glumes will require soaking only 30 minutes, but others must be subjected to the solution for an hour. Place the seed in a gunny sack and when it has soaked the required time spread it on a floor or tarpaulin that has been treated with the same solution. It should be treated far enough in advance that it will dry sufficiently to pass thru the drill. A common practice is to let the seed stand over night and plant the next morning. If it stands longer molding is likely to occur.

An indication of the losses which smut causes is shown by reports from Hodgeman county, where the damage has been estimated at \$23,000 annually. Farmers who met to consider treating recently stated that their losses had been 50 per cent from this cause during the last five years.

### Home Topics Most Popular

Farmers' Bulletins relating to subjects of direct interest in connection with management of the home and the other branches of family life in which women take part are in great demand, according to records of the Office of Publications, United States Department of Agriculture.

Among the bulletins on household subjects most in demand during the fiscal year ending July 30, 1923, may be mentioned No. 1136, Baking in the Home, with a distribution of 488,000 copies. Other popular bulletins asked for by women were No. 861, Removal of Common Stains, 245,000 distributed; No. 712, School Lunches, 172,000; No. 1180, Housecleaning Made Easy, 137,000; No. 1099, Home Laundering, 109,000; No. 1219, Floors and Floor Coverings, 104,000.

All of these bulletins were prepared by scientific workers in the former office, now Bureau of Home Economics, and may be obtained free, while the supply lasts, by addressing the United States Department of Agriculture, Washington, D. C.

Let the grass get a good start before turning out the cows; both pasture and cows will benefit.

## New Low Prices On Miller Baby Chicks-Season 1924

Buy your chicks this season from an established hatchery. MILLER HATCHERIES is one of the finest in America. We hatch twenty popular varieties from stock which have been culled and bred for heavy egg production. 1,500,000 chicks via prepaid parcel post at the following low prices:

50 chicks	100 chicks	500 chicks	1,000 chicks
Barred Rocks, R. and S. C. Reds, Anconas, R. O. Brown and S. C. Buff Leghorns.....	\$7.50	\$14.00	\$45.00
White Wyandotte and Buff Orpington.....	8.50	16.00	75.00
S. L. Wyandotte, White Orpington, S. O. Black Minorca.....	9.00	17.00	80.00
Buff Orpingtons.....	8.00	15.00	70.00
Golden Wyandotte.....	11.00	20.00	95.00
Light Brahmas and W. F. Black Spanish.....	13.00	25.00	115.00
S. C. White and S. C. Brown Leghorns.....	7.00	13.00	60.00
Assorted.....	6.50	12.00	55.00

Order direct from this advertisement or send for our FREE CATALOG. 21st SUCCESSIONAL Season. Over 12,000 pleased customers in United States and Canada. Member, Missouri State, Mid-West and International Baby Chick Associations.

MILLER HATCHERIES BOX 611 LANCASTER, MISSOURI

## BABY CHICKS—Lowest Prices Ever Offered

Stock That Will Please You. Order direct from this ad at the following low prices. 97% live delivery.

Variety	50	100	300	500	1,000
Bar. Rocks, R. & S. C. Reds, S. C. M. Anconas.....	\$7.50	\$14.00	\$40.00	\$65.00	\$125.00
White Wyandotte and Buff Orpington.....	8.00	15.00	43.50	70.00	135.00
S. O. W. Leg. Am. strain, S. C. Brown Leghorn.....	7.00	13.00	38.00	60.00	110.00
S. O. W. Leghorn—English.....	8.00	15.00	43.50	70.00	135.00
S. L. Wyandotte.....	8.50	16.00	46.50	75.00	140.00
Light Brahmas.....	11.00	20.00	58.00	95.00	.....

Member Missouri State, Mid-West and International Baby Chick Associations. MILLER-MATLOCK HATCHERY BOX 821 KIRKSVILLE, MISSOURI

## HUBER'S QUALITY PURE BRED CHICKS

Our 12<sup>th</sup> Year 300,000 for 1923  
Huber's Quality Chicks, Pure Bred from selected healthy stock, Leghorns, Rocks, Rhode Island Reds, Orpingtons, Wyandottes. Postage paid. Live arrival guaranteed. Big illustrated catalog free.  
HUBER'S RELIABLE HATCHERY, Dept. A, Hiawatha, Kansas.

## LOW CHICK PRICES

Send for our big free catalog. Our chicks are much better and our low prices are causing a sensation. COLONIAL POULTRY FARMS, BOX 7-B WINDSOR, MO.  
STANDARD BRED CHICKS  
from heavy laying, inspected flocks will make you money and please you. Rhode Island Red, Plymouth Rock, Leghorns, White Wyandottes, Buff Orpingtons, Anconas. Catalog free. It will save you money, write today. SALKER'S HATCHERY, Box 10, Alton, Ill.

## ALUMINUM CHICK FEEDER

for FEED, GRIT, MILK or WATER. Simple, safe and sanitary. Chicks cannot get feet into contents. Send \$0.25 cash or stamps for one postpaid. Money back if not satisfied. American Poultry Journal, 437-523 Plymouth Ct., Chicago

## DOG FREE

82 page book—how to keep your dog well—how to care for him when sick. Result of 36 years' experience with every known dog disease. Mailed FREE. Write today. Dept. 804 H. CLAY GLOVER, V. S. 129 West 24th St. New York

## FORD TRUCK OWNERS

The "Chicago" Selective Auxiliary Transmission—when attached to standard Ford Transmission—gives six speeds forward—three reverse.  
Doubles the power, gives 30 per cent more speed—no change in Ford design.  
Any owner or garage man can install without special tools; super strength propeller shaft.  
Gives two ton performance loaded—speed wagon empty at one ton cost.  
A two-ton Ford truck for hills, sand, mud or soft earth. Fully guaranteed.  
AGENTS WANTED  
CHICAGO TRANSMISSION COMPANY  
332D South Michigan Boulevard, Chicago, Illinois

## 1,000 Saleswomen Wanted Immediately

The Capper Publications now have positions open in practically every small or medium sized town throughout the Central western states where women may earn steady, substantial incomes. The work is interesting and leads to many opportunities for advancement.  
Previous selling experience desirable, but not required. Only honest, truthful, respectable women wanted. We prefer those who can work six days in the week, but many are making good who give us only a part of their time.  
This is not an experiment. Our selling plan has been used successfully for years. We furnish complete instructions, so that any person with ordinary ability can make good from the start.  
Full particulars and application blank furnished on request.  
Dept. 300, The Capper Publications, Topeka, Kansas.

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Just drop us a postal card asking for price on any club of magazines you desire. You will find our prices satisfactory.  
Kansas Farmer and Mail & Breeze  
Topeka, Kansas.

## QUALITY Chicks & Eggs

48,000 PURE BRED BREEDERS. 15 varieties. Best laying strains. Incubate 25,000 eggs daily. Catalog Free. Free live delivery.  
Missouri Poultry Farms, Columbia, Mo.

## Save Your Baby Chicks

Oscar Hoffman fed "Start To Finish" and made a net profit of \$49.75 in 60 days on \$6.25 invested. Mrs. Lake raised 2,500 chicks and did not lose a single one.

You can make SURE money, without bother or experiment; 25 lbs. feeds 25 chicks 5 weeks.

# SOUTHARD'S START to FINISH BUTTERMILK CHICK FEED

## FREE

Simply send name today for free 80-page book—96 pictures—1,000 poultry secrets. Dealers write for free sample "Start to Finish" feed.

## "START to FINISH" Buttermilk Chick Feed

Starts—Grows—Matures  
Nothing else is needed.  
Helps prevent White Diarrhea.  
Makes 2 lb. fry in 8 weeks.  
Starts layers 6 weeks earlier.  
They grow twice as fast.  
Ask your dealer for 25 lb. bag.

Over 200,000 poultry raisers have changed from their old feeding methods to "Start To Finish." Try a 25 lb. bag at our risk. Money back if not satisfied.  
Southard Feed and Milling Co.  
Kansas City, Kansas



# FARMERS' CLASSIFIED ADVERTISING

Rate: 10 cents a word, each insertion, on orders for less than four insertions; four or more consecutive insertions the rate is 8 cents a word. Count as a word each abbreviation, initial or number in advertisement and signature. No display type or illustrations admitted. Remittances must accompany orders. Real estate and livestock advertising have separate departments and are not accepted for this department. Minimum charge, ten words.

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

## RELIABLE ADVERTISING

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

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

## SALESMEN WANTED

SALESMEN WANTED TO SELL OUR FAMOUS trees, flowers, shrubs, etc. You can easily earn \$40 to \$75 each week—we help you. Regular weekly pay. No experience needed. All or part time. Mt. Hope Nurseries, Box 299, Lawrence, Kan.

WANTED: SALESMEN WITH AUTOMOBILE by large oil and paint company to call upon farmers and auto owners. Previous experience unnecessary. Excellent opportunity. Address at once The Lennox Oil & Paint Co., Dept. Sales, Cleveland, O.

## MALE HELP WANTED

MEN—AGE 18-40, WANTING RAILWAY Station office positions \$115-\$250 month. Free transportation, experience unnecessary. Write Baker, Supt. #3, Walnwright, St. Louis.

## FARM WORK WANTED

EXPERIENCED SINGLE FARM HAND wants work on farm. Box 166, Osborne, Kan.

## PATENT ATTORNEYS

PATENTS, BOOKLET AND ADVICE FREE. Watson E. Coleman, Patent Lawyer, 644 G Street, N. W., Washington, D. C.

PATENTS, BOOKLET AND FULL INSTRUCTIONS without obligation. B. P. Fishburne, Registered Patent Lawyer, 381 McGill Bldg., Washington, D. C.

PATENTS PROCURED. SEND SKETCH or model today for examination, prompt report and advice. Write for free booklet and blank form on which to disclose your idea. Highest references. Promptness assured. Clarence A. O'Brien, Registered Patent Lawyer, 1503 Security Bank Building, directly across the street from Patent Office, Washington, D. C.

## AGENTS WANTED

CASH FOR NAMES OF MEN IN YOUR Locality using certain machines. A. V. Small, Augusta, Kan.

RUMMAGE SALES MAKE \$50.00 DAILY. We start you. Representatives wanted everywhere. Wholesale Distributors, Dept. 101, 609 Division Street, Chicago.

WOODROW WILSON'S LIFE BY JOSEPHUS DANIELS going like hot cakes. Send for free outfit. Book written here. Jenkins Pub. Co., Washington, D. C.

LIGHTNING, STRANGE BATTERY COMPANY. Charges discharged batteries instantly. Eliminates old method entirely. Gallon free to agents. Lightning Co., St. Paul, Minn.

\$10-\$25 DAILY SELLING MEN'S AND women's shoes direct to wearers; exclusive territory; sales come easy. Lyman B. Musser Shoe Co., 216 Palace Bldg., Kansas City, Mo.

FARMER AGENTS WANTED—TO MAKE big money selling reliable auto replacement batteries and farm electric lighting plants to your friends and neighbors. Also radio sets complete. Exclusive territory if you write today. Service Station Corporation, 501-B Industrial Bank Building, Flint, Mich.

\$100 A WEEK. MEN WANTED WITH AMBITION, industry and small capital. You can make above amount or more, distributing Rawleigh's Quality Products to steady customers. We teach and help you to do a big business and make more money than you ever made before. Give age, occupation, references. W. T. Rawleigh, Dept. KA 7112, Freeport, Ill.

BIG MONEY—EASY SALES. AGENTS wanted. New and necessary device for pulling automobiles out of the mud. Sells to all motorists everywhere. Simple. Folds compactly under seat. Big profits and value, no competition, protected territory and excellent proposition. Choice territory still open. Write today without obligation. E. B. Thomas Co., Dept. 2, 717 Sycamore St., Cincinnati, Ohio.

## EDUCATIONAL

RAILWAY POSTAL CLERKS NEEDED. Examination everywhere May 3. Particulars free. Write Mokane, A-1, Denver.

RAILWAY POSTAL CLERKS—START \$133 month; railroad pass; expenses paid. Questions free. Columbus Institute, R-6, Columbus, Ohio.

EARN \$25 WEEKLY, SPARE TIME, WRITING for newspapers, magazines. Experience unnecessary, details free. Press Syndicate, 547, St. Louis, Mo.

RAILWAY MAIL CLERKS WANTED. Commence \$133 month. Schedule examination places free. Franklin Institute, Dept. J15, Rochester, N. Y.

ALL MEN, WOMEN, BOYS, GIRLS, 17 TO 65, willing to accept Government positions, \$117-\$250, traveling or stationary, write Mr. Ozment, 167, St. Louis, Mo., immediately.

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TYPIST EARN DOLLAR AN HOUR. Spare time in your home. Box 191, Manhattan, Kan.

\$61.21 DAILY AVERAGE WAS EARNED by Johnson, a student, during vacation. In a week Engelson, a farmer, sold \$1718.25. Ennis \$1876.85 and Clavier 2019.60. The oldest, largest and best equipped woolen mills in the Northwest selling direct to consumer offers you a like opportunity. \$75.00 required. Fergus Falls Woolen Mills Co., Fergus Falls, Minnesota.

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PLEATING, ALL KINDS, HEMSTITCHING. First class work, prompt service. Mrs. M. J. Mercer, 800 Topeka Blvd., Topeka, Kan.

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TRACTORS, PLOWS OR LISTER, Patent binder hitch. Box 14, Hill City, Kan.

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BEE SUPPLIES OF BEST QUALITY. Write for catalog. We save you money. The Colorado Honey Producers' Association, Denver, Colo.

## HONEY FOR SALE

THERE'S TO HONEY, VERY FINEST quality, light color; 5 pound can, postpaid \$1.45. C. O. D. if desired. Satisfaction guaranteed. Colorado Honey Producers' Association, Denver, Colo.

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AUTO PARTS. NEW AND USED. ALL cars. Lowest prices. Shipped on approval. Used Auto Parts Store, Fort Scott, Kan.

## MOTOR OILS AND SUPPLIES

YOU CAN SAVE MONEY ON MOTOR AND tractor oils. Write for prepaid prices. A. V. Small, Augusta, Kan.

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FILM ROLLS DEVELOPED FREE, TRIAL order. Send \$5c for 6 beautiful Glossitone prints or reprints. Fast service. Day Night Studio, Sedalia, Mo.

## MACHINERY FOR SALE OR TRADE

30-60 HART PARR TRACTOR, 12 DISC P&O Plow. Albin Johnson, Falun, Kan.

FOR SALE: 24 INCH NEW RACINE Separator. Harve Leiss, Route 2, St. John, Kan.

FOR SALE: 12-20 HEIDER TRACTOR, 3 bottom plow, new, \$800. Box 221, Concordia, Kan.

EVERY HEADER THRESHER, REBUILT, never run. One thousand. Homer Black, Fellsburg, Kan.

QUICK SALE: 12-25D TITAN, 16-30, 20-40 Oil Pulls, 24x40 Racine, 28x50 Woods Bros. 32x52 Rumely, Anton R. Steiner, Lincolnville, Kan.

FOR SALE: 45-65, 12-25 AVERY, 30-60 Rumely Tractors, 36x60 Rumely steel separator. Like new. Priced right. J. H. Brubaker, Ramona, Kan.

THRESHERMEN: FOR MORE PROFIT and less expense use Humane Extension Feeders. Belts sold, exchanged, spliced, repaired. Richardson Mfg. Co., Cawker, Kan.

MACHINERY—NEW AND USED. 18 Advance, 14 Geiser, 25 Geiser, 24 Minneapolis, 25 Reeves. Tractors: 15-27 Case, 10-18 Case, 40-80 Avery, 40-60 Twin City. New Government Holt at nearly half price. 10 bottom Oliver plow. Separators: 36-inch and 32-inch Red River Special, 28-inch Rumely, 27-inch Russell, 38-inch Frink, 10-foot road grader. Rock crusher and stone pulverizer. Will Hey, Baldwin, Kan.

## MACHINERY WANTED

WANTED: USED MASSEY HARVESTER-thresher. J. Geo. Nusser, Sylvia, Kan.

## SEEDS—PLANTS—NURSERY STOCK

BROOM CORN SEED \$5 PER CWT. F. A. Lonner, Dighton, Kan.

WANTED: FORTY BUSHELS FLAX SEED. Write James Smid, Tribune, Kan.

WHITE SWEET CLOVER, FARMER'S prices. Information. John Lewis, Virgil, Kan.

PRIDE OF SALINE CORN, CERTIFIED, \$2 per bushel. H. T. Brenner, Waterville, Kan.

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SWEET POTATO PLANTS, 16 VARIETIES. Write for prices. Johnson Bros., Wamego, Kan.

RECLEANED SUDAN 10c, KAFIR 25c, Orange cane 3c. Carl Cory, Little River, Kan.

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WANTED: SWEET CLOVER, LARGE OR small lots. Cash in advance. Box 42, Hilltop, Kan.

RECLEANED SUDAN SEED 8 CENTS PER pound, sacks extra. John Slingsby, Clay Center, Kan.

STRAWBERRY PLANTS, 1,000, \$3; 5,000, \$13.75; 10,000, \$25. List free. J. Sterling, Judsonia, Ark.

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MELON SEED; PURE IRISH GRAY, fifty-five cents pound, postpaid. P. L. Brooks, Clyde, Kan.

KANSAS GROWN IOWA GOLDMINE SEED corn. Tested. \$2.00 per bushel. J. F. Feigley, Enterprise, Kan.

SEED CORN, REID'S YELLOW DENT, Shawnee White, \$1.70 bushel. Jos. Krasny, Topeka, Route 28.

INSPECTED DUNLAP, PAUL JONES, strawberry \$3; raspberry \$14 thousand. L. Swiggett, Troy, Kan.

KANSAS ORANGE CANE \$2.50 BUSHEL. Cleaned, certified, sacked. F.O.B. Wright Turner, Waterville, Kan.

ALFALFA, WHITE SWEET CLOVER, RECLEANED, \$9 bushel, sacks 45c. Robert Snodgrass, Augusta, Kan.

SEED CORN, PURITY AND GERMINATION certified. Prices reasonable. Lapid Stock Farm, Lawrence, Kan.

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APPLE AND PEACH TREES, LOW AS 10c. Grape vines 5c. Catalog free. Benton County Nursery Co., Desk C, Rogers, Ark.

PRIDE OF SALINE AND FREED WHITE Dent corn \$2.50 per bushel. All seed certified. Bruce S. Wilson, Keats, Kan.

BEAUTIFUL CANNA AND DAHLIA bulbs, straight colors, \$1.00 dozen, prepaid. Grandview Farm, Grantville, Kan.

FOR SALE, EXTRA FINE SUDAN SEED. Assaria Hardware Co., Assaria, Kansas.

KANSAS ORANGE CANE, CERTIFIED pure seed, good germination. Write for samples and prices. Stants Bros., Abilene, Kan.

RED AMBER SORGHUM SEED, 92% germination test by Agricultural College. \$1 per bushel. F. A. Lord, Dodge City, Kan.

NON-SUCKERING CORN, NEW WHITE Cane, Dwarf Feterita (54 inches). Originator and breeder. I. N. Farr, Stockton, Kan.

WATERMELON SEED, GENUINE IRISH Grey, Halbert Honey, Watson, Kleckleys, 75c lb., two \$1.25, postpaid. Tucker Bros., Byron, Okla.

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EVERGREENS, FRUIT TREES, PLANTS, roses and shrubs. Dependable stock. Write today for catalog and prices. Greenwood County Nursery Co., Eureka, Kan.

PLANTS: FLOWER, VEGETABLE, VINE and bulb plants. Cannas, roses, shrubs, perennials, etc. Delivered prepaid prices. Send for catalog. Weaver Gardens, Wichita, Kan.

150 DUNLAP STRAWBERRY PLANTS \$1; 100 Aroma strawberry plants \$1; 100 asparagus plants \$1; 20 rhubarb plants \$1, by mail prepaid. Albert R. Pine, Lawrence, Kan., Route 6.

10,000,000 FROST PROOF CABBAGE plants \$1-1000. Tomato plants \$1.25-1000. Lettuce, Beet, Pepper plants 25c hundred. Leading varieties. Prompt shipment. Clark Plant Co., Thomasville, Ga.

APPLE TREES, WINESAP, DELICIOUS, Gano, Ben Davis, Champion, 3 ft. high, 25 for \$3.50 or \$12 per hundred, prepaid. Choose varieties wanted. Literature free. Greenland Nursery, Greenland, Ark.

NANCY HALL AND PORTO RICO POTATO plants, in root protection, 500-\$1.25; 1000-\$2.35, postpaid. Nice basket free. Cabbage and tomatoes 1000-\$1.50, postpaid. Kentucky Plant Co., Hawesville, Ky.

SUDAN GRASS, ALFALFA, WHITE Sweet Clover, hulled and scarified seed, growers of White Sweet Clover. Let us have your order while stocks are complete. F. & N. Seed Co., Garden City, Kan.

SWEET POTATO PLANTS, DELIVERED prepaid. Ready now. Orders filled day received. Jerseys, Halls, 200 \$1.00; 1000 \$4.50; Black Spanish, Southern Queen 65 \$1.00. Weaver Gardens, Wichita, Kan.

ALFALFA-SWEET CLOVER, RECLEANED, Kansas non-irrigated alfalfa seed, 13c; and 22c; White Bloom Sweet Clover, 14c; scarified 16c per pound on request. Buy less bags 50c. Samples on request. Buy now and save money. The L. C. Adam Mfg. Co., Cedar Vale, Kan.

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Mail This to  
**Kansas Farmer and Mail & Breeze**  
Topeka, Kansas

Rate: 10 cents a word on single insertion; 8 cents a word each week if ordered 4 or more consecutive weeks.  
Minimum charge is \$1.

Count initials or abbreviations as words

## Fill This, Please!

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(State)

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## SEEDS—PLANTS—NURSERY STOCK

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SINGLE COMB BUFF LEGHORN EGGS per hundred \$4, two hundred \$7.50. Alice Groninger, Bendena, Kan.

PRIZE WINNING SINGLE COMB DARK Brown Leghorn eggs, 4 cents each. Walter Dorr, Osage City, Kan.

SINGLE COMB BUFF LEGHORNS, EGGS from Hoganized hens, \$5 per hundred. Clyde Craney, Peabody, Kan.

ROSE COMB BROWN LEGHORN EGGS. Fancy stock, egg getters. \$5 hundred. W. Groux, Concordia, Kan.

SINGLE COMB BUFF LEGHORN EGGS \$5 for 100. Hoganized, mated, real layers. W. R. Nelson, Ellsworth, Kan.

SINGLE COMB GOLDEN BUFF LEGHORN eggs, hundred \$4.50; chicks 13c. Prepaid. Herbert Rhodes, Clifton, Kan.

PURE LARGE TYPE EVERLAY S. C. Dark Brown Leghorn eggs, \$4.50 hundred. Martha Greenwood, Clifton, Kan.

SINGLE COMB WHITE LEGHORN EGGS, Barron strain, \$5 and \$7 per hundred. Lynn Albertson, Miltonvale, Kan.

ROSE COMB BUFF LEGHORN EGGS from high producing flock, \$4.50 hundred. Floyd Schaulis, Morrill, Kan.

BARRON WHITE LEGHORN EGGS, from special pens, high egg record, \$5 hundred. Edwin Flory, Monrovia, Kan.

FRANTZ STRAIN SINGLE COMB WHITE Leghorn eggs, \$5 per hundred, \$20 per 500. White Leghorn Farm, Otis, Kan.

BARRON'S S. C. WHITE LEGHORN EGGS \$4 per hundred. Chicks \$10 per hundred. Mrs. Walter Christopher, Milford, Kan.

FOR SALE: HATCHING EGGS, TOM BARRON strain White Leghorns, uniform, 6 cents. College Poultry Farm, St. Marys, Kan.

## Leghorn-Eggs

PURE STRAIN S. C. BUFF LEGHORNS. Winners, layers. Eggs postpaid 115-55; 240-110. Mrs. Jas. Dignan, Kelly, Kan.

PURE BRED S. C. W. LEGHORNS, AMERICAN strain, winter layers. Eggs \$4 per hundred. Mrs. Tom Dutton, Concordia, Kan.

SINGLE COMB BUFF LEGHORN EGGS. Range flock, winter layers. \$4.50 hundred, postpaid. Mrs. R. E. Hobbie, Tipton, Kan.

PURE BRED SINGLE COMB BUFF LEGHORN eggs \$5.00 hundred, postpaid. Satisfaction guaranteed. Dorothy Cooley, Goff, Kan.

PURE BRED ENGLISH STRAIN WHITE Leghorn eggs, \$4 per 100; also baby chicks \$15 per 100. Mrs. Henry Troutman, Plains, Kan.

ROSE COMB WHITE LEGHORN EGGS \$4 hundred. Heavy laying strain and prize winning stock. Mrs. Geo. A. Heymann, Burns, Kan.

SINGLE COMB BUFF LEGHORN EGGS, \$4.50 per 100. From prize winning stock, real winter layers. Mrs. Ernest A. Reed, Lyons, Kan.

PURE SINGLE COMB BUFF LEGHORNS, farm range, heavy winter layers. Hoganized. Eggs \$5 hundred. H. F. Richter, Hillsboro, Kan.

EGGS \$4 HUNDRED; CHICKS 15c. TAN-cered cockerels heading flock. Bred for high egg production. Henry W. Adam, Wakefield, Kan.

PURE BRED BRIGHT GOLDEN, WINTER laying, Single Comb Buff Leghorns. Eggs hundred \$4.50, setting 90c. Edwin Shearer, Frankfort, Kan.

BIG TYPE WINTER LAYING ENGLISH White Leghorn eggs, \$6-\$8.50 hundred prepaid. Selected matings. Mrs. Annie Hackett, Maryville, Mo.

STANDARD S. C. BUFF LEGHORN hatchling eggs \$5 hundred, pen \$1.50 per setting. Satisfaction guaranteed. Mrs. Henry Chard, Lincoln, Kan.

S. C. BUFF LEGHORNS, PURE GOLDEN Buff, heavy laying strain. Eggs, hundred \$5, fifty \$3, fifteen \$1. Mrs. S. C. Whitcraft, Route 3, Holton, Kan.

FERRIS 265-300 EGG STRAIN. DIRECT stock. Utility and exhibition. 90% fertility guaranteed. \$7.50 and \$10 hundred. Alan Fitzsimmons, Pratt, Kan.

TANCRED WHITE LEGHORNS. SEVEN years mating to Tancred males. 90% fertility guaranteed. 100 eggs \$5. Wm. J. Farley, Independence, Kan.

SINGLE COMB DARK BROWN LEGHORNS. Everlay strain direct; eggs \$5.50 hundred, postpaid; winning pens, \$3.50 setting. Mrs. Harvey Crabbs, Bucklin, Kan.

IF YOU WANT GOOD WINTER LAYERS buy Johnson's Rose Comb Buff Leghorn eggs at \$6 per 100. From a big healthy range flock. R. F. Johnson, Dunlap, Kan.

PURE BRED SINGLE COMB WHITE LEGHORNS, only \$5 hundred. Infertile eggs replaced at half price if returned 10 days after incubation. Anna Hutley, Maplehill, Kan.

BARRON'S LARGE TYPE SINGLE COMB White Leghorn eggs from imported trap-nested stock, 300 egg line; \$1.00-15, \$5.00-100. Mrs. Frank Smith, Route 2, Lawrence, Kan.

BARRON'S ENGLISH SINGLE COMB White Leghorns, 272-324 egg records. 100 eggs \$4.50. Also pen eggs. Fertility guaranteed. Circular free. Henry Wegman, Jr., Route 4, Sabetha, Kan.

PURE TANCRED SINGLE COMB WHITE Leghorn hatchling eggs, \$5 hundred from farm flock of 800 hens with ancestry record of 246 to 299. Satisfaction guaranteed. Harry Lee, Ft. Scott, Kan., Route 5.

LARGE ENGLISH BARRON SINGLE Comb White Leghorn 287-303 egg strain, hens mated to cockerels from trapnested prize winning stock. \$5.00-100 eggs postpaid. Ray Fulmer, Wamego, Kan.

PURE BRED S. C. W. LEGHORN, FERRIS-Yesterlay strain, bred for size, winter eggs. Flock mated to Hollywood 250-300 eggs strain direct. \$5.00-100, prepaid. Mrs. Myrtle Takemire, 2517 Lincoln, Topeka, Kan.

SINGLE COMB BUFF LEGHORN CERTIFIED eggs. Pen ranked 4th at end of 11 months in National egg-laying contest last year. All to cockerels from trapnested prize winning stock. \$6.50 and \$10 hundred postpaid. Dear's Poultry Farm, Riverdale, Kan.

IMPORTED WHITE LEGHORNS DIRECT from Oakdale Farms, D. Y. Young strain. Won silver cup Mid-West Show January 1924. Eggs \$1.50 for fifteen, \$5 per hundred. Mrs. E. A. Cory, Concordia State Bank, Concordia, Kan.

BARRON'S ENGLISH WHITE LEGHORN eggs. Pedigreed males that head flock bought direct from importer, from a pen of eight sisters trapnested by Tom Barron, Catforth, England, with high egg records. \$6 per hundred. Fred Tobler, Lyndon, Kan.

KOCH'S SINGLE COMB DARK AND Light Brown Leghorns, bred by me for 19 years. Eggs from dark mated pens for show and high egg production, \$5 and \$3 fifteen. Light pen \$3 fifteen. From dark free range flock \$6 hundred. Baby chicks \$14 hundred. G. F. Koch, Jr., Ellinwood, Kan.

EGGS-PURE TOM BARRON, ENGLISH, Single Comb White Leghorns, the large kind, carrying full blood lines of 304-314-332 egg hens, world's official champion egg laying contest winners. Flock No. 1 consists of hens specially selected for size, type, winter egg laying quantities and high egg capacity, mated with heavy weight, extra high rated, egg type cockerels; an exceptionally fancy, high egg producing, lop combed flock. Eggs from this mating 100-110, 50-55, 16-22.50. Flocks Nos. 2, 3 and 4 consist of high egg producing hens. Hogan tested and closely culled, all extra good egg type cockerels. Eggs from this mating 100-55, 50-53, 16-22. More money can be made from capital invested in a flock of high producing English Leghorn hens than from any other industry in the world. Heavy layers are great payers. Start right, raise 1,000 high producing English, Single Comb White Leghorn hens and make \$5,000 per year. Dr. J. Martin Haynes, Macksville, Kan.

## LANGSHANS

PURE BRED WHITE LANGSHAN EGGS, chicks, pens. Postpaid. Guaranteed. Sarah Greisel, Altoona, Kan.

WHITE LANGSHANS, PULLETS, HENS, chicks, eggs. First pen \$9.50; second \$7.50; range \$5.00. Delivered. Lee Kepler, Altoona, Kan.

## LANGSHANS

PURE BRED BLACK LANGSHANS, EGG tested, stock \$1.50 to \$3. Eggs, prepaid, fifteen \$1.50, hundred \$6. Chix 10c. Bertha King, Solomon, Kan.

## Langshan-Eggs

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

WHITE LANGSHAN EGGS \$1 SETTING, \$5 hundred. R. H. McMasters, Eskridge, Kan.

PURE BRED BLACK LANGSHAN EGGS \$5 hundred. Chicks \$14. P. Jenkins, Jewell, Kan.

PURE BRED WHITE LANGSHAN EGGS, extra good layers. \$5 hundred. Hugo Fleischhaus, Linwood, Kan.

PURE BRED WHITE LANGSHAN EGGS, fifteen \$1.50, hundred \$6.00. Elizabeth Koehn, Halstead, Kan.

PURE BRED WHITE LANGSHAN EGGS, \$5 hundred. Chicks \$15 hundred. Shipping point Garden City. J. W. Dimitt, Plymouth, Kan.

PURE BRED WHITE LANGSHAN CERTIFIED flock, 1924 prize winners, won in state of certified flocks for highest egg record. Eggs \$1.50 fifteen, \$7 hundred, prepaid. Mrs. Carl Nebelung, Waverly, Kan.

## MINORCAS

EGGS AND CHICKS FROM PRIZE WINNING Buff Minorcas. C. M. Gerth, Lane, Kan.

BLACK, WHITE, BUFF MINORCAS. Chicks and eggs. Claude Hamilton, Garnett, Kan.

WHITE MINORCAS, BOTH COMBS. EGGS \$2 fifteen. Baby chicks. Jonathan Schmidt, Rich Hill, Mo.

GAMBLE'S MAMMOTH SINGLE COMB White Minorcas. Eggs. Baby Chicks. Mrs. C. Gamble, Earleton, Kan.

PURE LARGE TYPE SINGLE COMB Black Minorca eggs, 100-55. Chicks \$15 prepaid. Herbert Rhodes, Clifton, Kan.

SINGLE COMB WHITE MINORCAS. EXTRA layers, heavy weighers, nonlayers, farm range. Eggs \$7, chicks \$20 per hundred. Postpaid. Santa Fe Poultry Farm, Cunningham, Kan.

## Minorca-Eggs

WHITE MINORCA EGGS, \$7-100. SUSIE Johnson, Isabella, Okla.

BUFF MINORCA EGGS FOR HATCHING. Mrs. Hannah Shipley, Eskridge, Kan.

JOINT STRAIN WHITE MINORCA EGGS \$5 hundred. E. Farnsworth, Burlingame, Kan.

SINGLE COMB WHITE MINORCA EGGS, \$8.00 per hundred. Elmer Hershberger, Newton, Kan.

SINGLE COMB BLACK MINORCA EGGS \$5 hundred. Cullied, postpaid. Wm. Thornton, Clay Center, Kan.

## Orpington-Eggs

S. C. BUFF ORPINGTON EGGS, 5 CENTS each. Dean Meeker, Summerfield, Kan.

PURE BUFF ORPINGTON EGGS \$6 HUNDRED. Winter layers. Floyd Faw, Newton, Kan.

SINGLE COMB BUFF ORPINGTON EGGS, \$4 hundred. Pleasantview Farm, Little River, Kan.

SINGLE COMB BUFF ORPINGTON EGGS \$4 hundred postpaid. Flada Jenkins, Jewell, Kan.

PURE BRED SINGLE COMB BUFF ORPINGTON 100-54. Mrs. Vernon Nichols, Mankato, Kan.

SINGLE COMB BUFF ORPINGTON EGGS, Hoganized, \$4.75, prepaid. Mabel Marshall, Clifton, Kan.

BUFF ORPINGTON EGGS, THREE, FIVE and ten dollars per setting. J. A. Kauffman, Abilene, Kan.

BUFF ORPINGTON EGGS, EXTRA LARGE birds, \$1.50 fifteen, \$5 hundred. Walter Brown, Perry, Kan.

CERTIFIED BUFF ORPINGTON EGGS \$5 per hundred, \$1.25 per setting. A. C. Furney, Alta Vista, Kan.

PURE BRED SINGLE COMB BUFF ORPINGTON eggs 100-55.50; 50-53, prepaid. Mrs. George McAdam, Holton, Kan.

CERTIFIED, GRADE A, S. C. BUFF ORPINGTON eggs, \$6 hundred, \$3.50 fifty, \$1.50 fifteen. Mrs. Orle Shaffer, Waverly, Kan.

BUFF ORPINGTON EGGS, CERTIFIED flock, Class B. Vigorous winter layers. 100-56, 15-21.25. Mrs. Robt. Cash, Ottawa, Kan.

SINGLE COMB BUFF ORPINGTON EGGS farm range flock culled production specialty. \$6.00 hundred. Russell Ware, Cawker, Kan.

PURE BRED BUFF ORPINGTONS, CARE-fully bred fourteen years. Eggs \$6.50 hundred, \$1.25 fifteen, prepaid. Olive Carter, Mankato, Kan.

BYERS STRAIN ORPINGTON EGGS. TRUE type, even buff, heavy layers. \$6 hundred. Pens \$2. Postpaid. Baby chicks 15c and 30c each. Jno. Slentz, Chase, Kan.

## PLYMOUTH ROCKS

THOMPSON'S RINGLET BARRED ROCK eggs \$6. Chicks \$15 hundred. Geo. Steele, Toronto, Kan.

BUFF ROCKS, EGGS AND COCKERELS from prize winners. Mrs. Robt. Hall, Neodesha, Kan.

BARRED ROCKS. 93 PREMIUMS, CHOICE cockerels. Eggs after April 1. Mattie A. Gillespie, Clay Center, Kan.

PURE BUFF ROCK CHICKS \$15-100, \$8-50. Live arrival. Eggs \$3.50-50, \$6-100. Postpaid. Vivian Anderson, Oswego, Kan.

JEWETT BARRED ROCKS; LIGHT, DARK, standard matings. Eggs 10c to \$1 each. Chix 20c to \$2 each; per pound 40c to \$4. Robert Jewett, Burlington, Kan.

WHITE ROCKS, EXTRA FINE LARGE birds, bred and culled for high winter egg production. \$5 hundred; chicks 15c. Mrs. S. F. Bryan, Route 7, Independence, Kan.

150 IMPERIAL RINGLET BARRED Plymouth Rock cockerels. Largest Rocks in Kansas. Exhibition stuff. Bred for size, beauty and egg production. Chicks and eggs from same stock. Write for prices. North Willow Poultry Ranch, Route 4, Coffeyville, Kan.

## PLYMOUTH ROCKS

WHITE ROCKS, FISHEL DIRECT, EGGS, baby chicks. Inquire Carl Keeling, Neodesha, Kan.

## Plymouth Rock-Eggs

BUFF ROCKS \$5 HUNDRED. JOHN MEL-lenbruch, Morrill, Kan.

BUFF ROCK EGGS, 100-56. MRS. FRANK Rogers, Winfield, Kan.

BARRED ARISTOCRATS, SPECIAL PENS, eggs \$3. M. Morse, Cheney, Kan.

BARRED ROCK EGGS \$5 PER HUNDRED. Raymond Carlisle, Toronto, Kan.

BUFF ROCK EGGS \$6 PER HUNDRED. William A. Hess, Humboldt, Kan.

PURE BRED BUFFS. EGGS \$5.50-100, postpaid. M. Roney, Benedict, Kan.

PURE WHITE ROCK EGGS \$4 PER HUNDRED. John Hoover, Greenleaf, Kan.

THOMPSON BARRED ROCK EGGS, \$5.50 hundred. Leonard Bonar, Vining, Kan.

WHITE ROCKS. EGGS 100-55; CHICKS 15c. Mrs. John Hoornbeek, Winfield, Kan.

THOMPSON'S RINGLET BARRED ROCK eggs \$5 hundred. L. Swiggett, Troy, Kan.

BUFF ROCK EGGS \$4.00 HUNDRED. Cullied flock. Almarine Guttery, Alton, Kan.

WHITE ROCK EGGS, \$1 PER FIFTEEN, \$5 per hundred. Mrs. Elwin Dales, Eureka, Kan.

HEAVY PRODUCERS. BARRED ROCK eggs \$5-100, \$1-15. E. E. Keifer, Lawrence, Kan.

PARK'S BARRED ROCK EGGS, \$1.00 FIFTEEN, \$5.00 hundred. Mrs. E. K. Davis, Udall, Kan.

WHITE ROCKS, WICHITA SHOW BLUE winners. \$5 hundred. Emma Curtis, Larned, Kan.

WHITE ROCK EGGS, IVORY STRAIN, \$5 hundred prepaid. Herman Dohrman, Hudson, Kan.

RINGLET AND 300 EGG STRAIN BARRED Rock eggs \$7 hundred. A. G. Hammond, Vian, Kan.

WHITE ROCK BABY CHICKS 15c; ALSO eggs. Certified Class A. H. L. White, Elk City, Kan.

PARTRIDGE ROCK EGGS, WINTER LAY-ers. \$1.50 fifteen; \$8 hundred. Geo. L. Pink, Ottawa, Kan.

BUFF ROCKS, TWENTY-SECOND YEAR, eggs \$6 hundred, \$3 fifty. Mrs. Homer Davis, Walton, Kan.

BARRED ROCKS, DARK DEEP BARRING. Yard eggs 15-55; range 100-56. Mrs. J. B. Jones, Abilene, Kan.

WHITE ROCK EGGS, \$5.00 HUNDRED. Prize winning stock. Mrs. George Crawford, Muscotah, Kan.

PURE BRED WHITE ROCK EGGS, STATE expert culled, \$6 hundred. Mrs. Verna Bowser, Abilene, Kan.

IMPERIAL RINGLET BARRED ROCK eggs \$5 hundred, \$2 thirty. Catherine Beightel, Holton, Kan.

BARRED ROCK EGGS, LAYING STRAIN, \$1.25-15, \$6.00 hundred. Mrs. A. M. Markley, Mound City, Kan.

BARRED ROCKS, THOMPSON STRAIN, good layers. Eggs \$4 hundred. H. E. Massel, Peabody, Kan.

WHITE ROCKS, FISHEL DIRECT, HEAVY layers, prize winners. Eggs, hundred, \$6. A. E. Basye, Coats, Kan.

PRIZE STOCK, BARRED ROCK EGGS, \$1.50 per 15, \$5 per hundred. Mrs. A. M. Shipley, Coffeyville, Kan.

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

WHITE ROCKS, NONE BETTER. EGGS \$5 per hundred, postpaid. Bracken Fogle, Williamsburg, Kan.

FISHEL STRAIN WHITE ROCKS, CERTIFIED. A. Pen \$3, range \$6-100. Mrs. James McCreath, White City, Kan.

BUFF ROCK EGGS, \$1.50-15; \$6-100, postpaid. Large boned winter layers. Clarence Wilkinson, Cedar Vale, Kan.

THOMPSON BARRED ROCK EGGS FIFTY \$3, hundred \$5, postpaid. Henry Schlatter, 2114 Park, Topeka, Kan.

PARK'S BARRED ROCKS, CERTIFIED. Pens \$2 setting; range \$5 per hundred. Will Young, Clearwater, Kan.

KOZY KORNER FARM, BARRED ROCKS exclusively. High producing, \$5 hundred. C. M. Gilliland, Peabody, Kan.

100 BUFF ROCK EGGS \$5.50, FIFTY \$3, 200 or more \$5 hundred. Baby chicks 15c. Mrs. Maggie E. Stevens, Humboldt, Kan.

ARISTOCRAT BARRED ROCKS DIRECT. Eggs, fifty \$3; pens, fifteen \$3. Matings list. Mrs. T. E. Anderson, Kincaid, Kan.

WINTER LAYING STRAIN BARRED Rocks. 40 years. Eggs 15-21; 100-55. Valuable circular free. O. E. Skinner, Columbus, Kan.

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

WHITE ROCK EGGS, HUNDRED, \$5.00. Cullied flock. Chicks 12 cents, live delivery, prepaid. Mrs. Theodore Steffen, Broughton, Kan.

PARKS 34 YEARS TRAPNEST BREED-ing. Barred Rock eggs for hatching. World's best layers. Government test. Robt. B. Snell, Colby, Kan.

BRADLEY STRAIN BARRED ROCKS. Bred for size, barring, eggs. Eggs very fertile. 100-56.00, 15-21.25. Mrs. S. Van Scoyoc, Oakhill, Kan.

BARRED ROCK RINGLET STRAIN EGGS, \$3 per hundred at farm, \$4 parcel post prepaid. Mrs. Ralph Helkes, Wakefield, Kan. Industry phone.

THOMPSON STRAIN BARRED ROCKS. Large boned, vigorous and farm raised. Eggs 100-55, 50-53. Prepaid. Mrs. A. C. Mauzy, Cummings, Kan.

THOMPSON'S PURE BRED R



## Plymouth Rock—Eggs

**WHITE ROCK EGGS, FISHEL STRAIN,** \$3.00-100. Mrs. Nellie Bird, Eudora, Kan.  
**BUFF ROCK EGGS, THIRTY \$2.25.** HUNDRED \$6. Mrs. Guy Nelson, Circleville, Kan.  
**WHITE ROCKS, STATE CERTIFIED** Class A. State, Tri-State blue winners. Eggs \$6 hundred. Frank Applebaugh, Cherryvale, Kan.  
**PURE THOMPSON IMPERIAL NARROW** Barred Rocks, large beauties; yard eggs \$2. Fertility guaranteed. M. Fisher, Kimball, Kan.  
**BUFF ROCK EGGS, PURE BRED FROM** State and National winners, postpaid, 100-\$7, 50-\$4, 15-\$1.50. Mrs. C. N. Mason, Uniontown, Kan.  
**RINGLET BARRED ROCKS, SELECTED** range with males of exhibition and trap-nest egg record stock. \$3.00 hundred; yards \$5.00-15. Mrs. Kaesler, Junction City, Kan.  
**WHITE ROCK EGGS FROM STATE CER-** tified flock graded A. 1923 and 1924. 1500 \$5.00, 100-\$4.00, 100-\$7.00. White Rock breeder 22 years. J. R. Applebaugh, Cherryvale, Kan.  
**BARRED ROCKS, LARGE BONE, YEL-** low legs, deep dark barring. Bradley heavy laying strain. 100 eggs \$6.25, postpaid. 50-\$3.50, 15-\$1.50. Mrs. Ira Emig, Abilene, Kan.  
**EXCELLENT WHITE ROCKS, EXHIBI-** tion, high producing, 200 egg strain hens again mated to cockerels with over 200 egg records. Eggs \$5.00-100. H. C. Loewen, Peabody, Kan.  
**WHITE ROCKS, EXHIBITION TRAP-** nested strain. Eggs \$6.50 hundred. Pens, pedigreed males, \$2.50-\$5 fifteen, \$6 fifty. Stock for sale. Chas. Black-welder, Isabel, Kan.  
**PURE BRED DARK BARRED ROCKS.** State certified 1924. Aristocrat Ringlet strain. Eggs \$6 per hundred, \$3.50 per fifty, \$1.50 per setting. Mrs. Ira Ridenour, Emporia, Kan., Route 7.  
**PURE BRED WHITE ROCKS, FISHEL** strain, heavy laying stock, culled. Farm range cockerels direct from Fishel. Eggs fifty \$3, hundred \$5.50, prepaid. Mrs. John Kasberger, Eudora, Kan.  
**EGGS: BARRED ROCKS, THOMPSON** strain; show winners, winter layers, males from trap-nested stock. Pen \$3 fifteen; range \$1.50 fifteen, \$6 hundred. Pleasant Valley Poultry Farm, Ashland, Kan.  
**MAMMOTH WHITE ROCKS, POORMAN'S** trap-nested pedigree, 300 egg strain direct. The world's best layers. 100 eggs \$6.50; 50, \$3.50, prepaid. Satisfaction guaranteed. Gertrude Milla, Sabetha, Kan.  
**BARRED ROCKS: PARK'S 34 YEAR** trap-nested over 200 egg strain. Certified, headed by pedigreed males. Pen eggs setting \$2.50; 100-\$10; flock 100-\$6. Chicks 25c and 20c. Mrs. F. Hargrave, Richmond, Kan.  
**PURE THOMPSON IMPERIAL RINGLET** eggs. Trap-nested. Both matings. Winners American Royal, Wichita National, Greenwood County Fair. \$5 fifteen; range \$3 fifteen, \$15 hundred. Mrs. Robert Simmons, Severy, Kan.  
**SIMS BARRED ROCKS (DARK LINE).** Champions at State and National shows. Won at Wichita 1922, fifteen premiums; best display, Kansas City, 1923, silver cup for best display; at State Show, Topeka, last December, 10 prizes with every bird under ribbons. My pens contain practically all of above winners. Eggs 15-\$5, 30-\$9. George Sims, LeRoy, Kan.

## RHODE ISLAND REDS

**A. C. REDS, OWENS MAHOODS DIRECT.** Cockerels, pullets, cock. Excellent quality. Eggs \$2 to \$5. Sol Banbury, Pratt, Kan.  
**ROSE COMB RHODE ISLAND COCKER-** els, extra large, rich brilliant red, heavy laying strain, \$3.50 four or more \$3 each. Eggs. Pen mating \$1.50 per setting. G. H. Meier, Alma, Kan.

## Rhode Island—Eggs

**SINGLE COMB REDS, 100 EGGS \$5; SET-** ting \$1. Gertrude Haynes, Grantville, Kan.  
**ROSE COMB RED EGGS, 100-\$6; 15-\$1.25.** Postpaid. Easterly & Easterly, Winfield, Kan.  
**PURE ROSE COMB RED EGGS \$5 HUN-** dred. Mrs. Harry Walker, White City, Kan.  
**SINGLE COMB PURE REDS. EGGS \$1.50** fifteen, \$5 hundred. J. W. Bain, Pleasant Hill, Mo.  
**EGGS: BOTH COMB REDS, \$1.25 SET-** ting. Dr. Thompson, 1010 Avenue A, Dodge City, Kan.  
**ROSE COMB RHODE ISLAND REDS, CER-** tified pen, fifteen \$1.50. Chas. Cress, Council Grove, Kan.  
**PURE BRED ROSE COMB RHODE ISL-** and Reds, \$7 hundred, \$4 fifty. Mrs. Fred Walter, Wallace, Neb.  
**PURE BRED LARGE DARK ROSE COMB** Red eggs, \$5 per hundred, fifty eggs \$3. Milton Krainbill, Bern, Kan.  
**PURE BRED DARK ROSE COMB RED** Eggs 100-\$6, postpaid. Free range. Mrs. Chas. Lewis, Wakefield, Kan.  
**LARGE DARK SINGLE COMB REDS.** Eggs \$4 hundred. Culled flock. Mrs. Bert Schwartz, Concordia, Kan.  
**DARK ROSE COMB RED, SELECTED** layers. Eggs \$1.50 per 15; \$7 per 100, shipped. T. E. Hunt, Lebo, Kan.  
**C. RED EGGS, LARGE BONE, POST-** paid \$5.50 hundred, \$3 fifty, \$1 fifteen. H. F. Enz, Fredonia, Kan.  
**HEAVY PRODUCING SINGLE COMB** Reds, \$5 hundred; chicks 13c, postpaid. Dan Williams, Wetmore, Kan.  
**ROSE COMB REDS, PURE BRED, FIFTY** eggs \$1 delivered. Safe arrival guaranteed. Howard Vail, Marysville, Kan.  
**ROSE COMB RED EGGS, PURE, LARGE,** 125, hundred \$4.75. Melvin Whitehead, Walnut, Kan.  
**PURE BRED LUSTROUS MAHOOGANY** Red, Rose Comb Rhode Islands. Eggs, hundred \$5.50, setting \$1. Mattie Shearer, Frankfort, Kan.  
**HEALTHY, LONG BACKED, DARK ROSE** Comb Reds. Eggs 100-\$6. Fertility guaranteed. Insured, prepaid. Hazel DeGeer, Lake City, Kan.  
**EGGS FROM BIG BUSTER DARK VEL-** vet Red pure bred Rose Comb Rhode Island. \$6 per hundred, by insured parcel post. William Shields, Waterloo, Kan.

## Rhode Island—Eggs

**BIG, LONG, DARK REDS; ROSE COMB.** Hillside Farm, Onaga, Kan.

**PURE BRED DARK ROSE COMB RED** eggs 100-\$6; 50-\$3.25; free range. Chicks 15 cents each postpaid. Mrs. Gerald Campbell, Broughton, Kan.

**ROSE COMB RHODE ISLAND REDS** from best exhibition laying strains. Large, dark red. Hundred eggs \$6, postpaid. A. J. Turinsky, Barnes, Kan.

**TRAPNESTED PEDIGREED S. C. REDS.** Chicks 15c, 20c, 50c. Range eggs \$6 hundred. Pen \$5 fifteen. Circular free. J. A. Bockenstette, Sabetha, Kan.

**LARGE DARK RED SINGLE COMB EGGS** from prize winning trap-nested stock; 15-\$1.50, 100-\$7. Records to 264. Mrs. Frank Smith, Route 2, Lawrence, Kan.

**SINGLE COMB REDS, THOROUGHLY** tested. 175-235 egg type, hundred \$4. Special pen 235-265 egg type \$1 fifteen. Mrs. Will Hopwood, Abilene, Kan.

**DARK ROSE COMB RHODE ISLAND** Reds, Imperial 250 egg strain, prize winners. \$6-100, \$3.50-50, \$1.25 setting. Prepaid. J. H. Carney, Peabody, Kan.

**DARK SINGLE COMB RHODE ISLAND** Reds, Tompkins' 250 egg strain. Prize winners. \$6-100, \$3.50-50, \$1.25 setting. Prepaid. G. A. Carney, Peabody, Kan.

**ROSE COMB RED EGGS, EXHIBITION** pens \$3, \$5, fifteen. Hoganized pens, rich color, \$1.50 fifteen, \$7 hundred. Postage prepaid. Alice Clinkensbeard, Wetmore, Kan.

**SINGLE COMB RHODE ISLAND RED** eggs. First pen hundred \$10, fifteen \$2.25. Second pen hundred \$5, fifteen \$1.25. State certified. Pete Anderson, Burlington, Kan.

**PURE ROSE COMB RED EGGS, STAND-** ard hens, sired by cockerels whose dams trap-nested 204-240 eggs last year. Hundred \$8 prepaid. Mrs. Earle Bryan, Emporia, Kan.

**EGGS FROM HIGH CLASS EXHIBITION** and laying strain of S. C. Reds. Pen matings \$2.50, \$3.50, \$5 per fifteen. Range \$7 per hundred. Kaspar's Red Yards, Clay Center, Kan.

**MAHOOD-COWDRY S. C. REDS. BRED** to lay, pullets laying 6 months of age. Range eggs \$6 hundred, \$1.50 fifteen. Pen \$3, \$5, \$7 fifteen eggs. Mrs. Nell Kimble, Carbondale, Kan.

**R. C. RED EGGS, HEAVY LAYING** strain with records up to 323 eggs per year. The big dark red kind that weigh, lay and pay. Eggs \$6.50 per hundred. Della Unruh, Galva, Kan.

**S. C. REDS, RICKSECKERS AND ELIS** dams, Tompkins sires, culled for laying and color by state licensed judge. \$7 hundred, \$4 fifty; pen \$10 fifteen. Mrs. Geo. Wharton, Agenda, Kan.

**STATE CERTIFIED HIGH RECORD FLOCK** of Single Comb Reds, Owen Farm's strain. Eggs 100-\$8; 15-\$1.50. Trap-nested pen matings, 15-\$7.50. Mating list free. Mrs. Sophia Lindgren, Dwight, Kan.

**PURE ROSE COMB REDS, DARK, RICH** red, bred for 18 years for quality and egg production. Eggs \$6 per 100 prepaid. Safe delivery, high fertility guaranteed. Mrs. Clyde Meyers, Fredonia, Kan.

**STATE CERTIFIED CLASS A TRAP-** nested Rose Comb Reds. Selected pen matings for exhibition and heaviest egg production. Write for mating list. Mrs. James Gammell, Council Grove, Kan.

**S. C. RED CHICKS FROM DARK HOGAN-** ized dams; sires from Tompkins heavy laying Madison Garden winners, 25c; eggs \$10 hundred, \$2 fifteen, postpaid. Satisfaction guaranteed. Mrs. Royal Henderson, Munden, Kan.

**ROSE COMB, RED TO SKIN KIND,** large bone, selected for color, size, egg production, prize winners, cocks weighing to 12 lbs., hens to 10. 100-\$7.50; 50-\$4.50, 15-\$1.50, prepaid in Kansas. T. E. Brouillette, Miltonvale, Kan.

**STANDARD BRED, ROSE COMB REDS.** Large brilliant dark red. Exhibition quality. First prize winners at State Red Meet. Mated and selected for high egg production by licensed judge. Eggs: range 15-\$1.50; 50-\$4; 100-\$7, postpaid. Mrs. Arthur Woodruff, Miltonvale, Kan.

**STANDARD BRED ROSE COMB RED** eggs from winners Kansas City, Topeka, Hutchinson, other shows. Large boned, dark red, selected bred-to-lay strain. Fifteen \$2; fifty \$5.50; hundred \$10. Chicks 25c. Postpaid. Satisfaction guaranteed. G. H. Lowder, Waverly, Kan.

## Rhode Island White—Eggs

**ROSE COMB RHODE ISLAND WHITE** eggs 5c each. Emma Meek, Route 1, Mapleton, Kan.

**ROSE COMB RHODE ISLAND WHITE** eggs \$6 hundred, \$1.50 fifteen. Will Goehner, Zenda, Kan.

**ROSE COMB WHITES, WINTER LAY** kind. 100 eggs \$3; 50-\$4.50; 15-\$1.50. E. Bidleman, Kinsley, Kan.

**ROSE COMB WHITE EGGS \$5; chicks** \$16. Laying strain, expert culled. Lloyd Kimball, Manchester, Kan.

**ROSE COMB RHODE ISLAND WHITES,** 300 egg strain, \$1.50 setting, \$8 hundred. Baby chicks 20c each. Mrs. Grace Mercer, Beloit, Kan.

## SEVERAL VARIETIES

**949 COCKERELS, 15 VARIETIES, HATCH-** ing eggs, baby chicks. Free book. Aye Bros., Blair, Neb., Box 5.

**FANCY RED SINGLE COMB EGGS.** Chicks. Pekin Duck eggs. Mrs. Lars Peterson, Osage City, Kan.

**68 VARIETIES FINE PURE BRED CHICK-** ens, ducks, geese, turkeys, fowls, eggs, baby chicks. Large catalog 5c. A. A. Ziemer, Austin, Minn.

**HATCHING EGGS, RHODE ISLAND REDS,** Both combs. Jersey Black Giants. Golden Seabright Bantams. Free descriptive folder. Sibley's Poultry Farm, Lawrence, Kan.

## TURKEYS

**HENS, CHOICE WHITE HOLLANDS, \$6** each. Henry Binard, Burlington, Colo.

**MAMMOTH BRONZE, GOLDBANK** strain toms \$8, hens \$6. Elizabeth Gaughan, Earleton, Kan.

**PURE BRED GOLDEN BRONZE TOMS, 23** lbs., \$10, 32-\$12. Parent to 40 lbs., hens 22 lbs. Eggs 50c. Mrs. Fred Walter, Wallace, Neb.

## Turkey—Eggs

**BRONZE TURKEY EGGS 25 CENTS EACH.** Ben Brinkema, Amherst, Colo.

**PURE NARRAGANSETT EGGS 50c PRE-** paid. Mrs. Mabel Shaw, Kinsley, Kan.

**MAMMOTH BRONZE EGGS 45 CENTS,** postpaid. Bluff Pearson, Wellington, Kan.

**BOURBON RED TURKEY EGGS, 35 CENTS** each. S. C. Lundberg, McPherson, Kan.

**BOOKING ORDERS, WHITE HOLLAND** eggs \$4.50 dozen. Lottie Enke, Green, Kan.

**PURE NARRAGANSETT TURKEY EGGS,** 50c each. Mrs. W. F. Hisey, Garden City, Kan.

**MAMMOTH BRONZE TURKEY EGGS,** \$4.50 for eleven. W. Robinson, Viola, Kan.

**MAMMOTH BRONZE TURKEY EGGS, 50c** each. Postpaid. H. V. Ellis, Clay Center, Neb.

**PURE BOURBON RED TURKEYS; TEN** fertile eggs \$4 postpaid. P. B. Way, Canton, Kan.

**WHITE HOLLAND TURKEY EGGS 45c** each. Large type. Mrs. Will Hopwood, Abilene, Kan.

**PURE BRED NARRAGANSETT TURKEY** eggs \$5 for twelve. Postpaid. John P. Franke, Herndon, Kan.

**PURE BOURBON RED TURKEY EGGS;** large healthy stock, \$4.50 for 10. Mrs. E. C. Grizzell, Clarin, Kan.

**PURE BRED MAMMOTH BRONZE TUR-** key eggs from mature stock, 50c prepaid. Mrs. M. E. Storm, Beardale, Kan.

**GIANT GOLDBANK TURKEY EGGS \$1,** twelve \$10. Bird Bros. tom, hens from 50 lb. tom. Ben Ely, Kinsley, Kan.

**FAMOUS GOLDBANK GIANT BRONZE** turkeys. Vigor, size, color. Eggs \$1.00 each. Stock. Vira Bailey, Kinsley, Kan.

**PURE BRED WHITE HOLLAND TURKEY** eggs for sale. Immediate and future delivery. \$5 for \$12. Mrs. F. G. Morton, Green, Kan.

**MAMMOTH GOLDBANK BRONZE EGGS.** Unrelated 18-24 hens, prize winning toms. Two thirds fertility guaranteed. Prepaid. \$5 dozen. Mrs. Frank Sutcliffe, Gove, Kan.

**BOURBON RED TURKEYS, BIG, FINELY** colored, healthy birds. Eggs \$5 per 10. Safe delivery, high fertility guaranteed. Catalog. Mrs. Clyde Meyers, Fredonia, Kan.

## WYANDOTTES

**BUFF WYANDOTTE COCKERELS \$2.00;** eggs \$5.00. Minnie Holt, Wilmet, Kan.

**DORCAS REGAL WHITE WYANDOTTES.** Eggs \$5.50 hundred; chicks 15c. Live delivery, prepaid. James Christiansen, Canton, Kan.

**WHITE WYANDOTTES, FISHEL EGG-A-** day strain. Eggs 15-\$1, 50-\$3, 100-\$5.50. Order your May baby chicks now; 100-\$15, 50-\$8, prepaid. Cora Shields, Clifton, Kan.

## Wyandotte—Eggs

**ROSE WHITE WYANDOTTE EGGS \$5.00.** Mrs. S. F. Crites, Burns, Kan.

**PARTRIDGE WYANDOTTE EGGS 15-\$1.50.** Nellie Finley, Blue Mound, Kan.

**SILVER LACED WYANDOTTE EGGS \$5.50** hundred. Leonard Bonar, Vining, Kan.

**SILVER LACED WYANDOTTE EGGS.** Pens, flock. Fred Skalicky, Wilson, Kan.

**WHITE WYANDOTTE EGGS \$5.00 HUN-** dred. Mrs. Anna Larson, White City, Kan.

**WHITE WYANDOTTE EGGS, MARTIN** strain, \$5 hundred. J. W. Hollis, Holton, Kan.

**MARTIN STRAIN WHITE WYANDOTTE** eggs, hundred \$5. Mrs. Tom Moore, Hays, Kan.

**ROSE COMB BUFF WYANDOTTE EGGS** 75c-15; \$4.50-100. Paul Schmanke, Alma, Kan.

**SILVER LACED WYANDOTTE EGGS \$2.25-** 30, \$5-100. H. Kern, 111 East 21st, Topeka, Kan.

**GOLDEN LACED WYANDOTTE EGGS,** \$1-15, \$5-100. Mrs. John Smith, Fredonia, Kan.

**PURE COLUMBIAN WYANDOTTE EGGS,** 15, \$1.25; 100, \$6, prepaid. H. E. Glantz, Bison, Kan.

**PRIZE WINNING PARTRIDGE WYAN-** dottes. Eggs \$6 hundred. Wm. Hebbard, Milan, Kan.

**PURE BRED WHITE WYANDOTTE EGGS** \$4 hundred, 75c fifteen. Solomon Gabelmann, Natoma, Kan.

**KEELER'S LAYING STRAIN PURE BRED** White Wyandotte eggs, \$6 hundred. Sadie Springer, Manhattan, Kan.

**STATE CERTIFIED MARTIN-KEELER** White Wyandotte eggs \$6 hundred. Mrs. Thomas Young, Day, Kan.

**KEELER'S LAYING STRAIN WHITE WY-** andotte eggs, \$5.50-100; \$3.00-50. Mrs. Jerry Melichar, Caldwell, Kan.

**PURE SILVER WYANDOTTES, EXTRA** large Tarbox strain. Eggs \$6 hundred. Martha Greenwood, Clifton, Kan.

**WHITE WYANDOTTE EGGS; BABY** chicks. 285 egg strain. Mating list. Mrs. A. J. Higgins, Effingham, Kan.

**WHITE WYANDOTTE EGGS, LARGE** prize winning stock, extra good layers. \$5.00 hundred. David Keller, Chase, Kan.

**PURE BRED WHITE WYANDOTTE EGGS,** Range flock, heavy layers, \$6 hundred, prepaid. Arthur Erickson, Pawnee Rock, Kan.

**WHITE WYANDOTTES, MARTIN STRAIN.** Bred for quality, size and heavy egg production. \$5.50-108 prepaid. Mrs. Lydia Coleman, 2517 Lincoln Street, Topeka, Kan.

**WHITE WYANDOTTES DIRECT FROM** Martin-Keelers show quality record layers. 100 eggs \$6. Write for prices on special matings and chicks. H. O. Collins, Fontana, Kan.

**DORCAS LAYING STRAIN WHITE WY-** andotte prize winners direct from Martin, heaviest egg production. Flock expert culled. Eggs \$6 hundred; chicks 15c. Prepaid. B. L. Carney, Marion, Kan.

**PURE BRED WHITE WYANDOTTE, MAR-** tin Dorcas strain direct, culled by licensed judge. Eggs \$7 hundred, \$1.25 setting, prepaid. Satisfactory hatch guaranteed. Chas. Kaiser, Miltonvale, Kan.

**WHITE WYANDOTTES: MARTIN-KEEL-** er strains direct. Record layers, closely culled. 50 eggs \$3.25; 100-\$6; 500-\$17.50; 500-\$27.50. Safe delivery and satisfaction guaranteed. Baby chicks 100-\$18, prepaid, live delivery. Garland Johnson, Mound City, Kan.

## The Farmiscope

## Fired for Cause

"Say, mamma, was baby sent down from heaven?"  
 "Why, yes."  
 "Um. They like to have it quiet up there, don't they?"

## A Mere Precedent

"Miss Prim insists upon calling herself a girl."  
 "Well, why shouldn't she? New York still calls itself 'new.'"

## Living Up to One's Reputation

Mr. Hoot Owl—"It's no snap trying to live up to a reputation for being wise—nobody expects anything of a jackass."

## Somewhat Official

Income Tax Official—"And is the separation from your husband an official one?"

Kate—"I dunno about 'official.' All I knows is as when 'e comes to our 'ouse, we calls the police an' they chucks 'im out.'"

## Her Little Extravagance

Mandy—"I've decided to leave mah husband."

Hanna—"How come? Is you beginnin' to economize?"

## Mostly Orphans

Judging by the attendance at the parents' and teachers' meeting, it would seem most of the children are orphans.

## Breaking the Pair

During a very hot spell a man was riding in his Ford with one foot hanging out over the door. A small boy, noticing this, shouted after him: "Hey, mister! Did you lose your other roller skate?"

## Of Course Not

"Can't you wait on me?" asked the impatient customer. "Two pounds of liver. I'm in a hurry."

"Sorry, madam," said the butcher, "but two or three are ahead of you. You surely don't want your liver out of order."

## Wyandotte—Eggs

**BARRON'S WHITE WYANDOTTES.** World's greatest layers. 15 eggs, \$2; 100, \$9, prepaid. 60% hatch guaranteed. H. A. Dressler, Lebo, Kan.

## POULTRY PRODUCTS WANTED

**SURPLUS POULTRY SHOULD BE MAR-** keted now. Coops loaned free. The Copes, Topeka, Kan.

**PREMIUM PRICES PAID FOR SELECT** market eggs and poultry. Get our quotations now. Premium Poultry Products Company, Topeka.

## POULTRY SUPPLIES

**ANDERSON CHICK BOXES SHIPPED** from our Lincoln stock at interesting prices. Schwarz Paper Co., Lincoln, Neb.

**QUISENBERY QUALITY BUTTERMILK.** Starting Food is best by test. "It's all food and no filler." Made in a modern exclusive poultry feed mill, without the use of by-products, under the personal supervision of Judge V. O. Hobbs, president of the Missouri Poultry Experiment Station. It insures you against chick losses and costs less, final results considered. Ask your dealer or write Quisenberry Feed Co., Kansas City, Mo.



**K**ANSAS during the last 10 days has had several snows and cold rains that have almost put a stop to all kinds of farm work. Plowing and seeding cannot proceed until the state is favored with dry weather and more sunshine. The snowfall was heaviest in Central and Western Kansas. Sherman, Mitchell, Meade and Pratt counties reported the heaviest falls. Morris and Butler counties also had heavy snows. The snow melted rapidly in Eastern Kansas but remained on the ground for several days in Western Kansas. At the close of last week most of the state was visited by heavy rains that saturated the ground with moisture, and made the roads almost impassable.

#### Soil Too Wet to Work

Soil of the state is for the most part too wet to permit field work of any kind. Some fall prepared potato ground in the Kaw Valley was planted but otherwise farming operations are at a standstill for perhaps a week.

Reports indicate a generally satisfactory condition of wheat. The heavy wet snows have been of great benefit to the state's prospective crop, especially in the southwest part of the state.

A genuine interest in Sweet clover is evidenced in Pratt county, where approximately 4,000 pounds of seed have been sown, according to Secretary J. C. Mohler of the Kansas State Board of Agriculture.

Seeding of oats and barley has been greatly delayed and the chances now are that the acreage in both crops will be greatly reduced. Most of the acreages taken from these crops no doubt will be planted to corn and sorghums.

Despite the delay the wet weather has caused in farm work and the seeding of early spring crops most farmers take an optimistic view of the situation and think that the present big supply of moisture in the soil practically assures good yields of all of the major crops.

Most Kansans now recall that the weather conditions and moisture are, this year, identical with those of 1914, when the greatest bumper crop in the history of the state was produced, and are beginning to sit up and realize that another era of prosperity for the farmers is in prospect. This means that farmers will have good crops and plenty of money to meet their obligations and to buy whatever they want or need next fall.

In 1914 Kansas wheat made 19.85 bushels to the acre, the largest average since 1889, when the yield was 22.15 bushels but the total acreage was not quite so great.

#### Record Already Broken

A check of the weather records shows that 12.55 inches of moisture fell on the 1914 crop between sowing time and April 1. Further search shows that in no year since has the precipitation from October to March, inclusive, amounted to as much as it has this year. The moisture thus far, since October 1, amounts to approximately 11 inches.

Like the winter preceding the crop of 1914, this winter has given its heaviest rains and snows in the latter part of February and the first part of March. The precipitation for the two seasons, by months, is about the same.

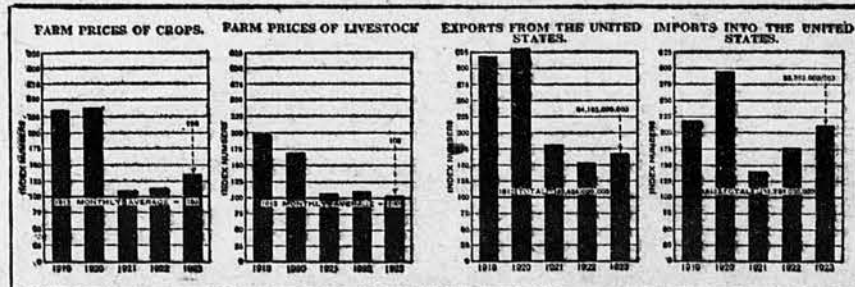
#### Comparison By Years

A comparison by years which gives the 1924 wheat prospects the edge over other good years in the past 20,

## The Farm Outlook for 1924

### Good Crop Conditions Indicate That a Prosperous Season Awaits Middle West Farmers

BY JOHN W. WILKINSON



In Studying the Agricultural Situation It Will be Well to Note the Prices of Crops and Livestock and Values of Exports and Imports of Former Years

is outlined below. The years given are the ones which produced more than 13 bushels to the acre. Moisture is that from October 1 to April 1, inclusive:

Year	Moisture	Av. Yield
1905	5.42	13.02
1906	7.17	14.49
1914	12.55	19.85
1918	5.60	13.70
1920	5.63	15.68
1924	10.12 (to date)	

The general agricultural outlook for 1924 indicates that farmers are undertaking a normal production program, according to a statement prepared by the Federal Bureau of Agricultural Economics and released just recently. However, agricultural production this year will still be attended by the difficulties arising from high wages and other costs, loss of farm workers, and the general disparity between prices of farm and urban products.

Domestic demand for agricultural products is at a high level. Urban prosperity is reflected in a heavy current consumption of fibers and high quality goods and this may be expected to continue into the summer. Foreign markets, on the whole, seem likely to maintain about the present level of demand for our cotton, pork, wheat and tobacco. The situation this season with respect to labor, machinery, fertilizer, credit and other cost items is not such as to favor any expansion in production, the report indicates.

#### Farmers Plan Increased Acreages

Spring wheat growers report intentions to reduce their acreage 14 per cent below last spring's plantings. Should abandonment of winter wheat acreage be light, as at present indicated, the reduction in acreage harvested may not be proportional to the reduction in seedings as reported last fall.

Recent reports to the United States Department of Agriculture from various parts of the country bring out many other interesting things in regard to the intentions of farmers in the planting of crops for this year.

The report shows in March farmers were planning to increase the corn acreage about 3 per cent over last year, following an increase of about 1 per cent in 1923 compared with 1922. These increases largely replace wheat. The North Atlantic and East North Central states plan an increase of 1 to 2 per cent. In the West North Central states an increase of about 6 per cent is indicated, and in the far Western states an increase of about 13 per cent over last year. Increases

ranging from 4 to 8 per cent are shown for Iowa, Illinois, Wisconsin, Minnesota and South Dakota, while the acreage intended to be planted in Kansas is reported as 10 per cent more than a year ago. In the principal cotton states an increase of about 1 per cent is expected.

#### Grain Sorghums Decreased

An intended decrease of about 6 per cent in grain sorghums is reported, the decline being mostly in Oklahoma and Kansas. The extent to which winter wheat may be abandoned due to winter killing will be one of the important factors which will determine the acreage that will actually be planted.

An increase of 4 per cent is intended in the acreage of tame hay that will be harvested this year, only a few states showing decreases. The prospective increase is 3 per cent in the Far Western states, 5 per cent in the South Atlantic and East North Central; 6 per cent in the West North Central and 8 per cent in the South Central states. Probable increases of 10 per cent or more are reported for Indiana, Illinois, North Dakota, Alabama, Mississippi and Oklahoma.

#### Acreage in Spuds Reduced

A decrease of 2 per cent in the Irish potato acreage for 1924 compared with 1923 will occur if present intentions are carried out. The acreage in 1923 was 12 per cent below the planting of 1922. The reduction is heaviest in the important producing sections, the decrease being 5 per cent in the East North Central states; 10 per cent in the West North Central group and 7 per cent in the Far Western states. Intended increase of 4 per cent in the important North Atlantic states and of 9 per cent in the South Atlantic and 12 per cent in the South Central states are reported. Intended decreases ranging from 8 to 20 per cent are reported from New Jersey, Michigan, Wisconsin, Minnesota, North Dakota, South Dakota, Colorado, Idaho and Washington.

#### More Sweet Potatoes

An intended increase of 16 per cent in the acreage of sweet potatoes is shown for the country at large. The intended plantings in most states range from 10 per cent to 20 per cent greater than last year. The intended plantings of 20 per cent or more are reported for Maryland, Georgia, Tennessee, Oklahoma, Illinois and Florida. Increases in the intended plantings

of other crops are estimated as follows: Oats, 7 per cent; barley, 9 per cent; flax, 54 per cent; peanuts, 19 per cent.

In this connection it is interesting to note the amount of farm stocks on hand of some of these crops. The Department of Agriculture reported stocks of wheat on farms in the United States for March were 21,603,000 bushels less than for the corresponding month last year. Farm stocks of corn for that month were approximately 60 million bushels more than for March, 1923. Farm reserves of oats were larger than a year ago by 23,022,000 bushels.

#### Present Southwest Wheat Stocks

The reports from the principal grain growing states of the Southwest show supplies of wheat on farms were reduced, and in fact the farm stocks for March represented only 14.2 per cent of the crop harvested last year. Stocks of corn on farms in this area on March 1 were 37.5 per cent larger than a year ago and represented 36.2 per cent of the crop harvested last fall.

Stocks of wheat in public and private elevators at Kansas City, Omaha, St. Joseph and Lincoln for March, totaled 10,260,000 bushels, as compared with 8,839,000 bushels for March, 1923, according to Bradstreet's reports. For the United States stocks of wheat in elevators for March, were placed at 68,005,000 bushels as compared with 51,500,000 bushels for the corresponding month last year.

#### Kansas Conditions by Counties

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

**Barber**—There has been a great deal of snow and rain in the county, and roads are almost impassable. There is ample moisture for the wheat fields for some time. Farm work is at a standstill. Rural market report: Eggs, 15c; butter, 40c; wheat, 99c; corn, 85c; oats, 70c.—J. W. Bibb.

**Brown**—Spring is slow in coming, and no oats have been sown yet. The acreage will probably be somewhat smaller than farmers expected to sow. Feed is plentiful but high. Rural market report: Hay, \$12 to \$20 a ton; wheat, 95c; corn, 65c; cream, 42c; eggs, 15c; hens, 18c; hogs, \$6.50.—A. C. Dannenberg.

**Cloud**—The heavy snow of the 15th stopped all farm work, and crippled all service for nearly two weeks. The snow is melting slowly, and the moisture is being absorbed by the soil. There has been very little oats sowed, and many roads are impassable, due to the wet ground. Feed is not plentiful. Rural market report: Corn, 75c; hogs, \$6.75; eggs, 14c; cream, 25c.—W. H. Plumly.

**Ellis**—We had the biggest blizzard on March 16 and 17 that we have had since 1911. Nearly 12 inches of snow fell. It lays about 6 to 18 inches deep on the wheat fields. Roads are in very bad condition. There is likely to be a feed shortage.—C. F. Erbort.

**Franklin**—Fair weather has dried the ground and all who can get into the fields are sowing oats. The early sown oats are said to be in good condition, and will come up. Politicians are also coming on nicely. There are few sheep in the county. Many more calves are being sent to market than usual, as it is more profitable to sell as veal than grow into cattle.—E. D. G.

**Harper**—The recent snow and bad weather were hard on livestock that had nothing but straw feed. Some oats have been sown. Hogs are economically outlived. Not much interest in the wheat pool has been shown in this county. No garden work has been done as yet.—S. Knight.

**Harvey**—The roads are becoming passable once more for horse vehicles after an extended period of snow drifts blocking them in fine condition, and also the oats that were sprouted before the bad weather came, are mended. Rural market report: Wheat, 95c; oats, 59c; corn, 74c; butter, 45c; eggs, 15c; bread, 10 to 12c.—H. W. Prouty.

**Johnson**—Many snows and frequent light rains have greatly delayed farm work. General potato planting and oats sowing are general this week. Several Federal potato inspectors will be employed in this county this season. Numerous meetings are being held by farmers' organizations in the interests of



The Activities of Al Acres—Al Demonstrates His High Power Plant Food and Grows a Spring Hat



The Kansas Wheat Pool. Fruit prospects are good. Wheat has suffered from alternate freezing and thawing weather. Rural market report: Wheat, 85c; corn, 75c; kafir, 10c; tankage, 33c; cream, 44c; eggs, 18c; roosters, 11c.—Mrs. Bertha Whitelaw.

Kingman—Our heavy snow has melted, after lying on the ground about 10 days. Nearly every farmer was compelled to buy feed during the worst part of the winter. Wheat is in excellent condition, but very little oats have been sown. Rural market report: Wheat, 97c; oats, 57c; bran, \$1.40; cream, 41c; eggs, 14c.—J. T. Kirkpatrick.

Lane—A very heavy snow covered the ground from 14 to 20 inches deep on March 18 in this county. Wheat is doing well. Some oats and barley have been sown. Livestock is in excellent condition and feed plentiful. There is some sickness in the county.—S. F. Dickinson.

Lincoln—Weather conditions are ideal for spring work and crops. Wheatfields are turning green. Our biggest snow of the year fell on March 16. Oats sowing is in progress. Rural market report: Corn, 72c; eggs, 16c; cream, 46c.—E. J. G. Walker.

Nemaha—We have had an abundance of moisture and it will greatly benefit the crops. The ground, where dry, is in good condition. Farmers are sowing oats. Rural market report: Hens, 18c; eggs, 16c; butter, 50c; hogs, \$7.50.—A. M. Cole.

Osborne—After the week of snow we are having nice spring weather. It is yet too wet for any field work. Farmers are ready to sow barley. Wheat is showing up good. Livestock of all kinds are looking well.—W. F. Arnold.

Russell—We have experienced one of the most beneficial snows this county has known for several years. Most farmers were unprepared for this sort of weather, however, and stock feed ran low. Potato planting will soon be in progress. There is a large amount of sickness in the county. There have been frequent sales this spring. Prices are satisfactory. The county is very much excited over the new oil fields.—Mrs. M. Bushell.

Rush—We are having lots of snow. The roads are drifted full, and have been almost impassable for several days. Farming has also been put aside. Wheat is in fine condition. Livestock is wintering fairly well, although some died during the recent storms. No public sales have been held recently.—R. G. Mills.

Stafford—Real winter weather is prevailing and roads are almost impassable. The ground will be in splendid condition for spring work. There has been some demand for mules, but horses are slow sale. A very small amount of wheat is being held by farmers.—H. A. Kachelman.

Smith—On March 16 we had the heaviest snow we have had for 12 years. All car traffic was stopped for a week. The snow is nearly all gone now, and the ground is well soaked. Wheat fields are turning green. It is not cold, and livestock has not suffered. Rural market report: Wheat, 90c; corn, 65c; cream, 44c; eggs, 16c.—Harry Saunders.

Wabunsee—Fair weather is again prevalent. The big snow is nearly gone, except for the largest drifts. Hardly any farm work has been done. Roads are in bad condition with very little auto traffic. There were no potatoes planted St. Patrick's Day. Rural market report: Eggs, 15c; wheat, 90c.—G. W. Hartner.

### Leading Kansas Fairs in 1924

The following is a list of the fairs to be held in Kansas in 1924, their dates, locations and secretaries as reported to the Kansas State Board of Agriculture and compiled by Secretary J. C. Mohler.

KANSAS STATE FAIR: A. L. Sponsler, Secretary, Hutchinson, September 13 to 19.  
KANSAS FREE FAIR: Phil Eastman, Secretary, Topeka, September 8 to 13.  
Bea County Agricultural Society: Dr. F. S. Beattie, Secretary, Iola, August 25 to 29.  
Atchison County Fair Association: C. W. Stutz, Secretary, Effingham, September 24 to 28.

Barber County Fair Association: J. M. Mols, Secretary, Hardner, September 3 to 5.  
Barton County Fair Association: Fred Hans, Secretary, Great Bend, September 30 to October 3.  
Bourbon County Fair Association: W. A. Stroud, Secretary, Uniontown, September 22 to 25.

Brown County—Hiawatha Fair Association: P. H. Lambert, Secretary, Hiawatha, September 2 to 5.  
Brown County—Horton Stock Show and Fair: H. W. Wilson, Secretary, Horton, September 3 to 6.  
Chase County Fair Association: C. A. Saxe, Secretary, Cottonwood Falls, October 1 to 4.

Cherokee County Fair Association: C. J. Pryor, Secretary, Columbus, July 29 to August 1.  
Clark County Fair Association: T. R. Cuthers, Secretary, Ashland, September 9 to 12.  
Clay County Fair Association: W. E. Need, Secretary, Clay Center, Middle of September.

Cloud County Fair Association: Geo. W. Higby, President, Concordia, September 2 to 5.  
Coffey County Agricultural Fair: W. T. Hesler, Secretary, Burlington, September 16 to 18.  
Comanche County Agricultural Fair Association: Jonas Swarnar, President, Coldwater.

Cowley County—Eastern Cowley County Fair Association: W. A. Brooks, Secretary, Garden, September 3 to 5.  
Cowley County—Winfield Livestock and Feeding Association: Edwin L. Hepler, Secretary, Winfield, July 29 to August 1.  
Crawford County—Arkansas City Fair Association: W. R. Sheff, Secretary, Arkansas City, October 7 to 11.

Crawford County Fair Association: Ed. R. Morsey, Secretary, Girard, September 9 to 12.  
Doniphan County Fair Association: Chas. Marble, Secretary, Troy.  
Douglas County Fair and Agricultural Society: W. B. Dalton, Secretary, Lawrence, September 30 to October 3.

Ellis County—Golden Belt Fair Association: H. W. Chittenden, Secretary, Hays.  
Fair Association: Wilson Co-operative, Fair Association: C. A. Kynor, Secretary, Finney, September 23 to 26.  
Finney County—The Garden City Fair Association: R. E. Stotts, Secretary, Garden City.

Ford County—Great Southwest Fair: M. W. Dreher, Secretary, Dodge City, second week in October.

Franklin County Agricultural Society: P. P. Elder, Secretary, Ottawa, September 2 to 5.

Franklin County—Lane Agricultural Fair Association: Ray F. Koomz, Secretary, Lane, September 5 to 8.

Gove County Fair Association: Chas. C. Spiker, Secretary, Gove, September 18 to 20.  
Gray County Fair Association: Chas. S. Sturtevant, Secretary, Cimarron, September 17 to 19.

Greenwood County Fair Association: T. L. Ryan, Secretary, Eureka, August 12 to 14.  
Harper County—The Anthony Fair Association: O. F. Morrison, Secretary, Anthony, July 22 to 25.

Harper County—Harper County Broaders' Association: M. V. Stanley, Secretary, Anthony.  
Jefferson County—Valley Falls Fair and Stock Show: Lou Hauck, Secretary, Valley Falls.

Kearny County Fair Association: J. J. Nash, Secretary, Lakin.  
Labette County Fair Association: Clarence Montgomery, Secretary, Oswego, August 26 to 29.

Lincoln County Fair Association: E. A. McFarland, Secretary, Lincoln, September 23 to 26.

Linn County Fair Association: John Potter, Secretary, Mound City, September 30 to October 3.

Lincoln County—Sylvan Grove Fair and Agricultural Association: H. E. Gerdes, Secretary, Sylvan Grove, October 1 to 4.  
Marshall County Stock Show and Fair Association: J. N. Wanamaker, Secretary, Blue Rapids, September 30 to October 3.

Meade County Fair Association: E. A. Kobs, Secretary, Meade, August 26 to 29.  
Miami County Farm Products Show: Mrs. Jennie White, Secretary, Paola.  
Mitchell County Fair Association: Carl O. Johnson, Secretary, Beloit, September 23 to 28.

Montgomery County Fair Association: El-Hott Irvin, Secretary, Coffeyville, August 11 to 15.

Nemaha County—Wetmore District Free Fair: E. J. Woodman, Secretary, Wetmore, September 26 to 27.

Nemaha Fair Association: J. C. Grindle, Secretary, Seneca, August 27 to 30.  
Neosho County Agricultural Society: Geo. K. Eldeau, Secretary, Chanute, August 18 to 23.

Norton County Agricultural Association: A. J. Johnson, Secretary, Norton, August 26 to 29.

Osage County—Overbrook Free Fair Association: Edw. H. Platt, Secretary, Overbrook, September 25 to 27.

Pawnee County Agricultural Association: R. P. Sloan, Secretary, Larned, September 2 to 6.  
Phillips County—Four County Fair Association: W. W. Chestnutt, Secretary, Logan, August 19 to 22.

Pottawatomie County Fair Association: C. Haughwout, Secretary, Onaga.  
Rawlins County—McDonald Community Fair: Bert Powell, Secretary, McDonald, September 24 to 27.

Reno County Dairy and Agricultural Improvement Association: Emmett Smith, Secretary, Hutchinson, October 21 to 31.  
Republic County—North Central Kansas Free Fair Association: Dr. W. R. Barnard, Secretary, Belleville, September 2 to 5.

Rooks County Fair Association: D. F. Burlin, Secretary, Stockton, August 26 to 29.

Rush County Agricultural and Fair Association: S. A. Renner, Secretary, Rush Center, August 27 to 29.  
Russell County Fair Association: H. A. Drayson, Secretary, Russell, September 31 to October 3.

Sherman County Fair Association: O. H. Abercrombie, Secretary, Goodland, September 22 to 25.

Smith County Fair Association: John I. Morehead, Secretary, Smith Center, August 26 to 29.

Stafford County Stock and Poultry Show: E. A. Briggs, Secretary, Stafford, October 14 to 17.

Trego County Fair Association: E. A. Courtney, Secretary, Wakeeney, September 9 to 12.

Wabunsee County—Alta Vista Community Fair: Dr. M. Hardenbrook, Secretary, Alta Vista, September 24 to 26.  
Washington County Stock Show: L. E. Sawin, Manager, Washington, October.

Wichita County Fair Association: Ed Case, Secretary, Leoti, October 5 to 10.  
Wilson County Fair Association: W. C. Cantrall, Secretary, Fredonia, August 6 to 9.

Hawks, owls, skunks, and snakes are the farmer's best friends in rodent control.

### OREGON

500 ACRES WITH 5,000 ACRES OUTSIDE PASTURE LAND FOR \$10,000.00. Houses, barns, other buildings, electric power, telephone, 200 sheep, irrigated. Close to town. Ideal climate.  
Harry Hagen, Glendale, Oregon

### REAL ESTATE WANTED

WANTED, Farm from owner. Poss. at once. Give cash price. J. W. Houch, Tiffin, O.

FARM WANTED—Near school, at spot cash price. Mean business. Fuller, Wichita, Kas.

FARM WANTED immediately. Send particulars. Mrs. Roberts, Box 75, Roodhouse, Ill.

FARM WANTED from owner, possession in spring. Describe. J. W. Houch, Tiffin, O.

FARM WANTED. From owner only. Send full particulars. Ray Smith, Maplewood, Mo.

WANT FARM from owner. Must be cash bargain. Describe imp., markets, schools, crops, etc. E. Gross, North Topeka, Kan.

CASH BUYERS want Kan. and Colo. farms. Give full description and price. R. A. McNew, 329 Wildman Bldg., Omaha, Neb.

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

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

### FOR RENT

FOR RENT BY OWNER, 160-acre irrigated dairy and seed farm; close to town, good buildings, fruit trees, berries, registered alfalfa, ideal climate, good schools.  
Fred Doremann, Camas, Mont.

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### REAL ESTATE

SELLERS, Traders, monthly publication 10c. Natl. Real Estate Ex., Bloomington, Ark.

1924 LAND BOOK, Describing 900 farms. Bargains in Kansas and thirty other states. Sent free. Fuller, Wichita, Kan.

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

3,000 A. EAST COLO. ranch, well imp., living water, \$6. 1000 A. Chase Co., Kan., ranch well imp., 300 A. first bottom \$70. One section grass land near oil well in S. W. Texas at only \$3.  
A. J. Schimpff, Burns, Kan.

80 Acres—400 Apple Trees Furniture, Stock; Only \$1200

Everything ready move right in: pleasant surroundings, good markets; many money-making poultry, fruit, dairy, general farms all around; easily worked fields, 10-cow pasture, woodland; 400 apple trees; well located cottage, barn, smoke and poultry houses. Low price \$1200 and to settle immediately horse, 4 cattle, 50 poultry, full implements, tools, furniture, etc., included. Details this and 40 acres only \$400 cash, page 13 illus. Catalog Bargains money-making farms, best sections United States. Copy free.

Strout Farm Agency, 831GP New York Life Bldg., Kansas City, Mo.

### KANSAS

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

40, GOOD HOUSE, big barn, near school. \$3,600, \$600 down. Schlick, Iola, Kan.

WANTED: Farmers equipped to break and raise seed crop for interest in crop and land. Morris Land Co., Lawrence, Kan.

626 ACRES dark soil, mail route, 40 ft. water. Bus route school. \$15 acre. Darlington Jeffers, Owner, Lewis, Kan.

240 ACRES, 7 mi. out, well improved, \$50 per acre; 80 acres, 4 mi. town, \$55 per acre. T. B. Godsey, Emporia, Kan.

FOR SALE—Complete dairy farm, 160 acres on interurban near Lawrence, 2 sets improvements. Big barn, milker, scales, John Fritz, 1107 N. Hampshire, Lawrence, Kan.

FOR SALE: 160 A. wheat and corn land, 1 mile of town and good school, 130 under cultivation, unimproved, \$35 per A.  
Arthur M. Sondberg, (Owner) Monument, Kas.

### ARKANSAS

\$3 ACRE buys Arkansas land. Cheaper than homestead lands. Easy terms. Get particulars. No obligation. Gulf Realty Company, 839 Bedford Bldg., San Antonio, Texas.

WOULD YOU BUY A HOME? With our liberal terms. White people only, good land, healthy progressive country. Write for list. Mills Land Co., Booneville, Ark.

### CALIFORNIA

IF YOU WANT TO LIVE in California write Kings County Chamber of Commerce, Hanford, California, for free booklet.

### CALIFORNIA FARMS

DAIRY Are you coming to Sunny California?  
STOCK We have all kinds of Farms and Ranches, \$1000 to \$500,000. Any information you desire as to California just ask D. E. McCabe  
GRAIN  
FRUIT

LANG REALTY CO. 1st Natl. Bank Bldg., San Francisco, Calif.

CARMEL DAIRY AND STOCK FARM—ONE HUNDRED FORTY-THREE ACRES COMFORTABLE EIGHT-ROOM RANCH HOUSE, DOUBLE GARAGE, LARGE GRANARY, NEW UP-TO-DATE CONCRETE MILKING BARN, DROW STANCHIONS, HAY BARN, ONE HUNDRED BY ONE HUNDRED FEET; RANCH FENCED AND CROSS FENCED WITH HOG WIRE; LARGE STUCCO AND CONCRETE MILK HOUSE, WITH TWO COLD STORAGE ROOMS, TWO TON AMMONIA PLANT, ONE HUNDRED ACRES IN ALFALFA, FORTY ACRES IN TRUCK GARDEN; SEVENTEEN-INCH LAYNE & BOWLER PUMP—MOTOR DIRECT CONNECTED—FIFTY-THREE GALONS WATER PER MINUTE—MAIN LINE SIXTEEN-INCH CONCRETE PIPE—LATERALS FOURTEEN-INCH—HYDRANT TO EVERY CHECK—LATERALS ARE FOUR HUNDRED FEET APART. FOR SALE WITH OR WITHOUT ONE HUNDRED HEAD OF PURE-BRED, REGISTERED HOLSTEIN CATTLE. ON PAVED HIGHWAY, AN ESTABLISHED RETAIL MILK ROUTE. IN SANTA MARIA, SANTA BARBARA COUNTY, CALIF.

### WASHINGTON

\$2,200. 20 A. improved place, crop included. Fine climate. \$900 cash, balance 10 yrs. 6%. L. Strong, Washougal, Wash.

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Pay No Advance Fee Don't give option or take up real estate for any kind of contract without first knowing those you are dealing with are absolutely honorable, responsible and reliable.

### COLORADO

320 IMPROVED, \$1 down, 640 rent 1/2 crop. C. S. Miller, Owner, Manzanola, Colo.

10-A. IRRIG. FRUIT-GARDEN tracts, \$350 down, easy terms. Productive soil. Free booklet on profits, climate, with testimonials from satisfied purchasers.  
F. R. Ross Inv. Co., Denver, Colo.

### IDAHO

DAIRYING, HOGS, Sheep, Poultry, Alfalfa, beans, sugar beets, corn and seeds all profitable on North Side project. Good land on easy terms. Special offer for dairymen and poultrymen.  
R. E. Shepherd, Manager, Jerome, Idaho

### MISSOURI

WRITE for free list of farms in Osage, Douglas County Abstract Co., Avon, Mo.

LISTEN! 40 acre impr. farm \$985. Terms. Other farms. McGrath, Mountain View, Mo.

MISSOURI 40 acres truck and poultry land \$5 down and \$5 monthly. Price \$200. Write for list. Box 22A, Kirkwood, 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.

### MONTANA

GOOD Montana Farms—Near Havre, 1/2 to 20 acre. Write Lou Lucke, Havre, Mont.

### NEW MEXICO

FARMS, RANCHES, HOMESTEADS, Free samples Encino Enterprise. Fine schools, roads, churches. Information free.  
E. L. Hinton, Encino, New Mexico

500 ACRES fenced, cross fenced, 60 A. cult. 100 more tillable; fair improvements; plenty good water. \$10 acre, half cash, bal. long time, low interest. Am too old to farm. Write W. F. Bartell, Owner, Mountair, N. M.

NEW MEXICO FARM LANDS. A new folder about the new state of New Mexico is now ready. This state is rich in natural resources; it has much to offer the man of vision and ambition to take advantage of opportunity. New Mexico has a delightful and invigorating climate, with fertile farm land in the valleys supplied with an abundance of irrigation water insuring good crops. Also farm lands in the plains country for dry-farming. All the leading varieties of fruits and vegetables of prime quality are successfully grown as well as all the general farm crops. Alfalfa, dairymen, hogs and poultry is a combination hard to beat, because of good local markets and long favorable growing seasons. Agriculturally, New Mexico has much to offer. Let us mail you our descriptive folder about this great state. C. L. Seagraves, General Colonization Agent, Santa Fe Ry., 283 Ely Exch., Chicago, Ill.

### SALE OR EXCHANGE

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

TRADES EVERYWHERE—What have you? Big list free. Bernal Agency, El Dorado, Kas.

FARMS and city property for sale and exchange. H. C. Noll Realty Co., Nevada, Mo.

21 FARMS, Jackson and adjoining counties, to trade for clear Western Kansas land. The Rafter Farm Mortgage Co., Horton, Kas.

LARGE FLOUR MILL and 2 elevators, doing big business; to exchange for farm. Vrooman Loan & Realty Co., 629 Kansas Ave., Topeka, Kan.

640 ACRES improved Colorado land. \$5 cultivated; trade for land lower altitude, clear for clear, if priced right. At \$12.50. Will Keen, Pueblo, Colo.

### REAL ESTATE LOANS

FARM LOANS in Eastern Kansas. 5%, 5 1/2%, and 5 3/4%, and small commission. W. H. Eastman, 209 Columbian Bldg., Topeka

### IS YOUR MONEY EARNING ALL IT SHOULD?

IF NOT, let us tell you about our full paid seven per cent guaranteed dividend investment. This investment is non-taxable under Oklahoma law and partially exempt from income tax. It is secured by first mortgages on improved real estate only, and the security gets better every month. It is cashable if you need the money. Semi-annual interest dividends are earned and paid in January and July each year without effort on your part. This investment is safe, sure and dependable.

If you have money to invest, it will pay you to write us for particulars. Your name on a postal card will bring you full information.

THE PONCA CITY BUILDING AND LOAN COMPANY, Ponca City, Oklahoma.

L. K. Meek, Pres. and Manager.



## H. C. Lookabaugh's Greatest Production Sale

The Season's Most Important Sale Event at Pleasant Valley Stock Farm



**Watonga,  
Oklahoma**

**Thursday,  
April 17**

A remarkable offering of thick-fleshed modern Shorthorns, 17 excellent bulls—every one a real herd bull. Including 5 Junior and 2 Grand Champions; also all of the other bulls in both of the 1924 show herds. 28 big, broad-backed females of splendid quality and fashionable pedigrees. Including 5 Champions and 2 Grand Champions. Also all of the other females in both of 1924 show herds. The cattle selling in this sale have won more than 500 prizes in hard fought show ring battles. Including 159 First and 45 Champion Prizes. Only one animal in the entire sale is more than three years old. 35 head are sired by the celebrated \$10,000 Roan Lord; others by the \$10,700 International Grand Champion, Maxwellton Commander and the \$6,100 Missie's Last.

NO OTHER EVENT IN SHORTHORN HISTORY ever offered 35 Shorthorns, all bred by one man, all sired by one bull, and all offered in one sale that equaled in quality and in pedigree the 35 broad-backed, thick fleshed, easy feeding, quick maturing sons and daughters of the celebrated \$10,000 Roan Lord that sell in this sale.

A VALUABLE REFERENCE CATALOG, illustrated and descriptive. Every progressive breeder will want one. The sale catalogue will be of interest to every Shorthorn breeder in America. It is not only nicely illustrated, but it contains much interesting, instructive and valuable information regarding some of the breed's best sires. The pedigree of every animal in the sale is fully explained, with foot notes regarding their famous ancestors.

We believe this catalogue will be highly prized by thousands of breeders and retained indefinitely for reference. No doubt a great deal of the instructive information will indirectly apply to the pedigrees of cattle in your own herd. We want every breeder to have a free copy. Write for yours today.

Address, F. S. KIRK, SALES MANAGER, Box 246, Wichita, Kansas.

**H. C. Lookabaugh, Owner, Watonga, Oklahoma**

Auctioneers: Herritt, Burgess and Ball, Fieldman: A. B. Hunter.



## The Coates House

KANSAS CITY, MO.

Tenth Street and Broadway

on direct street car line to and from Union Station and Stock Yards.

### FIRST CLASS

location, service, cafe and cafeteria in connection. Those who travel auto are welcome. Plenty of room to park, good garages are handy.

RATES: \$1.00 to \$3.50 per day.

**COATES HOTEL CO.**

Sam B. Campbell, President and Manager

### SHORTHORN CATTLE

## Scotch Shorthorn Cattle Sale

Humboldt, Nebraska, April 22

42 HEAD comprising 8 bulls ready for service including the herd bull VILLAGE COP.

15 heifers, extra choice, about all of them bred to Village Cop. 20 open heifers, as good as we have ever produced from our best matings. The offering is sired by AUGUSTA'S VILLAGER, a great breeding son of Imp. Villager and CHOICE LAVENDER by Red Choice.

The offering has been raised here on the farm out of our Scotch cows, daughters of IMP. STROWN STAR and IMP. SCOTTISH SENTINEL. MEADOW BEAUTY, BUTTERFLY, SOBRIETY and NONFARRELLS. Write for catalog and mention this paper.

**Henry H. Kuper, Humboldt, Neb.**  
Auct. Col. J. C. Price. Fieldman, Jesse R. Johnson

### POLLED HEREFORD CATTLE

## Polled Herefords

Bred for size, type and quality. The last eight herd bulls weighed over 2100 each. Three of them won first prize at state fairs, competing with horned cattle.

Now offering a few young bulls and choice heifers, many with two or three generations of prize winning blood. If you need a bull, you need a good one. Ours are bred and fed to make good for you.

So write for descriptions and delivered prices.  
**GOERNANDT BROS., AURORA, KAN.**

**TRUMBO'S POLLED HEREFORDS, Heifers:** Coming yearlings to 3-year-olds, bred or open. Bulls: Calves to serviceable age. Herd sires: Abe G, a Polled Success, and Echo Mystic, a Polled Admiral. Dams: Beau Ideal, Rex Onward, etc. W. W. Trumbo, Peabody, Kan.

**POLLED BULLS FOR SALE**  
Including Pawnee King and his serviceable age sons. Priced to sell. Elmer Dunn, 1201 West Douglas Ave., Wichita, Kan.

**REGISTERED Horned and Polled Hereford Bulls, yearling and two. Choice heifers. Foundation 2nd and Plato breeding. Earl Scott, Wilmore, Kan.**

### POLLED SHORTHORNS

## SHORTHORNS (POLLED)

Polled Bulls of choice Shorthorn breeding, \$75 to \$150. Dehorn with a hornless Shorthorn bull. One of the largest herds. Write us or phone at our expense.  
**J. C. BANBURY & SONS, PRATT, KAN.**

### ANGUS CATTLE

## MARTIN'S ANGUS

We offer 10 bulls from 15 to 18 months old sired by a 2250-lb. son of Blackcap Poe. As good as we ever raised and we guarantee satisfaction.  
**J. D. MARTIN & SONS, Lawrence, Kansas.**

## What is a Thoroughbred?

BY T. W. W. RSE

A reader of the Kansas Farmer and Mail and Breeze asks that we explain the proper use of the term "Thoroughbred."

Thirty or 40 years ago the term "thoroughbred," to indicate pure breeding, was used more than the term "purebred" which now has become almost universal. Readers of livestock and farm papers now rarely, if ever, see the word "thoroughbred" used, excepting as it is used to designate the English breed of horses to which the name belongs, and in which case the name always is capitalized, just as Percheron would be.

Largely because this English horse breed was established under that name, all writers on livestock subjects dropped "thoroughbred" as a general term, and adopted the term "purebred" to distinguish from scrubs, grades or crossbreds those animals tracing thru all lines of their ancestry to purebred animals of the same breed. It therefore is correct to use the name purebred with reference to horses, cattle, sheep and hogs, for which records are established, and which meet the requirements for registration in such records.

In the case of poultry, the term "Standard" is in greatest use. It means that the fowl has been graded up until, in all its characteristics, it conforms to the standard set for the breed whose name it carries. From the standpoint of the breeders of horses, cattle, hogs, etc., most standard bred fowls, therefore, are simply high grades.

As this discussion has introduced the term "standardbred," it should be explained that here again is a term having apparently only general application, which has been adopted as the proper name of a special breed of horses. Most trotting and pacing horses produced in America are Standardbreds and are recorded and referred to as being of a certain breed, with the word Standardbred as the name of that breed. The adoption of this name for the breed of horses came about in something the same way that standardbred poultry has been named. In the founding of the breed, animals were admitted to registration on certain physical requirements which included their making, officially, certain speeds at trotting or pacing. Thus they became "standard by performance." The offspring of a stallion and mare, each of which has become "standard by performance," could be recorded as standard by inheritance or standardbred, altho neither its sire nor dam might have any recorded ancestors.

In some such way as this, that is by requiring that they conform to some certain physical standard, the foundation animals for all established breeds have been selected.

## It is Cheaper to Vaccinate

BY A. C. HARTENBOWER

The large number of hogs lost this last fall thruout the state shows that hog raisers generally have not come to realize sufficiently the high value of vaccination against hog cholera. In my own community this fall hundreds of fat hogs were lost and with this loss went the possible profits from

growing hogs for several years. In all of these cases the expenditure of but a relatively small amount of money would have paid for the vaccination of the whole herd—in fact, in many cases spending the price of but one of the hogs lost would have protected the herd from cholera.

I know that the vaccination of hogs seems expensive but the loss of but one or two hogs also is expensive. Just a few days ago a neighbor told me that he hadn't vaccinated his hogs for the reason that he would have been out around \$17 and rather than pay that he took the risk. And he is still taking it altho cholera has been and still is within a mile of him.

A hog raiser often gets by for several years without vaccinating his herd but all of a sudden the disease will appear and his herd will get almost or wholly wiped out. I do not think it is right to take that risk, especially where the production of hogs on any large scale always is more or less of a gamble as in our state.

Keep your hogs vaccinated. You will rest easier and will find in the end that the cost of vaccinating is a good investment.

## Some Evidence on the Mule

Regardless of whether or not the reader believes that the mule is coming back, he will be interested in the letters from a half dozen trained observers on this subject which make up a folder just issued entitled, "The Evidence." For a copy of this folder address William E. Morton, Scarritt Building, Kansas City, Mo.

## County Agent Believes in Hogs

BY J. T. HUNTER

County agent C. C. Jaccard, Burlington, Coffey county, Kan., is tall and angular. He pays little attention to gates or woven wire fences when he visits a farm. Just steps over them.

Whether his natural build and consequent ability to negotiate hog fences with more ease and less torn clothes makes him lean to hog projects in his county is a debatable question. The facts are, however, that in the two years that Mr. Jaccard has been county agent of Coffey county the number of good purebred herds of hogs has increased about three-fold. There are now about 25 progressive farmers growing purebred hogs in considerable numbers.

Farmers of that county freely concede that the quality of hogs there has been greatly improved due to Mr. Jaccard's incessant efforts to grow or bring in better hogs. It is not the plan of Mr. Jaccard to encourage every farmer to grow hogs but he does try to have those raising hogs to have purebreds even if unregistered.

There are something more than 400 members of the Coffey county bureau. It is one of the largest in the state. Last November the Farm Bureau and Burlington Chamber of Commerce held a joint meeting with a noon-day feed at which more than 2,000 were present. At this meeting each organization turned loose a greased pig that was awarded to the boy or girl catching it. Mr. Jaccard exercises good judgment in undertaking projects well adapted to the local situation.

Buy farm seed on quality, not price

## Sheep Will Make Money For You

BY JOHN W. WILKINSON



NEARLY every good farm on which pasture crops can be grown should have a place for sheep. When handled properly they will prove profitable in many ways. They will help to keep down the weeds and will utilize much waste material that otherwise would be lost.

Many farmers are missing a little extra change that could be picked up practically every year. This could be done with a small bunch of sheep, the farm animal that converts waste feeds into mutton and wool. Ordinarily a man thinks that when the price of wool is low that sheep will not pay. The man who makes a success of sheep on his farm thinks in terms of both mutton and wool, and cheap feeds. Sheep will fit in well with practically every plan for diversified farm operations and will make money for their owners.

## Increase Farm Profits

Use Shorthorn bulls and cows. Produce market topped steers and increase your income. Quality counts.

For literature address  
The American Shorthorn Breeders' Assn.,  
13 Dexter Park Ave.,  
Chicago, Illinois

## Mark's Lodge



Breeder of Red Scotch Shorthorn Cattle, Milk and Beef Types, 100 head; Fresh and Bred Cows. Also young bulls and heifers, \$75 to \$125.

M. F. MARKS  
Valley Falls, Kansas

## TOMSON SHORTHORNS

High class bulls and females at moderate prices. A large collection of select cattle to choose from.

**TOMSON BROS., Wakarusa or Dover, Kan.**

## Scotch and Scotch Tops

10 last spring bulls, mostly nice roans. 15 heifers, same age, reds and roans.

C. W. TAYLOR, ABILENE, KANSAS

## SHORTHORN BULLS AND HEIFERS

By Marshal Sunray, Scotch and Scotch topped, from best of families.  
C. H. WHITE, Burlington, Kan.



## Northern Kansas

By J. W. Johnson



and the fact that three of them won first place at state fairs is fairly indicative that good size is appreciated. The Goernandt Brothers are known all over the country as sires of Polled Herefords and their slogan, "If you need a bull you need a good one," is true and important to farmers as well as to those who are breeders.

Woody & Crowl, Barnard, Kan., have 75 spring pigs to date sired by King of Constructors and The Winner, both sons of Constructor.

Last December E. M. Phillips & Sons, Barnard, Kan., breeders of Shorthorns, bought of C. T. Nelson & Sons, Blandine, Mo., a son of Dreadnaught, a well known sire of show cattle. This calf is a roan and a grandson of Whitehall Sulphur.

F. B. Janne, Luray, Kan., has 120 spring pigs sired by Professor by Constructor. This year was third at Topeka last fall in the Woody & Crowl exhibit. He is a great young man and one of the top boys raised by Woody & Crowl last year out of a sow they bought at York, Neb., bred to Constructor.

Goernandt Bros., Aurora, Kan., breed polled Herefords and the last eight bulls they have used weighed over 2100 each.

## HORSES AND JACKS

## 15 Large, Heavy Boned

Registered Jacks, well broke, good ages. Priced right. Few Percheron and Belgian stallions. N. H. MALONE, CHASE, KANSAS. J. P. MALONE, LYONS, KANSAS.

REGISTERED PERCHERON STALLIONS for own breeding. Good colors. Good individuals. Some better bred. Some broke to work. Priced to sell. Guaranteed. Need room for younger ones. A good stallion makes most money for capital invested. A. H. TAYLOR & SON, Route 4, SEDGWICK, KS.

TWENTY BIG MAMMOTH JACKS, Percheron stallions and mares for sale at low prices. Al E. Smith, Lawrence, Kan.

ONE REG. FRENCH DRAFT STALLION for sale. 7 yrs. old, black, a good breeder. Louis Marcotte, Garden City, Kansas.

JACKS OF THE RIGHT KIND and breeding. Priced to sell. Hineman's Jack Farm, Dighton, Kansas.

## DUROC JERSEY HOGS

## 200 Immune Duroc Bred Gilts

Sired by and bred to State Fair prize winning boars. Shipped on approval. No money down. Special prices on carload lots. F. C. CROCKER, Box M, FILLEY, NEBR.

## Shepherd's Durocs

Attend my April 8th sale. Opportunity to see my herd boars and sows. I have some great 1922 fall boars for sale. G. M. SHEPHERD, LYONS, KAN.

LONG'S DUROCS Red sons offered at Shepherd Farm at Lyons, April 8. Extra good 1923 fall boars at private sale. Shipped on approval subject to description given inquiries. J. C. Long & Sons, Ellsworth, Kansas.

VALLEY SPRINGS DUROCS Boars, all ages; sows bred for spring farrow; any bloodlines wanted. Immune, registered, guaranteed breeders. Year's time to pay. E. J. Bliss, Bloomington, Kan.

DUROC MALES, \$20 to \$25. Well bred, good length and bone; 150 to 200 lbs. Have sold in 47 Kansas counties. Truck load bred gilts cheap. J. E. Weller, Holton, Kan.

HOMER DRAKE'S DUROCS Red gilt, and fall pigs sired by high class boars. Gilt bred to Radio Giant. Registered. Double immune. Priced right. Homer Drake, Sterling, Kan.

TOL BRED PIGS by Col. Supreme by Supreme Col. out of daughters of Royal Sensation and Defender Chief 2nd. Thos. M. Steinberger, Andale, Kan.

## CHESTER WHITE HOGS

## Wiemers' Chester Whites

Immune, growing fall boars, \$22.50 and up. First choice spring boar pigs weaning time \$12.50 and up. State fair winning blood lines. Free circular. We ship C. O. D. on approval. Henry Wiemers, Diller, (Jefferson Co.) Neb.

## FALL BOARS AND GILTS

We are looking orders for spring pigs. Best of blood lines. Ernest Snider, Lawrence, Kan.

## Registered Chester White Boars \$25

Extra good. A. H. Knoepfel, Colony, Kan.

## REGISTERED CHESTER WHITE BOARS

Serviceable age. Grandson of Big Buster. \$18 each. Order direct from adv. Earl Scott, Wilmore, Kan.

## O. L. C. HOGS. Fall boars and gilts. Order

now for spring pigs at weaning time. Geo. T. Bartlett, Stockton, Kan.

## POLAND CHINA HOGS

## DEMING RANCH POLANDS

Boys or bred to our many times grand champions. All Yankee and Latchum. Good reliable Poland. All classes. Priced worth the money. Deming Ranch, Oswego, Kan. H. O. Sheldon, Mgr.

## MONAGHAN &amp; SCOTT'S REVEALATOR

Grand champion and sire of champions; by Revealer, dam Lady Revelation. Bred sows, fall pigs by or bred to Revealer. Monaghan & Scott, Pratt, Kan.

## POLANDS, either sex, by Designer and Cl-

tor-Revelation. The Outpost and Checkers-Header, at farmer prices. J. R. Houston, Gem, Kan.

## SPOTTED POLAND CHINA HOGS

## SPOTTED BREEDER LOOK

High class fall boars and gilts by Obenda's Leopard and sire of big type dams by M's Giant Pickett and Poland. Bred sows, fall pigs by or bred to Obenda's Leopard. Pigs marked 50-50, price right. M. C. POLLARD, CARBONDALE, KAN.

## BIG BRED SOWS, \$27.50. Weanlings, \$6.50.

Extra \$15. One extra yearling boar, \$25. T. L. Curtis, Dunlap, Kan.

## Southern Kansas

By J. T. Hunter



G. M. Shepherd and J. C. Long & Sons will hold their postponed Duroc sale April 8 at the G. M. Shepherd farm, Lyons, Kan.

The Wilkinson Jersey dairy herd at Dodge City, Kan., was established seven years ago by A. Wilkinson. It is now under management of the sons, C. N. Wilkinson and H. Wilkinson and will be dispersed at auction sale Tuesday, April 22, to settle the estate.

The Butler County Shorthorn Breeders' Association have decided to hold their sale April 23 at the Whitewater Falls Farm owned by J. C. Robinson at Towanda, Kan., instead of at Eldorado as originally announced. The cattle will be consigned by the following breeders: John Regier, Whitewater, Kan.; Ed Markee, Potwin, Kan.; L. C. Wait & Son, Cassoday, Kan.; Ed Mulch, Benton, Kan.; A. W. Gephart, Rosalia, Kan.; Josiah Jones, Augusta, Kan.; O. E. Torrey, Towanda, Kan.; J. C. Robinson, Towanda, Kan. J. C. Robinson will manage the sale.

J. P. Ray, Lewis, Kan., and C. W. Scott, Kinsley, Kan., held a Shorthorn sale at Kinsley, Kan., Thursday, March 27. Weather conditions preceding sale prevented Mr. Ray from bringing his consignment from Hooker, Okla. Most of the offering was of Mr. Scott's consignment. Bad roads reduced attendance and the cattle were very thin. Thirteen cows and heifers averaged \$52; 14 bulls, all young but the herd sire, averaged \$58. Sale average was \$55.25. Top was \$115 for the aged bull, a grandson of Beaver Creek Sultan. Mr. Ray and his son, John E., of Hooker, Okla., will hold a sale of Shorthorns at Hugoton, Kan., Monday, April 21.

## NEWS OF OTHER STATES

By Copper Farm Press Fieldmen

An average of \$162 was paid for 25 Holsteins sold at auction by M. E. Penrose on his ranch at Aurora, Colo., recently.

A good many years ago when there was a depression much like the one we are now going thru, Henry H. Kuper of Humboldt saw what he thought was an opportunity to get into the purebred Shorthorn business and get in on the ground floor. This he did by buying four imported cows. Following this purchase he bought Imp. Strawn Star and later Imp. Scottish Sentinel and from these original purchases Mr. Kuper has bred and sold hundreds of the most valuable cattle that have been bred anywhere. His herd now numbers over 100 head. He is retaining the great bull mentioned but on April 22 he will make a sale of young bulls and heifers out of daughters of these great bulls.

## Public Sales of Livestock

## Shorthorn Cattle

April 10—Shortgrass Breeders' Association, Moriand, Kan.

April 17—H. C. Lookabaugh, Watonga, Okla.

April 22—Henry H. Kuper, Humboldt, Neb.

April 23—Butler County Breeders' Association, Towanda, Kan. J. C. Robinson, Towanda, Sale Manager.

April 29—Northwest Kan. Shorthorn Breeders' Association, Concordia, Kan. E. A. Cory, Sale Mgr., Concordia, Kan.

April 30—Dickinson County Shorthorn Breeders' Association, Abilene, Kan. C. W. Taylor, Sale Mgr., Abilene, Kan.

May 15—Northeast Kansas Association, Hiawatha, Kan. D. L. Dawdy, Sale Mgr., Arrington, Kan.

May 27—Paul F. Mosley, Wymore, Neb.

June 12—Ed Stegeland, Straight Creek, Kan.

Polled Shorthorn Cattle

June 12—Ed Stegeland, Straight Creek, Kan.

Holstein Cattle

April 9—L. M. Beebe, Hutchinson, Kan.

W. H. Mott, Sale Mgr., Herington, Kan.

Apr. 24—101 Ranch, Marland, Okla. W. H. Mott, Herington, Kan., Sale Mgr.

April 28—Fred C. Nickols, Bonner Springs, Kan. W. H. Mott, Sale Manager, Herington, Kan.

April 30—J. T. Axtell, Newton, Kan. W. H. Mott, Sale Manager, Herington, Kan.

Jersey Cattle

April 22—H. Wilkinson, Dodge City, Kan.

April 23—Jackson County Jersey Cattle Club, Holton, Kan. R. A. Gilliland, Denison, Kan., sale manager.

May 18—J. H. Lomax, Leona, Kan. B. C. Settles, Sale Manager.

June 10—R. W. Barr, Independence, Mo.

Poland China Hogs

April 24—Laptad Stock Farm, Lawrence, Kan.

Duroc Jersey Hogs

April 24—Laptad Stock Farm, Lawrence, Kan.

"The most efficient manufacturers of the most perfect food" is a fitting description of a good dairy herd.

## Jackson County Jersey Cattle Club

45 selected cattle from 10 herds—New sale pavilion,

## Holton, Kan., Wednesday, April 23

The 45 head of cows and heifers selected by the sale committee are from herds established from 10 to 30 years and 15 are cows in milk and 25 are wonderful heifers from calves to bred yearlings.

## Club members consigning:

E. C. Latta, Holton  
Raymond Walton, Holton  
Mrs. Nellie Knopf, Holton  
W. R. Linton, Denison  
R. A. Gilliland, Denison

W. W. Walton, Holton  
Frank Knopf, Holton  
Wendell Knopf, Holton  
Chas. H. Gilliland, Mayetta  
J. B. Porter & Sons, Mayetta

Jackson county, the pioneer Jersey Center.

An annual sale of real quality and breeding from working herds of proven production. Sale catalogs ready to mail. Address,

## R. A. Gilliland, Sale Manager, Denison, Kan.

Auctioneers: Jas. T. McCulloch, Geo. W. Berry, A. C. Campbell.  
J. W. Johnson, Fieldman Mail & Breeze.

## HOLSTEIN CATTLE

## HOLSTEIN CATTLE

## Holstein Dispersal Sale

60 lots, registered and high grade. Sale at the Dr. Williamson farm, two and a half miles northeast of town.

## Hutchinson, Kansas, April 9

Every animal in this sale was raised by Mr. Beebe and it is a working herd. 30 fresh cows or heavy springers. 25 are nice heifers. Three registered bulls ready for service. It is a clean up dispersion sale and every animal sells. Address,

## W. H. Mott, Sale Manager, Herington, Kan., or L. M. Beebe, Owner, Hutchinson, Kan.

Auctioneers: Cratts & Potter, Sterling, Kan.  
J. W. Johnson, Fieldman Mail & Breeze.

## HOLSTEIN CATTLE

**HOLSTEIN**

2. Of 94 cows producing 1000 lbs. butterfat or more in one year, 77 are Holsteins. As a breed they average highest in official tests for total butterfat. Holstein production insures profits. Write for Literature.

Extension Service

**HOLSTEIN-FRIESIAN**

ASSOCIATION OF AMERICA

230 EAST OHIO STREET, CHICAGO, ILL.

## Five Choice Holstein Bulls

Ready for service. Grandsons of Creator and from record dams. Bred on our farm adjoining Kansas City. Reasonable prices and terms to responsible parties. Write today or phone at our expense.

A. J. KING,  
No. 12 East 9th Street, Kansas City, Mo.

**HOLSTEIN HEIFERS**, reg., large well fleshed, 7-13 mos., some out of A.R.O. dams. By or bred to son of high record cow. Reasonable. E. E. Hanes & Son, Towanda, Kan.

**HOLSTEINS**. Splendidly marked, high grade heifers, 6 weeks old, \$20.00, shipped C. O. D. Registered bull calf free with 10-head order. Whitewood Farms, Stillwater, Minn.

**BEFORE ORDERING HOLSTEIN OR GUERNSEY CALVES** anywhere, write Edgewood Farms, Whitewater, Wisconsin.

**FOR THE VERY BEST** Holstein or Guernsey calves 7 to 9 weeks old, write Spreading Oak Farm, Whitewater, Wis.

**WESTVIEW FARM HOLSTEINS**. Choice bulls 10 to 15 mo. old. Well bred, well marked. Reasonable prices. Daniel Clinkensbeard, Wetmore, Ka.

**BRAEBURN HOLSTEINS**. Bull calves for sale; also cows and heifers. H. B. Cowles, 433 Kansas Ave., Topeka, Kan.

## LIVESTOCK AUCTIONEERS AND SALE MANAGERS.

## BOYD NEWCOM, Auctioneer

219 Beacon Bldg., Wichita, Kan.

## Jas. T. McCulloch

Livestock Auctioneer  
Clay Center, Kansas

## AYRESHIRE CATTLE

## What Does Your Herd Pay For Its Feed?

Ayrshires are economical producers. They have proved their worth on Kansas farms. Let us tell you how one farmer received \$3.57 for each \$1.00 worth of feed his Red and Whites consumed last year. You can increase your profits with Ayrshires.

## Ayrshire Breeders' Association

12 Center Street,  
Brandon, Vermont

## BULL CALVES

1 to 6 months old, \$50; mostly from dams with good official records. Females, 1 or a carload at moderate prices.

DAVID G. PAGE,  
Fairfield Farm, Topeka, Kansas

## GUERNSEY CATTLE

## 4 High Grade Guernsey Cows

For sale. Priced cheap for quick sale. A fine registered bull serviceable age and one registered bull 7 mo. old; also a registered bull calf, best May Rose breeding. Write

DR. E. G. L. HARBOUR, Box 113, Lawrence, Kan.

## In My Dispersal Dairy Sale

of April 30

There will be twelve fine purebred and thirty high grade Guernsey cows and heifers.

DR. J. T. AXTELL, NEWTON, KAN.

## JERSEY CATTLE

## Choice Reg. Jersey Bulls

Calves to serviceable age, \$40 to \$100. My last four herd sires came from Longview Farm. A. H. KNOEPEL, COLONY, KAN.

RED POLLED CATTLE

RED POLLS. Choice young bulls and heifers. Write for prices and descriptions. Chas. Morrison & Son, Phillipsburg, Kan.

FOR SALE, YOUNG BULLS, REGISTERED

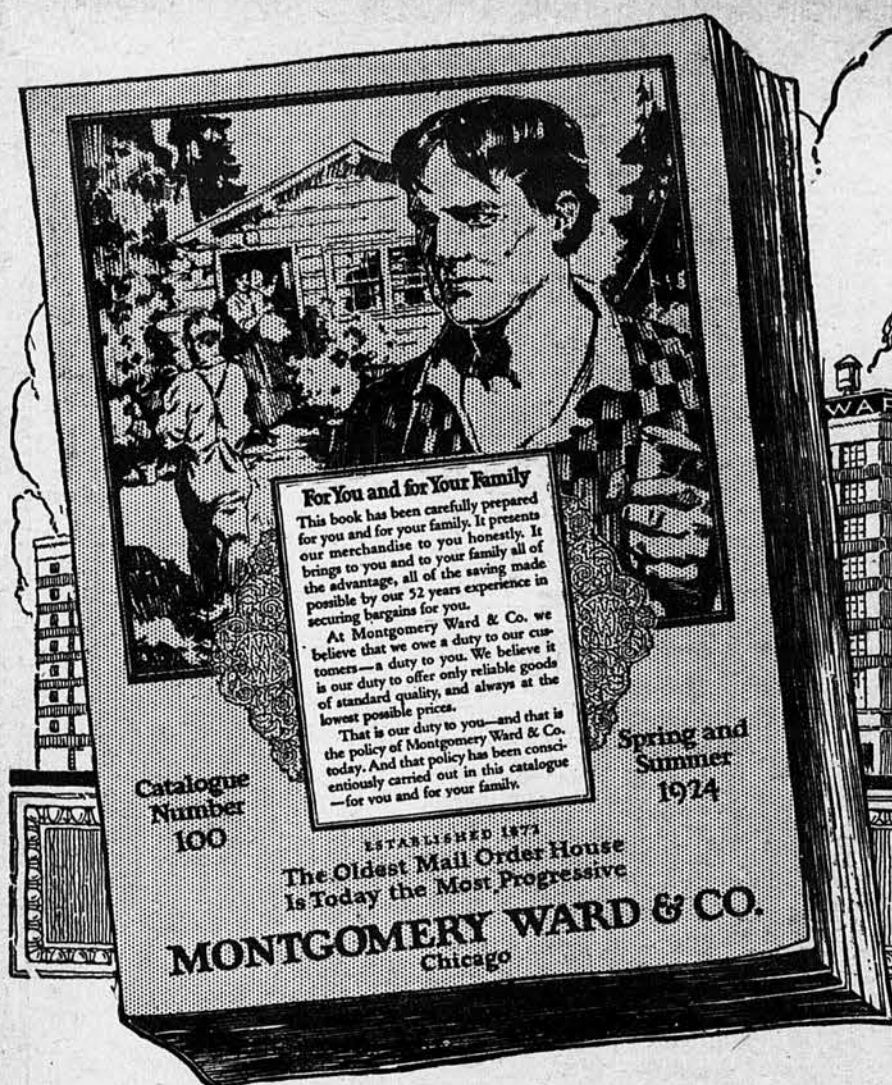
Priced reasonable. Ray Henry, Delavan, Kansas.

HEREFORD CATTLE

BRED OR OPEN HEIFERS AND COWS

Bulls—calves to breeding age. Sired mostly by Atomus 38, a Beau Myrtle sire. Bred females in service to Model Boy by Rocky Boy. Letter Schroeder, Albert, Ka.





## Our Policy

### As we serve—so shall we succeed

This business is founded upon the solid rock of Service to our Customers.

As we are of service individually to you, so shall we win and keep your patronage.

As part of our service to you we select for you and sell only goods that will give you satisfaction—only goods that will stand your inspection and use.

As part of our service to you we always offer you a saving. Fifty million dollars' worth of goods have been manufactured and bought for cash to make possible the low prices this book offers.

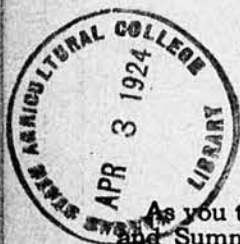
Twenty-four hour service in filling your orders is part of our work for you. Most of our orders are actually shipped within twenty-four hours, nearly all within forty-eight hours.

Our platform is one of Service. To be of real service to you is the basis upon which we solicit your patronage.

That for fifty-one years we have been of service, that today we are offering Service and a Saving and Satisfaction to over five million customers is the basis of our success.

As we serve—so shall we succeed.

## What Can We Do For You?



## A Personal Message from the President of MONTGOMERY WARD & CO.

As you turn the pages of this new Spring and Summer Catalogue there is just one thought uppermost in your mind:

*"What is there of interest in this book for me?"*

*How much saving is there for me?*

*What can Montgomery Ward & Co. do for me?"*

In imagination I look into the homes of over five million customers into which this book goes, and in each I seem to hear these same questions asked.

And as I sit here in my office and look around at over one hundred acres of floor space, filled with new merchandise, I see the answer so plainly, the many advantages, the great saving, that I wish there might be some way of bringing you more closely together—you and Montgomery Ward & Co.—so that you might learn for yourself the answers to your questions.

If I could draw up a chair with you there at your own living room table and turn with you the pages of this Catalogue, I would tell you the most interesting business story you have ever heard.

It would be a story of how thousands of our bargains are secured, how our low prices are made. It would be a romance of

ready cash and the tremendous buying power your patronage gives us. And of travel—travel through every part of this land and in Europe, searching for good merchandise at the lowest possible prices.

Do you know how our goods are bought—how our bargains are found? Let me give you an example: Here is a manufacturer who has a reputation for making the best goods, who lacks capital, who lacks business, so that his plant operates on half-time part of the year.

But he knows how to make good goods. We furnish the needed extra capital, we give him orders that make the wheels turn all day and keep his employees busy all the year. His own earnings are increased and his cost of manufacture cut far below anything he has ever known. And this saving goes to those who buy goods at Ward's—to our customers. What can we do for you?

You want to buy goods at a saving. You

want to buy goods that will give you complete satisfaction. You want prompt service. You want your orders filled promptly, and your letters answered promptly—and you want your patronage appreciated.

At Montgomery Ward & Co. you get all these things. These are the advantages that are waiting here for you.

A saving—yes, we try always to offer you a saving, but always a saving on goods of Ward Quality. I cannot lay too much stress on "Quality." We do not sell "cheap" goods. It is our policy to offer you only goods that will stand up, that will give service, that will do exactly what you want them to do.

It is easy to sell at seemingly low prices. All you need do is to buy low-priced goods. Cut something out of the quality, out of the service, and you can always make a low price. At Ward's we never sacrifice quality to make a low price.

And, for fifty-one years this has been the policy of Montgomery Ward & Co. For fifty-one years in every dealing with every customer we have tried to follow a "deal as you would be dealt by" policy.

Millions of people will buy from this Catalogue—at a saving. The same saving, the same guarantee of satisfaction exists for you. We solicit your patronage. We will deal with you as you would be dealt by. And your orders and letters will always be appreciated at Montgomery Ward & Co.

### 24-Hour Service

We have perfected our service for you. After much study and testing new systems and employing experts we have perfected a system that makes certain your orders will be shipped promptly.

Our records prove that during the past year most of our orders were shipped in 24 hours—nearly all of our orders within 48 hours.

*Theodore F. Mercedes*  
President

# Montgomery Ward & Co.

Established 1872

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