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# KANSAS FARMER

AND

# MAIL & BREEZE

Vol. 63, No. 8

February 21, 1925



# Who Are the Capitalists Behind the Standard Oil Company? (Indiana)



**T**HE capital which enables the Standard Oil Company (Indiana) to function efficiently in service to the public is provided by 49,804 shareholders who have invested in the Company's Capital Stock.

These people come from all walks of life. They are bankers and wage earners, farmers, lawyers — your milkman, perhaps the laundryman — people of every type. Of these stockholders 14,773 are active employes of the Company.

Nearly all their stock holdings are small — not one owns as much as 6% of the whole. Yet, these small individual investments — which alone could achieve next to nothing — when united under the direction of capable managers, provide the capital which enables the Standard Oil Company (Indiana) to supply gasoline and oils to you and to millions of other people in ten rich and populous states.

The widow, the orphan, the merchant, the farmer, the professional and laboring man, find here a safe investment for their savings. These small sums — ineffectual alone — when combined constitute the backbone of big business.

And this is Capitalism!

Collier's Weekly, in a recent editorial, says: "Society was formerly divided into two classes: Men of Millions — the Capitalists; and Millions of Men — the Public. But the Millions of Men are rapidly being graduated into the ranks of Men of Millions. Examine the lists of stockholders of big corporations. Millions of Men now own Big Business."

Capitalism is merely the modern way of meeting the needs of our highly complex civilization. The vast scope of the oil industry requires a large investment of capital. It takes huge sums to maintain great refineries, oil depots, tank wagons, service stations and other facilities for manufacture and distribution.

The only way to attract this capital is to encourage small investors to buy shares in the business, by showing them that such investment is safe and profitable. This, the Standard Oil Company (Indiana) has done.

The great service institution which you know as the Standard Oil Company (Indiana) is able, by reason of such capital, properly directed, to bring the products of petroleum to you, thus enabling you and millions of others to enjoy the freedom of rapid, flexible individual transportation.

**Standard Oil Company**  
(Indiana)

General Office: Standard Oil Building  
910 So. Michigan Avenue, Chicago

# Vitreous Wheat Kernels Lure The Mill Man's Cash

By M. N. Beeler

IT'S THE hard flinty wheat kernels that millers like. That's the kind required to make the flour bakers demand for making the loaf housewives buy. And the millers find more of those kernels in Kansas than elsewhere. That's why "Kansas Grows the Best Wheat in the World."

At one time some of the states northward grew that kind of wheat, but growers became careless. They sapped their soil of its vitality, let the wheat run down and permitted weeds and other foreign plants to get a foothold. Millers sought to replace the hard, dark wheat that contained the protein they required for meeting bakery demands. They found it in Kansas. They are coming to rely more and more on this state as the wheats elsewhere fall them.

Albert Weaver, Bird City, one of the best wheat growers in Kansas, believes in the slogan. He is convinced that some Kansas wheat at least is the best in the world. He would make all of it that way. And he would have Kansas profit by the experience of other states which once produced the high protein wheat.

## Veteran Smut Warrior

"If all farmers will select their seed, treat it for smut, maintain their soil fertility and the purity of their strains, millions in wealth could be added to the state," said Weaver. "Since 1908 I have been grading my seed and treating it to prevent smut. Since 1914 I have had the same strain of Turkey, and I have the strain of Kanred that I started with in 1917. That was the first year I could get it."

Weaver suggests tillage, improved quality and better machinery as the three important factors in producing wheat at a profit. Improved quality can be had by maintaining pure strains of dark hard wheat. Better yields and improved soil fertility are possible by summer tillage as he practices it.

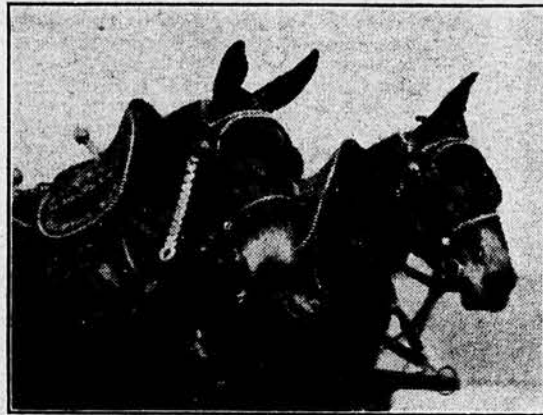
And are Weaver's methods effective in producing the kind of wheat that millers require? It would seem so. Nebraska millers urge him to ship his production to them. They will run the protein test and make an offer. If he is dissatisfied with the price, they agree to put the car back on the main line and rebill it to any destination he may require. Two big mills in the Kansas City territory have a standing order for any wheat received from Weaver by his commission firm.

Last year Weaver grew 75,000 bushels of wheat on 2,800 acres. The protein content runs from 13.2 to 14 per cent. In 1922 he had 36,000 bushels

stored in Kansas City that tested 57 pounds and contained 14 per cent protein. The prices he receives usually are within a cent of the Kansas City top, and frequently he receives the top.

"Many of my neighbors are following the same methods," said Mr. Weaver, "and they get the highest prices at marketing time. Their experience and my own convince me it is possible to maintain the quality of Kansas wheat, and I know mills will pay a premium for the high protein."

## Huh! That's Funny



Among the Northwest Kansans who are producing high quality wheat by selecting a good quality strain and following a summer tillage rotation of one year fallow in four years are John Folke, Atwood; C. H. Phipps and Asa Payne, McDonald; Brubaker Brothers, John Fix, Kite Brothers, John Weaver, Harry Gilliland, Will Bowans and August Busse, Bird City.

Protein content is affected primarily by climate and soil. In general dry weather and a soil high in nitrogen produces a high protein content. Wet seasons and thin soil produce a low protein wheat. On these facts most authorities agree. A pure strain of hard wheat under either set of conditions will likely contain more protein than an impure

strain or a mixed kind. To the extent that a farmer can select his strain and improve the nitrogen content he can control the percentage of protein. It is possible that protein also may be affected by inheritance. Continuous selection of high protein wheat for seed might have some influence. At least there is some indication of this possibility, but not much experimental evidence.

Until within the last four or five years wheat was sold on its test weight and grade. With that as a guide much high protein wheat lost its identity, because in many cases the dark hard wheat of low test weight runs high in protein.

Demands of bakers for a high gluten flour changed the basis for wheat trading in central markets. It has not had much effect at country points. Farmers can have the protein test made and can then sell their wheat on its merits, but few of them do so, and elevators continue to buy on the old basis.

## Bid Up for Protein

"The percentage of protein has more to do with the value of wheat than anything else," said H. M. Bainer, director of the Southwestern Wheat Improvement Association. "The present value of high protein in hard wheat is clearly shown in prices paid on the Kansas City market in the last few weeks. During this time the average premium, based on No. 2 Hard Winter wheat, for 12 per cent protein has been 7 cents a bushel above the price for ordinary No. 2 wheat; for 12½ per cent protein it paid 10½ cents premium; for 13 per cent protein it paid 14 cents, and for 14 per cent it paid 18 cents premium. This wide margin paid for the same grade of wheat on the same day on the same market is accounted for almost entirely by the difference in protein.

"The protein content of hard wheat may run as low as 8 or 9 per cent and as high as 16 to 18 per cent, but 12 is a high average. Wheat of less than 12 per cent seldom commands a premium."

Unless the grower takes the initiative he will not receive the premium. A test is made of all wheat received on the central market. If it is consigned to a commission firm by the grower he likely will receive payment on the basis of protein content. If it is sold to a local elevator it will be paid for on the basis of its test weight and the grade the elevator man thinks it will take. The Kansas Grain Inspection Department will test samples for farmers, and it would be advisable to have such a test made before offering wheat for sale.

# A Carplike Fish in Three Letters!

It seems "the crossword puzzle thing" has reached England. Privately we fear for the worst, don't you know, if it becomes "the rage" in that solemn land. And we presume, judging from this story by Robert Lynd, which appeared recently in the New Statesman of London, that it may have occurred. But suppose we let Bob tell it.

A FRIEND who returned from the United States recently told me that, if you pay a visit to anybody in that country under the rank of President just now, the first thing he says to you after shaking hands is sure to be something like: "By the way, can you tell me the name of a mythical bird in three letters ending in 'j'?" At first I was reluctant to believe this about the citizens of a hard-headed and hospitable nation. But during the last few weeks the disease has spread to this side of the Atlantic, and in newspaper after newspaper you can now see what looks like a picture of the signboard of the Chequers Inn, with the squares very numerous and irregularly colored, and with mysterious numbers written in some of the white spaces. If you are wise you turn the page hurriedly and try to forget the passing follies of mankind in some engrossing story of blackmail with an Eastern prince as a hero.

## Into Debilitating Company

If you pause at the picture you are sure to get caught in the general infection, and you will find yourself working out a crossword puzzle with a deceptive and soothing sense of victory that is unworthy of one of the higher animals. It is very difficult not to be curious about a new fashion, but I think I should have had the strength of will to leave crossword puzzles alone if I had not gone into the country for the week-end and fallen into the debilitating company of nieces.

On Sunday morning I had breakfast in bed. At least I had breakfast brought to my bedside, where I left it to grow cold, as a poor substitute for slumber. Half asleep and half-awake, I lay there, too idle even to care what was in the Sunday papers and lazily listening to the charming November noises of the thrushes and starlings in the garden. In this happy world I became suddenly aware of the intrusion of a human presence. A small voice, hesitating but hopeful, was asking, "Are you asleep?" "Yes," I answered, not opening my eyes,

"I am sound asleep." "Are you sure?" the voice persisted timidly. "Quite sure," I replied, keeping my eyes shut. "Are you quite, quite sure?" The voice seemed to become a little despairing.

I opened my eyes and, looking round, saw a small dark head projecting itself into the room thru the quarter-open door. A small, round face smiled. "Oh, so you weren't asleep at all!" said Betty, coming into the room. It is no use arguing with a child of 12, and, anyhow, the mischief was done, and I was now wide awake.

"Well," I said, "do you want me to get up?" "No," said Betty, "you needn't get up. But can you tell me the name of a carplike fish in three letters?"

If one were not accustomed to the strange ways of nieces, one would regard with considerable apprehension a question so extraordinarily sprung on one so suddenly so early in the morning by a child. Instead of concluding that the child was an imbecile, however, I accepted her question as perfectly reasonable, and assured her that I did not even know what a carplike fish was like, and that the only fish in three letters I could think of was "cod."

She ran over to the window and, putting her head out, called to her sister who was inspecting the bulbs in the garden: "Ann." "Yes, what is it?" "Could it be cod?" "Could what be cod?" "The carplike fish in three letters."

"Don't be silly. A cod isn't a carplike fish. Besides it has to begin with 'i' and end with 'e'."

Betty withdrew her head from the window. "Ann says," she informed me, "that the carplike fish begins with 'i' and ends with 'e'." "And it has to be in three letters?" "Yes." "Then it's perfectly simple. Get a dictionary, and look up the words ihe, ice, ide, ife, ige, ije, ike, ile, ime, ine, ipe, ire, ise, ite, ive, ix, and ize. It's sure to be one of them."

She hurried off and brought a huge dictionary. Together we turned its pages, and I at least did not abandon hope till we came to "ixe," and found that the word was not given. The more I bent my mind to the matter the more I became convinced of the existence of a carplike fish called the "ixe," and it was with a sense of bitter disillusionment that I looked at the place in the dictionary where

the word ought to have been and failed to find it.

By this time, however, I was so hot on the chase that it was impossible to leave the matter where it stood. I sent Betty downstairs for the volume of the Encyclopedia Britannica with CA on the cover, and poured myself a cup of cold tea to wash the last traces of drowsiness from my brain.

We opened the Encyclopedia at the word "Carp," and learned that the carp is "the typical fish of a large family (Cyprinidae) of Ostariophysi, as they have been called by M. Sagemehl, in which the air-bladder is connected with the ear by a chain of small bones (so-called Weberian ossicles) and the mouth usually is more or less protracile and always toothless; the lower pharyngeal bones, which are large and falciform, subparallel to the branchial arches, are provided with teeth, often large and highly specialized, in one, two or three series (pharyngeal teeth), usually working against a horny plate attached to a vertical process of the basioccipital bone produced under the anterior vertebrae, mastication being performed in the gullet."

## More Tea Was Required

Thinking that I could not yet be fully awake, I poured myself out a second cup of tea, and handed the Encyclopedia over to Betty. "You read," I said to her. Whereupon she took the volume on her knee and read out slowly:

"The Cyprinidae are divided into four sub-families: Catostominae (mostly from North America, with a few species from China and Eastern Siberia), in which the maxillary bones take a share in the border of the mouth, and the pharyngeal teeth are very numerous and form a single, comb-like series; Cyprininae, the great bulk of the family, more or less conforming to the type of the carp; Cobitidae, or loaches (Europe, Asia, Abyssinia), which are dealt with in a separate article (see Loach); and the Homalopterinae (China and southeastern Asia), mountain forms allied to the loaches, with a quite rudimentary air-bladder."

"I think that's enough, Betty," I said gently. "It's quite obvious that there isn't any carp that

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# KANSAS FARMER

Published Weekly at Eighth and Jackson Sts., Topeka, Kan.

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**F. B. NICHOLS, Managing Editor** **T. A. McNEAL, Editor**  
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Entered as second-class matter February 16, 1906, at the postoffice at Topeka, Kansas, under act of Congress of March 3, 1879.

**ADVERTISING RATE**  
 80c an agate line. Circulation 120,000  
 Advertising orders, changes in copy, or orders to discontinue advertisements must reach us not later than Saturday preceding date of publication when all advertising forms close.

**SUBSCRIPTION RATES: One dollar a year in Kansas and Colorado. All other states \$2 a year**

Please address all letters in reference to subscription matters direct to Circulation Department, Kansas Farmer and Mail & Breeze, Topeka, Kan.

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## Passing Comment—By T. A. McNeal

I HAVE no disposition to nag the legislature or belittle it. I think the members will average up well with those of previous legislatures in both character and ability. And I am paying it a compliment, for Kansas legislatures have been made up of decent and fairly intelligent men. In every legislature there have been some dumbbells and occasionally there have been crooks, but the dumbbells and crooks were the exception.

And yet this legislature probably will adjourn without having accomplished anything of much value, altho there may be some tax legislation of importance. It may be that as a result of legislation enacted by this legislature several hundred million dollars of intangible property will have to bear a part of the burdens of taxation, and if so that will be worth while, but I do not look for a lessening of the cost of government. I do not look for the elimination of waste, the cutting out of unnecessary machinery. I shall be surprised if living conditions are made any better by what the legislature does.

I have, for a good many years, had an impression that our government, both local and state, might be simplified and made less expensive and more effective. Our higher educational institutions ought to be self-sustaining, and the taxpayers who get no direct benefit from these institutions should not be required to help pay for their maintenance. But I would help the poor boys and girls to get a higher education; I would put them in a position to help themselves. By so doing I think appropriations for state purposes could be reduced 40 per cent.

### Chance for the Army

BY A CO-ORDINATION of the state and general government the regular army might be utilized as an effective constabulary. With a single legislative house of not more than 30 members the affairs of the state could be managed economically. A city can be run better by a small commission than by the old cumbersome council.

A governor should select the heads of departments, as the President selects his cabinet, and these heads should be made useful as well as ornamental. The duties of the board of administration and the utilities and tax commissions could be performed by the appointive state officials, and these expensive boards abolished.

The business of the counties should be conducted by a commission of three members, who should select the necessary assistants, and these three should be the only elective officers.

The number of court judges could be reduced to not more than 25, elected at large and without districts, and these should be assigned for service by the supreme court so every county might have the benefit of the most competent judges, the poorest county as well as the richest.

### Might Help With Teachers

OUR common schools should be supported by a state wide tax, the pay of teachers of certain grades equalized, and the poorest districts enabled to have as competent teachers as the richest without being unduly burdened. Our common school curriculum should be simplified and shortened, and the children drilled thoroly in a few essentials instead of acquiring a smattering of many subjects and a workable knowledge of none.

It is all right to teach the children how to play, but I still have the impression that there are other educational studies more important than either football or basket ball, and that having a good time is not the paramount object of our expensive educational system.

No legislature in 50 days can rectify the mistakes of our governmental, judicial and educational systems. But the discouraging thing about the situation is that we are not making much headway.

### That Amendment is Dead

FROM Burden A. E. Millard writes at length in opposition to the proposed Child Labor amendment. Mr. Millard makes a strong argument against the proposed amendment, but why waste space on that subject now? It is as dead as a door nail. There is no possibility of its ever being ratified by the required number of states. Its advocates made the fatal mistake of propos-

ing to give Congress the power to regulate or forbid the labor of persons under 18 years old. Then they went out to argue that Congress would never do what the proposed amendment gave it the power to do; that was an admission that the proposed amendment gave Congress a greater power than it should exercise. Opponents took immediate advantage of this admission, and from that time the amendment was doomed. Congress should not be granted greater power than it can properly use. It is no answer to say that Congress has unlimited power over the persons and property of citizens in case of war. War is an emergency, and granting that war may be justifiable under certain



conditions, it follows that in such a case Congress should have summary and unlimited power in the prosecution of that war.

The regulation of child labor is not an emergency, and the power of Congress should be limited to such measures as may be just and reasonable in regulating child labor in time of peace.

If the age limit had been set at 14 instead of 18 the proposed amendment might have been ratified. As it is, it never will be.

### A Favorite American Sport?

AN EDITORIAL appeared last week which was written, as I stated, a week before the paper was circulated. A number of persons had predicted the destruction of the world; it might continue for a week before the job was completed, but on a certain day the general break-up would start. Well, nothing unusual happened. The world is still revolving in space, and no great calamity has visited our planet.

This matter of predicting the end of the world is nothing new. There are a good many persons who seem to take a melancholy satisfaction in predicting disaster. There are a few very old folks who remember the craze that struck the country about 1840. A man by the name of Miller believed he had found out just what the various prophets, more especially Daniel, meant, and that they were foretelling the end of the world. Perhaps that was a more religious age than this one, and Miller had a considerable following who sold their possessions and waited for the day when there would be a general wind-up of all things earthly. Nothing happened; then Miller decided he had made a mistake in his calculations. He put the date off for a year or two; but he could not rally all his former followers. However, nothing happened that time either, and so Miller decided he had been mistaken. That did not keep other cranks from indulging in predictions. There was the Mother Shipton prediction that the world would come to an end in 1881. Again nothing happened.

There has been an unusual outbreak of this prophetic nonsense within the last year or two. Something, the prophets say, is going to happen to the world and mankind in general this year. Some friend sends me a magazine devoted largely to prophetic interpretation. No failure of former predictions seems to discourage these persons. The

only harm that comes is that some folks become unsettled mentally as a result, and we have too many crazy people anyway.

### Is Labor a Curse?

I HAVE referred to the failure of the attempt to amend our United States Constitution to give Congress the power to regulate or forbid child labor. I am of the opinion that one trouble with our reformers is that they start from a wrong assumption—that labor is a curse, something to be put off as long as possible.

The reformers will say I am talking thru my hat, and that they mean nothing of the kind. Well, let us see about it. They all argue that children should not be put to work until they are at least 14. They make a moving appeal for the child to have the right to play.

The only conclusion to draw from that argument is that the child would be injured and rendered unhappy by being put to work. I disagree entirely with that general proposition; there are kinds of work that are not only useful but beneficial to children. The child certainly should not be required to perform labor that endangers either his life or health, or that deprives him or her of the opportunity of acquiring a fair education, but it occurs to me that the effort should be directed toward making working conditions so pleasant and healthful that work will be as pleasant and fully as well calculated to develop the child as play. I have no doubt that many children have been injured by play, maybe not so many as have been injured by working in factories and under unfavorable, unhealthful conditions, but more than have been injured by healthful out-door work where the child is not required to do more than its strength will permit.

### Why Shouldn't They Work?

A GREAT many children are ruined by idleness, and there are many cases in which even young children might help their parents with work that would benefit them. Suppose a case of a widow with healthy children even under 14 years old. The mother has to support those children by her toil, or humiliate herself by asking either public or private charity. There should be useful work that these children could do without injury to themselves and with great assistance to their mother. If the law says they must not be employed in any gainful occupation no matter how pleasant, it does both the mother and the children an injustice.

What the law should say is something like this: These children may work at any sort of labor that is not too heavy for their childish strength, but the conditions of employment must be so pleasant and sanitary that no harm can come to them.

Work is not in itself a curse; it may and should be a blessing. It is only when the conditions under which it is performed are unsanitary or of a nature that makes the work grinding drudgery that it takes the joy out of life and stunts the mind and body. Then labor becomes a curse both to children and grown folks.

### Answers to Anxious Inquirers

**ELEANOR**—I do not understand why you should lose any sleep worrying over the possible end of the world. Assuming for the purpose of the argument that the world is going to blow up sometime during the year, what, I may ask, can either you or I do about it? It seems to me to be the limit of foolishness to worry over what you can neither prevent nor avoid.

**J. B.**—You ask what is your duty in regard to the \$10 bill you found. Well, J. B., if you can discover the owner of that ten spot you should return it to him, but if I were you I would not turn it over to the first man I met who claims he is short a ten. The chances are he is lying.

**LEONA**—You say you do not love the young man well enough to really want to marry him, but that he threatens to kill himself if you do not. The chances, Leona, are at least 10 to 1 that he will not kill himself even if you give him the icy mitt

But if he is fool enough to kill himself because you or any other girl refuses to marry him he is too big a fool for you to waste your life on.

PROUD FATHER—I cannot see why the fact that you are the father of 15 children entitles you to a biographical sketch.

CITIZEN—I do not know why the proposed amendments to the constitution increasing the pay of members of the legislature have been voted down.

LUCILLE—Certainly I am in favor of education, but not on the theory that it will necessarily increase contentment and happiness.

DISCOURAGED—I cannot agree with you that there is reason to be discouraged on account of the slow progress of mankind.

REFORMER—There may be men who were ruined by hard work when they were boys. I never happened to know such a man but no doubt they exist.

GOLDEN RULE—I will not say that it is impossible for us to love our enemies. I think it possible to have a liking for people whom you know do not like you.

Duties of a Landlord

Is the owner of a pasture required by law to furnish water for the person who rents it?

No.

Liability on a Contract

A is a farmer and has kafir to sell. B is a grain buyer and wants the contract for this corn at so much a bushel, but does not pay any money down.

The mere fact that B did not pay any money down on the contract would not make it invalid. And unless there was some other reason for not enforcing it, the contract could be enforced against either party to it.

Waterways Save Millions to Farmers

THE Senate joins the House in the Hoch-Smith resolution declaring farming the nation's basic industry, and transportation the chief means by which the necessary readjustments of the farmer's economic status are to be restored.

In this joint resolution Congress urges immediate revision of freight-rate tables to insure farmers fair shipping rates.

The farmer is a long-haul shipper. His commodity compared with other commodities which make up bulk traffic is the lowest of them all in sale value.

Neither of these facts is recognized in existing rail tariffs. As a consequence the farmer is grossly discriminated against.

But this resolution is only suggestive. Action in conformity with it is up to the Interstate Commerce Commission. Congress cannot compel such action.

However, Congress has means whereby, directly and independently, it may bring about a revision of freight rates that will wipe out discriminations against the farm shipper.

For 20 years the Government has been working on a system of inland waterways of 6,520 miles, at a present investment of 174 million dollars.

to that contract and B could be held to pay the market price, altho it might be higher at the time of delivery than when the contract was made.

Second cousins are permitted to marry in Kansas.

Settlement of an Estate

B rented a farm from A for seven years. He farmed the place for three years, and then subleased it to C, who has farmed it for three years.

Under our Kansas landlord and tenant law B had no right to sublet this land without the consent of A, but I assume this consent must have been given.

Wronged Wife

I wonder whether you could give me a little advice. I have been married nearly four years and every year seems to get worse.

I broke his car once and he told me I had to pay for it. I did not and it was lucky since I have paid the doctor bill and fed the chickens all winter and spent \$90 or more just in small things badly needed.

Excuse my long letter but I thought you would help me. I am so far away from everything. Is there any moral obligation on me to pay for the repair of the car?

Work on the lower Mississippi from Cairo, Ill., to the Gulf is now completed for year-around navigation.

On the lower Mississippi—from Cairo to the Gulf—the Government operates a barge line. Any one of the barges can carry 100 cars of wheat.

A cargo of wheat went from Omaha to St. Louis by rail and from St. Louis to the Gulf by barge line. The saving between the joint rail-water and the all-rail haul was \$7,500.

Testifying before a House committee, Senator E. E. Frizell of Larned declared the present operation of the Mississippi barge line from St. Louis to the Gulf saved Kansas wheat farmers not less than 4 million dollars in 1924.

That the competition of water transportation brings concessions in land freights we would not otherwise get.

Why railroad interests are implacable foes of the development of inland waterways.

Indeed it may be that we get a glimpse here why these comparatively few but vital links connecting inland waterways have been so long neglected.

The present session of Congress has made progress toward perfecting the waterway system. In the army appropriation passed by both houses, is an item of 40 million dollars for inland waterways.

thing outside going to fulfill that obligation?—S. N.

If the facts are stated in this letter of course this husband is a brute and his wife should either obtain a divorce or a separation and division of property without divorce which probably would be better for her and restrain him from marrying some other woman and tyrannizing over her.

Of course she is under no moral obligation or any other obligation to pay for the repair of this car.

Rights of A, B and C

1—There are three persons in this case, A, B and C. Can A sign a bond to advance a case for C against B and then be chosen juryman to convict B?

1—In a case in which B and C are parties at law if A becomes bondsman for either of them it would of course disqualify him from acting as juror and if any objection was made to his so acting he would have to be excused.

2—A juryman of course is not supposed to know all about a case, in fact he is not supposed to know anything about it.

3—If B's lawyer permitted A to serve on the jury where his client was defendant knowing that A was bondsman for the opposing party he was of course very derelict.

4—Your question is very indefinite. It depends on what unlawful act A has done.

5—No man can be brought into court without having been notified of the action brought against him.

Religious Affiliations of Officials

1—What per cent of the Government officials at Washington, D. C., are Catholics? 2—What per cent of the state officials at Topeka are Catholics?

1—I do not know what per cent of the Government officers at Washington are Catholics and neither do I think there is any way in which the information can be obtained.

2—I do not know exactly what per cent of the state officials are Catholics but I would say that the per cent is very small.

3—The Catholic population of the United States according to the World Almanac for 1924 is 18,260,793 which would be approximately 16 per cent of the population of the United States.

This figure is within the budget. Of this sum 17 million dollars is for maintenance of completed units, and 23 million dollars for work on the joining-up links.

The Government has spent millions upon millions in seaboard harbor improvement. Most of this was properly expended. The seaboard demanded this, with sound argument as a national necessity.

Now it is the turn of the inland empire to obtain the removal of those artificial and prosperity-destroying barriers which time and custom and legislation have built up to the disadvantage of the great valley, that produces so much of the nation's wealth.

The arguments of advocates of the inland waterways system are unanswerable.

There is no purpose to destroy either railroad property or railroad service. Both rail and water transportation are essential to the development of the inter-mountain region.

Meritorious as the inland waterways project is; as proper a concern of Government as it is; it is important that it be kept always upon the high plane of merit.

Arthur Capper

Washington, D. C.



Mrs. Reginald C. Vanderbilt as She Appeared at Beaux Arts Ball, New York, in Costume of Black and White Organdie and Head Dress of Ostrich Plumes

Below is Best Looking Farm Hand in Kingman County, Mildred Evans, with County Agent H. L. Hildwein. She is Daughter of E. M. Evans, President, Farm Bureau



Robert Reidt, Patchogue, Long Island, and Family Giving Thanks for God's Mercy, on Eve of "End of World." They Expected World to be Wiped out Except for Themselves and a Few Hundred Other "Elect and Perfect" Adventists



Miss Jean Lamont Wearing Prize-Winning Hat, Selected by Society Women and Artists at Fashion Show of Retail Millinery Association

Right, View at Site Where Royal Princess Museum 2,400 Years Old Was Unearthed at Ur of the Chaldees



Mrs. Jack Dempsey, Formerly Estelle Taylor, Movie Star, Treating a Guest at "Party" She Gave for Her Animal Friends of the Barnes Circus in Los Angeles

Below, Radio Towers at K. S. A. C. from Which Lessons are Broadcast to 2,000 Students of "College of the Air"



Firemen Pouring Water, That Froze Almost Instantly, on Smouldering Ruins 18 Hours After Start of Fire That Destroyed Two City Blocks in Montreal on Coldest Day This Winter



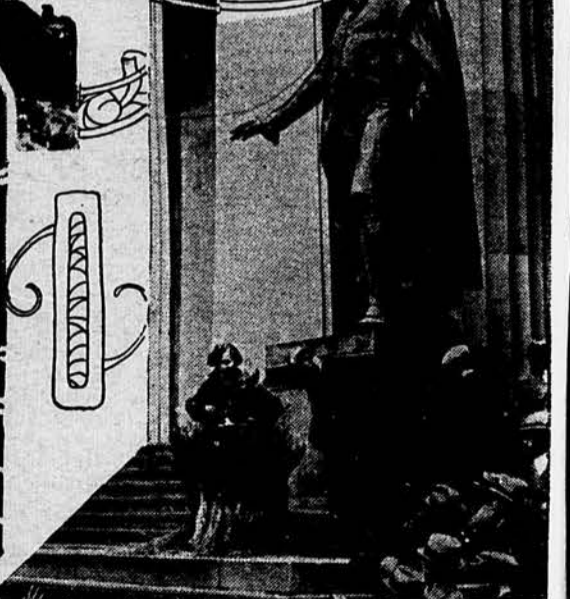
First Direct Cable Between Italy and America Has Just Been Laid. At Right, Workmen at Anzio, Italy, Attaching the Submarine Cable to Central Telegraph Line of Italy, Connecting it to Rome



Five-Masted Bark, Kobenhavn, Used as Training Ship for Danish Cadets, is Largest Square Rigger in World. All Officers and Crew are 6 Feet or More Tall



Miss Gertrude Warren, Specialist in U. S. Department of Agriculture Who Helps Make Life More Attractive for Farm Girls Thru Club Work Organized by the Department



Wall Street Crowd "Bulls" Wheat as Miss Vada Watson, "The Kansas Wheat Girl," Tossed out Tiny Bags of Golden Grain in Front of U. S. Subtreasury

# Green is Wheedling a Profit From His Reluctant Soil

**B**ACK in 1901 two youths were driving along an Osage county highway. One noticed a luxuriant growth of green vegetation beside the road. He pulled up the horse and they got out to examine the weed.

"Farmers ought to get out and fight that stuff," said the second boy. "It'll take their land."

A dozen years later, N. B. Green, one of the boys, then grown up to be a farmer, went to that roadside and carefully harvested some of the "weed" seed and deliberately introduced it to 70 acres of his worn soil. That "weed" was Sweet clover, and in the 10 years since that seed harvest, the "weed" has become Green's chief source of income. Besides the seed he gathered to sow his field, he sold \$150 worth. That gave him an idea.

Last season he harvested more than \$2,000 worth of seed from 70 acres. "I would have starved to death if it hadn't been for Sweet clover," said Green. "I don't contend that it's more profitable than other crops. I merely know it is a profitable crop for thin land. Our soil needs the influence of Sweet clover, and because there is a demand for seed I can make a living at the same time I am improving the soil."

Green has 100 acres in Sweet clover on his farm north of Melvern. He recently sold a small place which contained 20 acres. He agreed to pay the buyer \$300 for the privilege of harvesting the seed. That's \$15 an acre rent, and shows how he regards the profit-making abilities of the crop.

Green pastures his crop even after it begins to bloom. The growth must be controlled, and if insufficient stock are available it must be clipped. That causes it to send out more seed stalks and holds the growth back so it can be harvested with a binder. Otherwise the seed could not be saved.

Sweet clover shatters easily, and much seed is lost in that way. This shattered seed usually is sufficient to reseed the land. Last season Green placed a seed box under the opening between the platform and elevator canvases and another under the binder to save seed shattered by the bundle kickers. In this way he saved 100 bags of seed, which paid the cost of harvesting.

He has one acreage sowed eight years ago. It has reseeded itself four times. In the beginning he sows 5 to 6 pounds an acre, which he contends is enough to give an ample stand if the seed is good.

"Our land is well adapted to Sweet clover seed production," said Green. "In some sections farmers cannot mature or save seed, but they wish to grow the crop. It's our job to supply them. Why should we try to grow grain crops when we can do better? Our land has been worn out by corn and wheat. Sweet clover will restore the fertility and enable us to make money at the same time."

## Producers in Big Gain

**B**USINESS handled by the agencies of the National Livestock Producers' Association on 14 central markets showed an increase of 28 per cent in 1924 over 1923. There was a gain of 32.7 per cent in the value of livestock handled, due largely to an increase in the value of hogs. Producers' agencies handled 92,336 cars of hogs in 1924, compared with 72,137 in 1923. Sales for 1924 amounted to \$121,507,982.93, and the net earnings to be returned to producers as rebates amount to \$426,190.00. The rebate in 1923 was \$369,761.03.

## 243 Pounds at 8 Months

**G**EORGE L. McCARTY of Lecompton sold 95 Duroc hogs, averaging 243 pounds, 8 months old, on the Kansas City market recently at \$10.70, the top.

Mr. McCarty is a bachelor.

## Record Hog Runs Continue

**D**URING December 1,436,029 hogs arrived at the Chicago Union Stock Yards, establishing a new monthly record. On top of this tremendous

run, 1,280,581 more were tallied up during January which is the second highest number to be unloaded in a single month since the founding of the Chicago market in 1865. The opening session of February saw 101,087 hogs arrive at Chicago, a record only once surpassed in the history of the yards, and that on last December 15 when 122,749 porkers were counted out of the cars.

## These Mules Brought \$400

**J**AKE STOFER of Scandia sold a team of mules a few days ago for \$400. That wasn't so bad!

## That's a Smart Panther!

**F**IVE hundred hunters have again failed to find the panther at Greenleaf! The hunt covered a block of land 5 miles square. But William Kloznbucher, 4 miles northeast of Greenleaf, says he saw the animal close to his buildings at sundown the night before the hunt. It is believed the big cat is one of a pair which escaped from a circus two years ago at Grand Island, Neb.

## 6 Acres; 19 Bushels; \$205.20

**J**OE COUTURE of Clyde threshed 6 acres of alfalfa recently, which produced 19 bushels, which he sold for \$205.20.

## No Blacksmith at Galva

**E**RNEST ARNOLD of Galva rode 8 miles to McPherson recently on a pony, leading a team of horses to be shod there. Galva has no blacksmith, so he had to travel 16 miles to have this work done. Galva is the second town in McPherson county to find itself without a blacksmith, due to the inroads of the motor car, which has made this trade unprofitable in the smaller towns.

## Has the Original Claim

**F**ORTY years ago the Rev. I. W. Bailey of Ottawa staked out a quarter section in Kiowa county south of Greensburg. He still has it, and is one of the four men who have the distinction of owning their original claims in that county. Twenty-two years ago he purchased another quarter for \$350; during the war period he refused \$20,000 for the half section.

## 1,450 Pounds Average, at \$10

**A**CARLOAD of steers averaging 1,450 pounds was sold recently on the Kansas City market by D. Loomis of Marquette for \$10 a hundred, the top.

## How Hoover Does Things

**T**O SUPPORT his work for the elimination of wastes and lost motion in industry and trade, Congress gives Secretary Hoover's department \$100,000 a year and Mr. Hoover in an address before the President's agricultural commission stated that this work is now so fully "sold" to industries that if Congress refused to back it the industries themselves would provide the \$100,000 or even a million dollars annually to carry it on. Mr. Hoover gave what he termed a conservative estimate of what it had accomplished as a saving to the public, of 600 million dollars a year, and it has only got fairly going.

But while Congress appropriated \$100,000 for this work, Hoover himself has gone down into his private pocket, and in 1924 paid \$100,000 out of his own means to hold men in his department who were worth more money than Congress will allow for their jobs.

This is believed to be unprecedented in Washington. Not many cabinet heads have the wealth to dispose of in such a way, even if they were so sold on their job that they were willing. Mr. Hoover

is not, as American wealth goes, a very rich man, and he has not been making money for more than 10 years. But he is the same idealist as when in the summer of 1914 he threw up his engineering business, went to Belgium, advanced 2 million dollars out of his own pocket and got Belgian relief started. He has rebuilt the Department of Commerce and made it in practical ways the outstanding department of the Government.

## Right on the Head!

**W**HEN Mrs. William Rorabaugh, a 67-year-old widow of Smith Center, desires carpenter work done she does it herself, assisted by her two young daughters. A kitchen addition to the home they occupy was needed recently, and the trio straightway set themselves at the job. The mother laid the foundation herself, then with her daughters' assistance raised the frame and put on the weatherboarding and roof. Only the interior finish work was done by men carpenters. Mrs. Rorabaugh is skilled in the use of hammer, saw, plane and square, and boasts that she can drive a nail as well as any egotistical man.

## A "Baby" for a Prize

**T**HE board of welfare of Pittsburg has asked Mayor C. M. Montee to try to obtain from the city commission an increase in its powers which will enable it to censor the advertising of shows as well as the length of the chorus girl's dresses and the purity of the comedian's jokes. The call for the increased power was precipitated by a magician advertising that he would give away "a real, live baby," specifying that it would not be a "dog, chicken, rabbit or other animal." For days the members of the board of public welfare were kept busy answering their telephones and listening to criticism because they did not do something to prevent such an outrage on civilization.

A lot of kindly folk got genuinely wrought up. They believed in being kind to babies but stern with welfare board members. The tension eased a bit when the magician consummated his "outrage on civilization." It was a live baby he gave away, but it was a baby duck. But this did not entirely heal the sore ear drums and hearts of the welfare board members. Now they are asking for an ordinance that will permit them to censor theater advertising as well as performances. The city attorney has not yet indicated how far he thinks Pittsburg can go in pioneering in this field of municipal legislation.

## Extra! Beavers in Sedgwick!

**B**EAVERS have built a dam across the Ninescaw River near the Santa Fe bridge at Clearwater. Dr. T. W. Myers of Wichita discovered the dam recently while hunting coons. J. B. Doze, state game and fish warden, has given instructions to have the property posted, and every protection given to the animals. Trees 6 to 8 inches in diameter have been cut by the beavers and dragged to the dam.

## 18,000 Bushels of Corn

**A**SHELLER is now at work on the 18,000 bushels of corn raised last year by W. H. Burke of Little River.

## Cows Paid J. D. Huegel

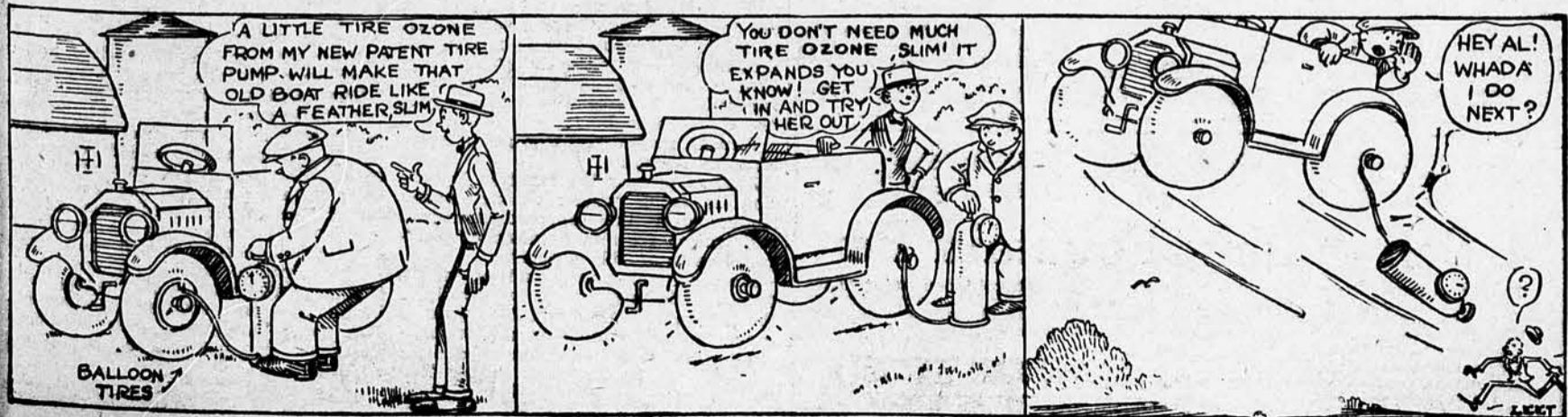
**I**N JANUARY J. D. Huegel of Wellington sold 1260 pounds of butter from seven cows, and in addition had a considerable income from butter-milk and cottage cheese.

## He Heard New Zealand!

**A**LVIN UNRUH of Newton, operator of the local amateur radio station 9-BIO, recently picked up the station of Ivan O'Meara of Gisborne, New Zealand, 8,000 miles away, which was broadcasting on 90 meters.

## At Wichita February 26

**T**HE Kansas Live Stock Association will meet February 26 and 27 at Wichita.



# Ask for them by name Smash Reactionary Program



for—

- gas engine ignition
- tractor ignition
- firing blasts
- motor boat ignition
- telephone and telegraph
- doorbells
- buzzers
- heat regulators
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- electric clocks
- calling Pullman porters
- lighting tents and outbuildings
- running toys
- radio "A"

Columbia Eveready Hot Shot Batteries contain 4, 5 or 6 cells in a neat, waterproof steel case.

Don't just ask for "a dry cell." Ask for Columbia Eveready Dry Batteries by name and get 100% battery efficiency. Columbia Eveready Dry Batteries are sold by implement dealers, electrical, hardware and auto accessory shops, marine supply dealers, radio dealers, garages and general stores. Columbia Eveready Ignitors can be purchased equipped with Fahnestock spring clip binding posts at no extra cost to you.

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Specify "Columbia Eveready Dry Cells," and you'll be sure of all the extra hours of electricity that we have learned to put into batteries since the first dry cells were made.

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## Lighter Draft Better Seed Bed Fewer Horses

Don't plan your spring planting until you get our circular about this wonderful 2-Row Lister built for this western country by Prof. L. W. Chase, for 16 years head of the Department of Agricultural Engineering of the University of Nebraska. Great success for four years. It leaves the soil in wonderful condition for cultivation and gets the greatest possible use of all moisture in the soil. Does not scatter weed seed in the bottom of the trench. A boy can operate it. Works perfectly on side hill. One farmer wrote after trying the Chase: "It certainly does nice work, is very simple in construction and is built strong enough to stand the strain. It comes nearer my ideal of a 2-row lister than anything I ever saw."

Large packer wheels insure corn setting a good start



**CHASE**  
**Two-Row LISTER**

Let us tell you more about it. Just ask for lister circular.  
**CHASE PLOW COMPANY, 710 West P St., Lincoln, Nebr.**

## A Self-Filling Fountain Pen

Here is a self-filling Fountain Pen with a 14-karat gold pen point that is just the thing for every day use. It is guaranteed by the manufacturer in the strongest kind of way. It has a hard rubber barrel, fully cased, and with proper care should last for years. Only one action needed for filling. It is a pen you will be proud to own.

**BIG REWARD OFFER**—A Self-Filling Fountain Pen will be given FREE for a club of four one-year subscriptions to Capper's Farmer at 25c each, or three two-year at 50c each—just a \$1.00 club. **CAPPER'S FARMER, TOPEKA, KANSAS**

## Kansas House Members Kick Leaders in Slats and Refuse to Turn Backward

BY CLIF STRATTON

THE backbone of the reactionary program that certain leaders were trying to put thru the 1925 Kansas legislature was broken a week ago, when the house flatly refused to have anything to do with the Benson primary-convention bill. The measure would have substituted the convention system of nominations for the primary system, altho leaving the governor, congressmen and county officers on the primary list for at least another two years.

Its demise was an unusual sight in Kansas legislative history. Not a speech was made against the measure. Half a dozen were made for it. Members of the house sat in brooding silence for two hours while proponents of the convention plan waded thru and made talks for 18 sections of the bill. The 18th section provided for county conventions to elect delegates to the state convention. At that point the house arose, almost en masse, and insisted that the bill be killed. Sharp parliamentary practice saved the bill from immediate execution, but it has since been returned to the committee on elections, with instructions that it is to be allowed to die in committee.

### Guaranty Act Safe

There will be little, if any, change in the bank guaranty law. Banking committees in both branches of the legislature say that the guaranty act will not be crippled. An advisory board, with certain very limited powers over the bank commissioner in administering the bank guaranty act, is a strong possibility. That will be about all.

A bill to repeal the movie censorship law has been killed in the house committee. The big producers all want the censorship law killed. The local exhibitors are divided, many of them preferring the censor board to protect them against the commercial prostitution of the movies by some few producers.

Kansas probably keeps the movie censorship law.

A big fight is being staged in the legislature as this is written over the bill to repeal the anti-cigarette law. The W. C. T. U. is swinging a big club, "My 10,000 votes," as Mrs. Lillian Mitchner defines the organization of which she is president, to keep the anti-cigarette law on the statute books. The issue probably will be decided before this is printed. Legislators and their proclivities for cold feet are too uncertain to allow a prediction.

Kansas may keep the anti-cigarette law.

### Highways to People

It looks now as if the voters will get a chance to register their desires on a state highway system. Some sort of a constitutional amendment may be proposed, authorizing the state to construct and maintain state highways connecting county seat towns, state expenditures to be limited to funds raised by a gasoline tax of not to exceed 2 cents a gallon and a percentage of the motor car registration fees. Under the present constitution the state cannot engage in internal improvements.

Advocates of a state highway system, and these are growing as the number of motor car owners increases, point out that Kansas will lose federal aid for roads unless some such action is taken. The outcome is not at all certain as yet, but barring an overturn it does look as if the legislature will submit an amendment to the people along these lines.

Kansas may ultimately get a state highway system.

Just at present the taxation legislation is being waged among money lenders over the proposed mortgage registration fee and taxation of mortgages as intangible property.

Mortgage companies handling money from the Eastern centers want to keep the present arrangement. The general property tax on mortgages is so high that Kansas money cannot be lent, honestly, on Kansas farm lands. The outside money lenders, thru Kansas agencies, have a monopoly of the field.

From the viewpoint of those who lend money, a mortgage registration fee alone would put the foreign money lender and the Kansan with money to invest in mortgages on the same footing. A small additional tax on mortgages as intangible property would discriminate only slightly in favor of the outside money lender. Very much of an additional tax as an intangible property would give the outsider the advantage again, as the outside holders would not pay the tax, but the local mortgage holder would, and he would be registered thru the registration fee as owning the mortgage.

Kansas is likely to get a mortgage registration fee, possibly 15 cents on the \$1,000, barely possibly 25 cents. The tax on intangibles still is in the making, and not very far along.

There is very little opposition apparent to the separate non-pay board of regents for the state schools, altho there is not so much enthusiasm running around loose for the plan as there was while Governor Davis was waving the scalp of Chancellor E. H. Lindley before the public. But the bill probably will pass, and then the governor will select nine high class business men to serve the state a month a year without pay, and hope that there will not be a preponderance of members in favor of any one of the institutions over the others.

### Dodge City School—Maybe

Something will have to happen in the senate if the Dodge City state school goes thru at this session. The house is lined up for the new school in Southwest Kansas, but so far its supporters have found an apparent stone wall of opposition in the senate. But much can happen in the closing three weeks of a legislature, and the new school is not an impossibility.

Steps are being taken, by limiting the introduction of bills to committees and to those calling for appropriations, to bring the present session to a close about March 15. Governor Paulen's friends are making a last concerted effort to have his legislative program enacted into law before adjournment.

So far the governor hasn't fared especially well. But in the closing days of the session his personal popularity, and the fact that most of his recommendations are regarded as safe and sane, may help get part of his program thru.

### Up Go Price Levels

The general price level is now inclined to rise. Urban industry is increasing its activity. There still seems to be life in the building boom, and the railroads are continuing heavy buyers of materials. While this gives little promise of reduction in the prices of manufactured articles which farmers buy, it may offer some reassurance as to the market for farm products.

The surface developments which attract most present attention are in the grain markets. Wheat prices are doing what disregarded prophets said they would do. Just as a world surplus is a load that producers stagger under, so an actual world-wide shortage puts a stupendous pressure back of demand. Corn prices are the product of a similar situation, only it is domestic rather than world-wide. In neither case are present prices much index to conditions next fall.

The region now undergoing the most basic readjustment in production is the corn belt. A corn crop short by half a billion bushels and a reduction in last year's total pig crop of 19 per cent, with around 20 per cent still fewer sows to farrow this spring than last spring, make up an exceedingly drastic combination. It will show some decided effects before another year. The general tendency this spring will be to raise more corn and fewer pigs. But some far-sighted men who are favorably situated will be doing the opposite.

Rotation of crops will boost yields.

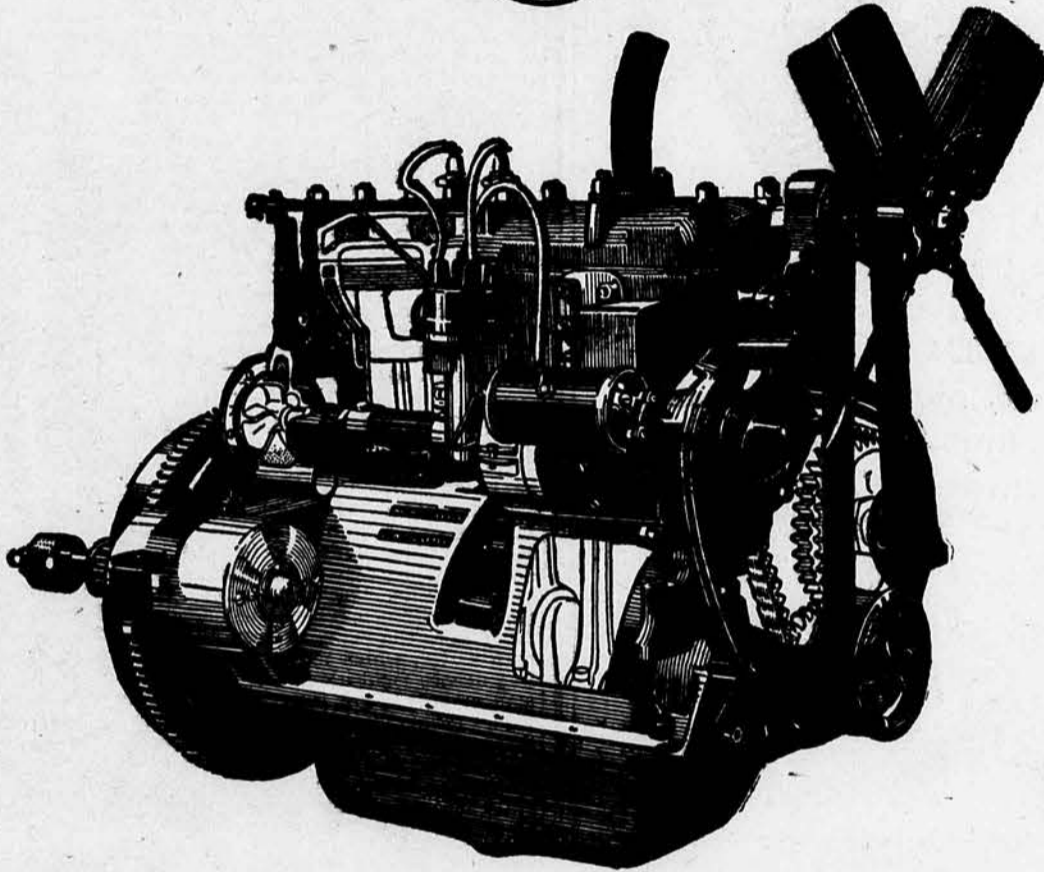
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DURANT MOTORS INC

*Low-cost Transportation*

**Star**  **Cars**



**The Million Dollar Motor of the Car for the Millions**

More than a million dollars' worth of special machinery, tools and equipment is used exclusively in the production of the new Star Motor—the *highest grade motor in a low-priced car.*

No motor car is any better than its motor, therefore supremacy in motor quality insures superior satisfaction to owners.

To appreciate fully the numerous points of superiority of this motor it must be seen and operated in a Star Car.

Ask the nearest Star Dealer to show you the Star Car and demonstrate it. Check the following features of the new Star Motor against all other motors, either in the low or high-priced fields; then you will realize the Star Motor's exceptional value. Ride behind it and your anticipations of unusual efficiency will be more than met.

**Outstanding Points of Star Superiority**

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|------------------------|--------------------------|------------------------------|---|
| Honed Cylinders        | Bronze Bushed Rods       | Double Adjustment Carburetor | Hot Spot Manifold                       |
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**STAR CAR PRICES—f. o. b. Lansing, Mich.**

Touring \$540 Roadster \$540 Coupe \$715 2-door Sedan \$750 4-door Sedan \$820 Commercial Chassis \$445

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THE CAR FOR THE MILLIONS

THE MILLION DOLLAR MOTOR

## Good Horses Sold Up to \$160

Prices at the Sales in Coffey County Indicate Farming is "Coming Back"

BY HARLEY HATCH

I ATTENDED a public sale of farm property this week. The day was one of the best, and if anyone stayed at home I didn't miss them. A large amount of property was sold, and with few exceptions it all brought good prices. "A good sale" was the verdict of all who attended. One thing which was not wanted was rough feed; corn fodder which had been husked brought 10 cents a shock, while kafir butts sold for 5 cents a shock. A large amount of wood had been cut on shares, and the farm share of 20 cords brought but \$20, or \$1 a cord. This wood was still in pole lengths, and the man who bought it had to pay for sawing his half. Even at that, it was cheap fuel for it was all oak, walnut and ash wood. Good dairy cows brought from \$40 to \$50; dairying is not yet recovering from a bad case of chills and fever; these same cows would have sold at \$70 a year ago. Horses were in keen demand, and good farm animals from 6 to 8 years old brought from \$120 to \$160 apiece. This is a gain of \$50 a head since last fall.

county now but has always held to this variety of corn, and the ear he sent proves that it has been kept unmixed. Most farmers who have written me agree that we should, in this part of Kansas, raise a medium type of corn, one that in an average season is getting pretty well out of danger of drouth by the first week in August. In a year like 1924 one may be sorry he did not grow a larger variety, but in four years out of five the medium early varieties yield more corn of a better quality.

### He'll Try Golden Beauty

A friend writes about corn from Spring Hill, which is but a few miles from the Missouri line. He says that last year he raised a yellow corn called Golden Beauty, which I mentioned a short time ago. He also had a field of Commercial White. Both varieties made 50 bushels an acre. Our friend says he will plant Golden Beauty exclusively this season because he prefers yellow corn to feed. He has not found Reid's Yellow Dent to be as good a yielder as the white varieties. He also has given Pride of Saline a trial, and found it yielding about the same as a local variety of white corn, but so much harder to husk that he discarded it. That is one drawback which I have found the white varieties possess; they husk so much harder than yellow corn that one can gather 30 bushels of yellow corn as quickly and as easily as 20 bushels of some of the white varieties. But we need a corn that can contend with hardship; if we can get the corn raised we can get it husked, even if we have to break the ear out over our knees.

### Oats Sowing Just Ahead

With the exception of a few remnants of drifts the snow is all gone, the sun shines clear and warm and farmers are beginning to talk of oats sowing. The roads are in good condition in most places, but almost every road has its bad spot, where snow piled in off some meadow or plowed field. Here the ruts are deep and filled with water, which means they are getting deeper right along. With the common make of light cars "a stick in the mud" means nothing more than that those riding must get out and push; when a big car gets into such a place it usually remains there until a team pulls it out. Grain hauling has been at a standstill for several days; the roads have been too spongy for a load. Little or no wheat is left on the farms here, and the corn is fast leaving, but there is enough left so corn will be moving until next summer. No one expects to hold corn over to await the outcome of the 1925 crop; when corn brings more than \$1 a bushel it is time to sell and let the next crop take care of itself.

### And Then the Drill

We plowed 35 acres last fall. This land is drying fast, and if our present weather continues I think one could get on that field and sow oats before long. The cornstalk ground is yet very wet, and we must have nearly a week of good weather before it will do to disk. But our plans are made to plant this fall plowed land in corn, and to sow our oats on stalk ground. Should we sow oats on the plowing the crop will get a good start and make a much better show at first, and it might even make a better crop in the end should we have a wet June. But as a rule I believe it best to sow oats on the stalk fields, especially in a dry season. To fit this stalk ground for oats we will first cut the stalks with a cutter; a disk will cut them fairly well but not nearly so good as a regular stalk cutter. When the stalks are cut we will disk the field until it is in good condition; one double disking may do; if not we will give it two double diskings, using the tractor and the tandem disk. Then it will be given one lap with the harrow, and it will be ready for the drill.

### Kanota is Popular Now

Unless the early season should be very favorable the oats acreage here will be smaller than usual. I presume a car of Southern seed will be brought in; there usually is. This imported seed will likely all be Texas Red, and that variety will provide most of the seed for the Coffey county acreage. But there is enough of the new variety—Kanota—now held by farmers here to supply the local demand, which probably will be good provided the seed is not held at too high a price. Kanota oats have in the last two years proved superior to the Texas Red; Kanota is earlier by a week, and the yield has been from 5 to 10 bushels more an acre. Two seasons are likely to provide a pretty good test, but yet it is not a conclusive one. If Kanota again proves superior in 1925 we can all feel pretty certain that it is time to discard the old standby—Texas Red. Until one more test is made we shall raise Texas Red, largely because we already have clean heavy seed of that variety of our own raising.

### Profits and Prophecies

Uncle Sam closed his trade balance sheet for 1924 with about 1 billion dollars on the right side of the ledger. It will be recalled that during the last campaign the third party speakers and the free trade Democrats predicted universal disaster as a result of the existing tariff law. They announced from that stump that our exports would dwindle to naught but the Department of Commerce states that the exports reached the amazing total of \$4,590,146,873, while the imports amounted to \$3,610,552,566.

### Took a Trip to Lebo

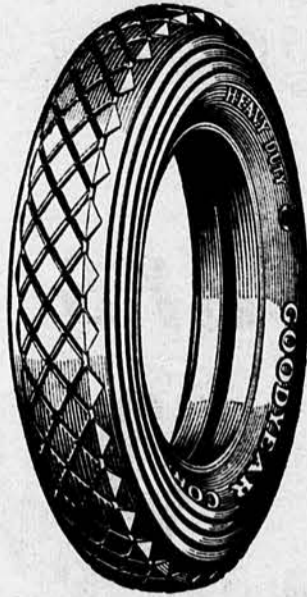
My mention of the Coal Creek corn some weeks ago has brought me many letters, and some folks have sent me ears to identify, thinking they were Coal Creek from the description I gave. One ear was of the genuine Coal Creek type; the farmer who sent it said that a number of years ago while living in Osage county he had a poor crop of corn. Hearing that there was some good corn in Coffey county he took a wagon and went to Lebo, where he found good corn growing in the Coal Creek territory. He took a wagon load of the corn home, and has raised it ever since. This farmer lives in Allen

The export total for 1923 was \$4,167,493,080, and imports for that year were valued at \$3,792,065,963. So it will be seen that imports have decreased while our exports have gained in value. Our largest foreign purchaser last year was Great Britain, which took \$982,034,500, while imports from that country amounted to only \$336,476,902. Our exports to Germany were valued at \$440,537,797, and imports totaled \$139,257,900. France took \$281,663,972, while we imported from that country \$147,636,972.

Goodyear HEAVY DUTY Cord Tires, for passenger cars, buses and trucks, are available from Goodyear Dealers in the following sizes:

30 x 3½ (CL.)	34 x 4½ (S.S.)
32 x 4 (S.S.)	30 x 5 "
33 x 4 "	33 x 5 "
32 x 4½ "	34 x 5 "
	35 x 5 (S.S.)

For those who desire balloon tires Goodyear makes a complete line, including the HEAVY DUTY type in certain sizes.



Here's a whale of a tire for rough roads and hard driving—the new Goodyear HEAVY DUTY Cord Tire. Thicker, tougher, more massive all through. The stout sidewalls reinforced against rut-wear. The powerful carcass made of SUPERTWIST. A good many motorists need this HEAVY DUTY Goodyear. How about you?

Goodyear Means Good Wear

# GOOD YEAR

Copyright 1925, by The Goodyear Tire & Rubber Co., Inc.

Buy Direct From the Manufacturer

## Tiger Brand Linseed Oil Meal

(Old Process)

The standard of quality for thirty-five years.

The cheapest source of protein.

No ration complete without it.

Especially necessary at this season of the year.

Manufactured exclusively by us.

Wire or write us for delivered prices.

**The Fredonia Linseed Oil Works Co.**  
Fredonia, Kansas

Mills at Fredonia, Kansas, and St. Louis, Missouri.

BETTER THAN EVER

## Twenty-Fourth Annual Power Farm Equipment and Accessory Show

Of Kansas, Oklahoma and Texas

Wichita, Kan., February 24, 25, 26, 27

Come and see the latest improved Farm Power Equipment and Accessory Exhibits that will put on exhibition at the different Companies' warehouses and places of exhibit.

Mr. Farmer, Thresherman and those interested: It will be of interest to you to take time and come.

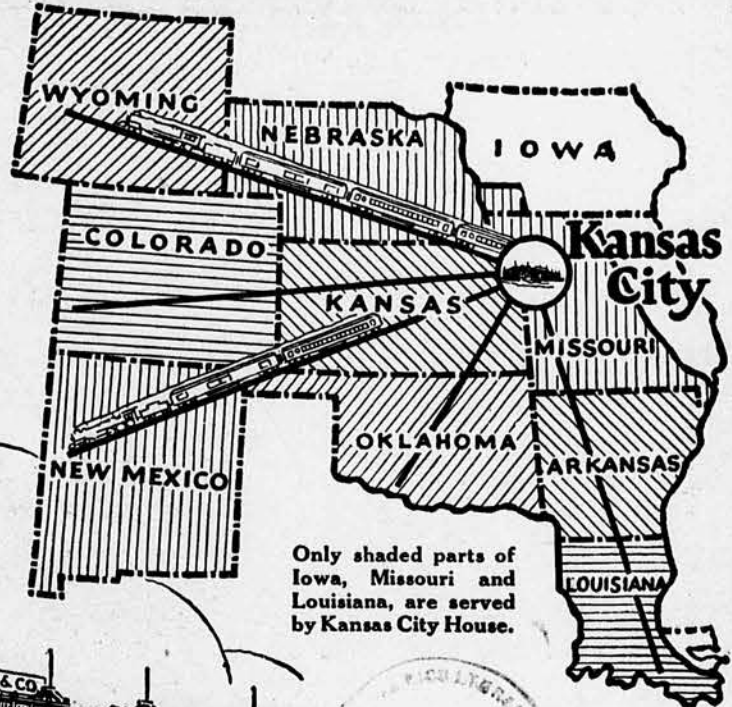
Eighth Annual Power Farm Equipment and Accessory Parade will be held, Wednesday, February 25.

Free Athletic Show, Thursday evening, February 26 for farmers and out of town visitors. Admittance by ticket only.

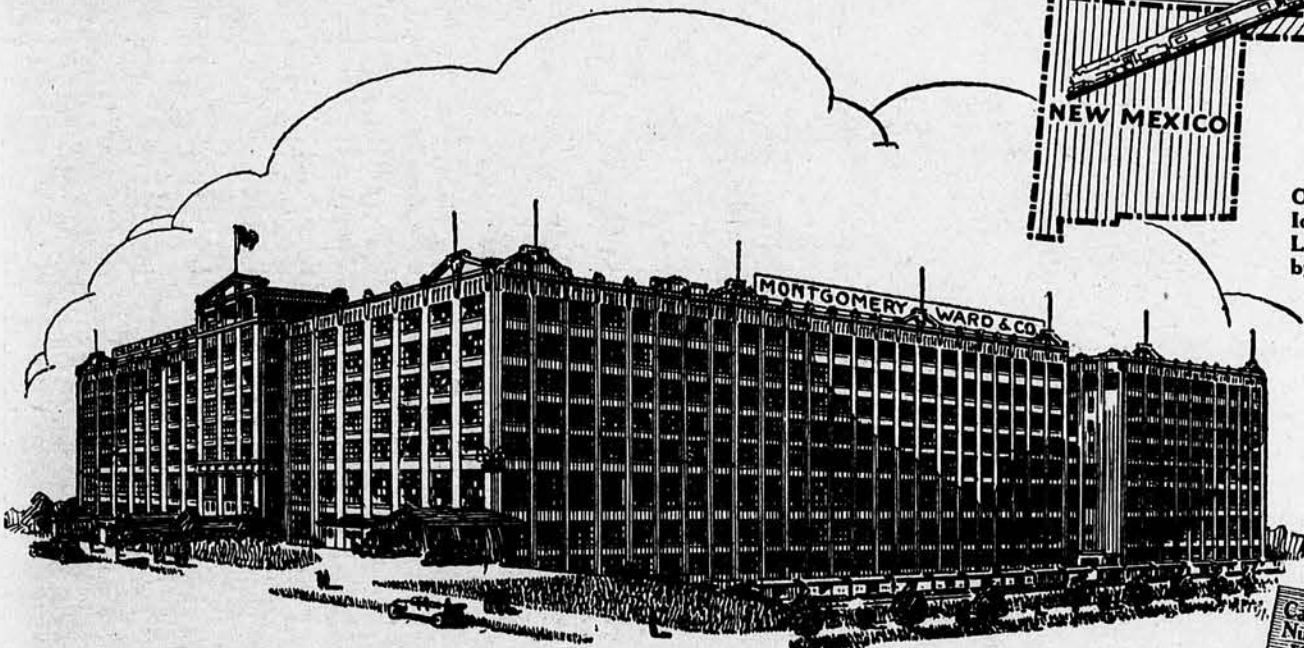
Reduced rates applied for on all railroads. Purchaser must get certificate when buying ticket.

**THE WICHITA THRESHER & TRACTOR CLUB**  
(Incorporated)

This map shows the territory served by our Kansas City House. Vast stocks of merchandise are here, within a few hours of your home, all ready for immediate shipment to you.



Only shaded parts of Iowa, Missouri and Louisiana, are served by Kansas City House.



# This Big Kansas City House is near to You

AT Kansas City vast stocks of new merchandise are ready for immediate shipment to you.

Your letter goes to Kansas City quickly, your goods reach you quickly—and you have less freight to pay.

## The Vast Buying Power of Our Six Big Houses

This big Kansas City house is one of six big houses that together constitute Montgomery Ward & Co. We started our Kansas City headquarters twenty-two years ago and our business has grown year by year until this year we are building an addition that will increase our floor space to thirty-three acres.

It is not in any way a branch house. It is one of our six houses located advantageously in six different cities. It is filled with new merchandise and is within a few hours of your home.

Together these six big houses have a vast buying power. Sixty million dollars' worth of new merchandise was bought for this Catalogue. Bought for cash in the largest quantities to get the lowest prices. And at Ward's the advantage of our big buying goes to you. At Ward's these savings are all passed along to you.

### "Ward Quality" Means Reliability

Montgomery Ward & Co. will save you money on dependable, reliable merchandise. We sell no other kind.

At Ward's we offer no "price baits." We do not sell "cheap" unsatisfactory goods at any price. "We never sacrifice quality to make a low price." That is the reason why hundreds of thousands of new customers start buying from Ward's each year.

## Send for This Catalogue

One copy is yours free. Start taking advantage of the saving in time and money by dealing with Ward's Kansas City House.

## Everything for the Home, the Family and the Farm

**Every Woman**, young and old, will find this Catalogue of great interest if she uses it. Have you studied carefully the big department of shoes for every member of the family? Have you studied its New York fashions? Do you realize that this book offers nearly everything you buy to use or wear and that always there is a big saving?

**Every Man** will find all his needs supplied at a Big Saving. Everything a man or boy wears or uses around the home and the farm, at money saving prices.

**The Home** has been our especial study. We try to offer the new things, household inventions, new designs in rugs or curtains, the best in furniture—everything that goes to make the delightful home. And our low prices often make possible the purchase of many more things than otherwise could be bought.



## Send for this free Catalogue

Our big Kansas City house was built to be near to you. It was built for your convenience. Why not take advantage of this opportunity to save time, to save money and to save transportation charges. Send for your free copy of Ward's Catalogue. Start sending all your orders to Montgomery Ward & Co.—at Kansas City.

TO MONTGOMERY WARD & CO.  
Dept. 40-K  
Kansas City, Mo.

Please mail me my free copy of Montgomery Ward's complete Spring and Summer Catalogue.

Name.....  
Street or R. F. D.....  
P. O.....  
State.....

# ESTABLISHED 1872 Montgomery Ward & Co.

The Oldest Mail Order House is Today the Most Progressive

# SAVE \$280

Buy NOW Direct From Factory  
Our Famous Model H U  
1250 Watt Capacity

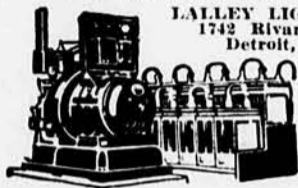
## LALLEY-LIGHT and POWER PLANT

A complete gasoline engine, generator, switchboard and WILLARD battery unit. Proved by 15 years service. Formerly sold for \$625—now, if you act promptly, direct from the factory for only \$345. Easy to install. Approved by National Board of Fire Underwriters.

This big 1250 watt Lalley for only \$345—smaller Lalley plants at much lower prices.

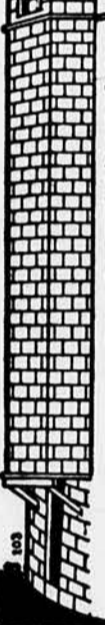
Write for free literature on this and prices on smaller plants. ACT AT ONCE as price advance may be necessary any day.

LALLEY LIGHT CORP.,  
1742 Rivard Street,  
Detroit, Mich.



Ample electric light and power for Farms, Country homes, Cottages, Camps, Yachts, etc.

## Own a DICKEY Glazed Hollow TILE SILO



KNOW the money-saving advantages of better, more economical feeding. Build a Dickey Glazed Hollow Tile Silo. Have better silage and reduce feeding costs. Once erected, Dickey Silos are up to stay and pay you profit. Scientifically designed and reinforced every 12 inches in height with heavy steel rods. Never wobble, collapse or blow down. No plastering or repair expense.

Salt Glazed Dickey Silo Blocks are far superior to any known silo material. Acid resisting and moisture proof. Will not swell, shrink, crumble or crack.

Thousands of Dickey Silos in use. We will send list of owners. Ask their opinions.

### Send For FREE CATALOG

Send now for further particulars, low factory prices and Catalog No. 20. A postcard will do. Write today.  
W. S. DICKEY  
CLAY MFG. COMPANY  
Kansas City, Mo.  
Established 1895

## Look for This Tag **ELECTRIC** On Steel Wheels

It is Your Guarantee of Quality

Our Catalog illustrated in colors describes



**FARM WAGONS**  
With high or low wheels, either steel or wood, wide or narrow tires.

Also Steel Wheels to fit any running gear. Make your old wagon good as new, also easy to load—save repair bills.

Be sure and write for catalog today.  
Electric Wheel Co., 30 Elm St., Quincy, Ill.

## for a 5-Tube Radio

Without Accessories  
Saves you half on a radio set, through Galloway's low prices and selling direct from factory to you.



Music, News, Market Reports  
Every home can now have the entertainment of a good radio that will bring in millions from coast to coast.

Unparalleled for distance volume, clarity, ease and tone. It is so simple to operate that a year old can tune in any station wanted.

Buy direct from Galloway's factories under Galloway's guarantee, and at Galloway's bargain prices and easy terms.

Galloway's Salsidyne Floor Cabinet Radio Set  
Complete with all accessories—ready to put up and tune in on the world's finest entertainment. All for \$129.50.

Complete instructions for setting up and operating sent with your Galloway Radio. Write today for complete information on Galloway's Radio Sets.  
THE GALLOWAY CO.  
Dept. 42  
Waterloo, Iowa

\$169.50

# Father is 80 and Mother 76

## Would a Will be of Any Help in Dividing This Estate Worth \$40,000?

BY TOM McNEAL

My father is 80 years old and mother 76. Father is failing in health and has spoken of making a will, but mother does not think it necessary. We children, all of age and at home, wish father to make a will. The estate is worth \$40,000. What advantage is there in making a will, and what are the disadvantages? Do lawyers have an established fee for making a will? How soon can an estate be settled where there is a will made, and how soon where there is no will? All of the estate is in Kansas. There are no debts.

If the property is all to go to the children at your mother's death I can see no special advantage in making a will. If your father should die before your mother without making a will the estate under the general law would be divided, half of it to your mother and the other half to the children, or if any of the children are dead their share would go to the descendants, if any. Then at the death of your mother her share of the estate would be divided among the children or their descendants.

There is no fixed fee for making a will. A lawyer would be apt to make a charge in proportion to the property involved. Property distributed under the will would be according to the terms. Property divided under the general law without a will may not be fully settled and divided for two years, altho there is a bill now pending in the legislature to reduce the time of final settlement of estates to one year where there is no cause for dispute.

Under our present law if all of the heirs agree the estate might be settled and distributed at any time, but if the administrator insists on his rights he cannot be compelled to make final settlement for two years. Under the general law if your mother survives your father she will be entitled to occupy the homestead.

### Foreclosure of a Mortgage

1—My farm is mortgaged, and the interest is past due. How long can I hold it without paying? 2—If the farm is sold at mortgage foreclosure and brings more than the mortgage would I get the balance? 3—If it fails to bring as much as the mortgage could the mortgage company get judgment against me? A. L. W.

1—The mortgage company is entitled to bring foreclosure proceedings. It is impossible to say how much delay there will be in getting judgment. After judgment is obtained and the land is sold under the decree of foreclosure you would have 18 months to redeem it unless the mortgage was given to secure part of the purchase price. In that case unless one-third of the mortgage has been paid the time of redemption would be six months. 2 and 3—Yes.

### Must the Wife Pay?

If A is sued for debt will his wife become responsible in case judgment is obtained against him? She owns all of the property, both real and personal. A.

Unless she was responsible for the making of the debt or unless the debt was for household supplies or otherwise for the benefit of the wife she would not be.

### Write to Forest Service

What are the requirements of a forest ranger? Can the examination be taken in any other state than those in which there are forest reserves? Who appoints the forest rangers? A. D.

For full information in regard to the civil service requirements write to the Forest Service, United States Department of Agriculture, Washington, D. C.

### What About the Child?

A and B corresponded when they were children. Both grew up and were married. A had one child, a boy and wanted a girl. B had two children, a boy and a girl. B and her husband separated, and B was going to send her children to an orphan's home. A wanted her to bring the girl to her home, and told her she would keep her for at least a while, perhaps always. B came, bringing both her children. A kept them a while. B went to work, and after a while B took the boy and sent him to his father's mother, leaving the girl with A. B is supposed to be married again, but will not come and get the girl. A decided she could not keep the girl, and told B so. Could A have the sheriff get this mother and make her take

her child, or can A have the state attorneys take this child to a home? A is in poor financial circumstances and must find a home for this child. Could she allow the child to be adopted? J. C.

The mother of this child can be compelled to take care of it. It is a crime under our law for her to abandon her child. A is under no obligation legally to support this child. She should report to the probate court so the child may be provided for by the proper authorities.

A has no authority to have this child adopted, as she has herself no legal standing as to its custody. If the child is abandoned the probate judge might arrange to have it placed in a state orphan asylum or taken care of in some other way.

### Not on Your Land

I am informed that I do not dare to shoot a rabbit on my farm without a hunting license—that I am liable to a fine if I do. Must I let these pests kill my trees and even come in the lot and eat my chicken feed? S.

That section of the statute which provides for the issuing of a hunting license has this exception: "The provisions of this section shall not be construed to affect the right of any individual resident landowner of any land or member of his family to hunt, shoot or trap on his own premises."

So long as you do not go off your own land you have a right to shoot the rabbits.

### Has Ground for Divorce?

A and B married under an assumed name. After about a year and a half A, the husband, disappeared. This was five years ago, and he has not supported his family since. What court process would B have to go thru to set aside this marriage? I.

She has ample ground for an action for divorce against her husband, setting out his real name and also his assumed name as well as her own.

### Names of Sugar Makers

I would like to have the address of some one who can furnish me with the names of reliable sugar makers in Vermont. H. G. D.

Write to C. B. Merriam, Topeka; George H. Whitecomb, Topeka; R. G. Blazo, Topeka and Harley Hatch, Gridley.

### Teachers Make a School

The Kansas Teachers' Association and Superintendent Miley have had to fight hard in the legislature for the bill to mitigate to some extent the evils of the chaotic teachers' certificate law in this state, and find their strongest opposition in the smaller counties, whose representatives stand out for third-grade certificates.

The question might well be asked how the rural schools are going to be improved, as their friends desire, if there is such opposition to a very mild improvement in the certificate standard. The people of rural communities feel justly that they are entitled to better schools, or to schools as good in teaching quality, at least, if not in all the frills, as the cities. Yet their representatives in the legislature balk at every effort of the teachers' association and of the state superintendent to give them better teachers.

It is teachers who make schools, good or inferior. It is not text books and buildings but teachers who make the difference in schools. A competent, well trained teacher in a ram-shackle school house will turn out a better product than the most luxurious school house with all the modern trimmings, with a teacher who lacks teaching ability and training and knowledge of the subjects taught.

Our certificate law is notoriously weak. The teachers' bill is not an ideal certificate bill, yet so far as it goes it looks toward better teaching and more competent teachers, particularly in the rural schools. The legislature may refuse to take this forward step, and to that extent it will hamper education in the schools of the state, from the lowest to the highest.



## Buy Fence for the Last time

If the ordinary fence will last 10 years, then "Galvannealed" Square Deal should last 30 years. By a newly patented process we weld 2 to 3 times more zinc into the copper-bearing steel fence wire. Therefore,

### Galvannealed Square Deal Fence

(No Extra Price)  
far outlasts any other farm fence. Get this extra long wear at no extra price. If the fence you buy is marked with a Red Strand you are sure to get long years of extra service.

Get these Three FREE  
Write today for copies of official tests that prove our claims. Also get our catalog which tells all about: the stiff, picket-like stay wires that require fewer posts and stop sagging; the Square Deal Knot that cannot slip; firm tension, etc.; including Ropp's Calculator, handiest reference book around the farm. All 3 free to all owners.

KEYSTONE STEEL & WIRE CO.  
2148 Industrial St., Peoria, Ill.

## FREE Postpaid!

You will save a lot of money if you get my New Catalog on Fence, Gates, Steel Posts, Barb Wire, Roofing and Paint before you buy. I want you to see

**My New Cut Prices**  
—see how much money you save. Over 850,000 farmers saved nearly one-third last year—I'm offering bigger bargains this season. I pay the freight, too. Get this new Bargain Book NOW!  
THE BROWN FENCE & WIRE CO.  
Dept 2406 Cleveland, Ohio



## Big Fence Sale

164 styles—Hog, Poultry, General Farm and Ornamental Fence and Gates at Wire Mill Prices.  
Best Weight **OTTAWA** Quality Fence  
Fresh from the Loom  
Every foot guaranteed. FREE BOOK of Bargains—write today!  
OTTAWA MFG. CO.  
Box 107-B  
Ottawa, Kansas



## LIGHT and POWER

Better lights and more power at less cost and less trouble. The Cushman is both a light and a power plant. Besides giving you all the electric light you need, it will also operate the pump, wood saw, corn sheller, feed grinder, etc., from the friction clutch pulley.

## CUSHMAN

Price very reasonable and special terms of payment arranged. Send for circular on Light Plants. If interested in prices on engines, ask for Engine Circular.  
Cushman Motor Works (23)  
933 N. 21st St., Lincoln, Nebr.

## ELI HAY PRESSES

COLLINS FLOW CO., QUINCY, ILL.

From Station KSAC

Sunday, February 22, 1925  
Radio Rural Sunday Service

P. M.  
8:00—Piano Voluntary  
8:05—Special Sacred Music  
8:10—Prayer of Affirmation  
8:15—Hymn  
8:20—Practical Talk "Common Folks" Their Importance. Under the Direction of Walter Burr

Monday, February 23, 1925  
Opening Exercises for Rural Schools

A. M.  
9:00—March  
9:02—Music Lesson  
9:07—Music for Singing Exercises  
9:15—Inspirational Talk  
9:20—Callisthenics  
.....Dept. of Physical Education  
Housewives' Program

A. M.  
10:00—"Back Yard Gossip"  
10:05—"All Round the House"  
10:10—"Questions and Answers"  
10:20—"Suggestions for Today's Meals"  
Under Direction of Miss Amy Kelly  
Noon-day Program

P. M.  
12:30—Readings.....Osceola Hall Burr  
Weather Report  
Is Cow Testing Profitable?  
.....A. W. Knott  
Radio Question Box  
Sweet Clover Hay and Seed  
.....L. E. Willoughby  
"College of the Air"

P. M.  
7:20—College Bell and Quartette  
7:30—The Place of the Hog on the Farm  
.....A. D. Weber  
7:40—Radio College Quartette  
7:50—Care and Management of Dairy Sire  
.....R. H. Lush  
8:00-8:30—Program for State-wide Meeting of Crop Improvement Association.

Tuesday, February 24, 1925  
Opening Exercises for Rural Schools

A. M.  
9:00—March  
9:02—Music Lesson  
9:07—Music for Singing Exercises  
9:15—Inspirational Talk  
.....Dept. of Education  
9:20—Callisthenics  
.....Dept. of Physical Education  
Housewives' Program

A. M.  
10:00—"Back Yard Gossip"  
10:05—"All Round the House"  
10:10—"Questions and Answers"  
10:20—"Suggestions for Today's Meals"  
Under Direction of Miss Amy Kelly  
Noon-day Program

A. M.  
12:30—Readings.....Osceola Hall Burr  
Weather Report  
Club Members "Test, Don't Guess"  
.....A. J. Schoth  
Radio Question Box  
Landscaping with Native Materials  
.....C. K. Sheed  
"College of the Air"

P. M.  
7:20—Cultivating Alfalfa.....S. C. Salmon  
7:30—Basket Ball Game K. S. A. C. vs K. U.  
8:00—Care of the Machine During the Hatch.....L. F. Payne  
8:15—Program for State-wide Meetings of Livestock Shipping Associations.

Wednesday, February 25, 1925  
Opening Exercises for Rural Schools

A. M.  
9:00—March  
9:02—Music Lesson  
9:07—Music for Singing Exercises  
9:15—Inspirational Talk  
.....Dept. of Education  
9:20—Callisthenics  
.....Dept. of Physical Education  
Housewives' Program

A. M.  
10:00—"Back Yard Gossip"  
10:05—"All Round the House"  
10:10—"Questions and Answers"  
10:20—"Suggestions for Today's Meals"  
Under Direction of Miss Amy Kelly  
Noon-day Program

P. M.  
12:30—Readings.....Osceola Hall Burr  
Weather Report  
Items to Include in the Nursery Order.....W. R. Martin  
Radio Question Box  
The Bull is Half Your Herd  
.....R. W. Kiser  
"College of the Air"

P. M.  
7:20—College Bell and Music  
7:30—Can We Afford a State Road System  
.....L. E. Conrad  
7:40—Vocal Solo.....Harold Flamm  
7:45—Is Landscape Treatment for Your Home an Investment? A. H. Holder

Thursday, February 26, 1925  
Opening Exercises for Rural Schools

A. M.  
9:00—March  
9:02—Music Lesson  
9:07—Music for Singing Exercises  
9:15—Inspirational Talk  
.....Dept. of Education  
9:20—Callisthenics  
.....Dept. of Physical Education  
Housewives' Program

A. M.  
10:00—"Back Yard Gossip"  
10:05—"All Round the House"  
10:10—"Questions and Answers"  
10:20—"Suggestions for Today's Meals"  
Under Direction of Miss Amy Kelly  
Noon-day Program

P. M.  
12:30—Readings.....Osceola Hall Burr  
Weather Report  
The Chick's First Feed  
.....J. H. McAdams  
Radio Question Box  
Treat Seed Potatoes.....E. A. Stokdyk  
"College of the Air"

P. M.  
7:20—College Bell and Music  
7:30—Improving Your Work Shop  
.....Amy Kelly  
7:40—Music Under Direction of Mrs. G. W. Salisbury  
7:50—The Cereal Family  
.....Margaret Alhborn  
8:00-9:00—"All Nationality's Songs and Stories. Music under Direction of Prof. P. P. Brainard  
Stories by Dr. H. T. Hill

Friday, February 27, 1925  
Opening Exercises for Rural Schools

A. M.  
9:00—March  
9:02—Music Lesson  
9:07—Music for Singing Exercises  
9:15—Inspirational Talk  
.....Dept. of Education  
9:20—Callisthenics  
.....Dept. of Physical Education  
Housewives' Program

A. M.  
10:00—"Back Yard Gossip"  
10:05—"All Round the House"  
10:10—"Questions and Answers"  
10:20—"Suggestions for Today's Meals"  
Under Direction of Miss Amy Kelly  
Noon-day Program

P. M.  
12:30—Readings.....Osceola Hall Burr  
Weather Report  
Get That Last Gopher Before April 15.....A. E. Oman  
Question Box  
Along the Garden Fence. W. R. Martin  
"College of the Air"

P. M.  
7:20—College Bell and Quartette  
7:30—Insects in Relation to Health  
.....R. C. Smith  
7:40—Radio College Quartette  
7:50—Control of Small Fruit Diseases  
.....R. P. White

Saturday, February 28, 1925  
Noon-day Program

P. M.  
12:30—Questions and Answers pertaining to Radio.  
12:45—Lecture on some phase of radio.

At Wichita Next Tuesday

Wichita expects to present the best power farming show of recent years when the Wichita Tractor and Thresher Club opens its twenty-fourth annual show next Tuesday. It runs from February 24 to 27, with a big free athletic show for visitors Thursday night. There also will be a big parade.

Manufacturers are reporting a decided increase in interest in power machinery, accessories and implements. The Wichita show is always popular with farmers because they do not see show models, but the actual machines operating under their own power. Railroads are making reduced rates for the show.

Go West, Young Woman

Miss Zillah Belle Smith, daughter of Mr. and Mrs. Tom D. Smith of Hiawatha, has just become the bride of E. Floyd Denel, a young business man of Tassell, Wyo. Miss Smith is the seventh Hiawatha girl to go to Wyoming to teach school and become a bride within the school year.

New Truck Scales

THE RENFREW PORTABLE

Moves like a wheelbarrow; no heavy lifting or back-breaking labor lugging things to the scales. Just pick up the handles and wheel the scales to them. Weighs with absolute accuracy from one pound to a ton. Every day you sail "by guess" you are losing money. A RENFREW on your farm will stop your losses and soon pay for itself.



No Money Down

Only \$7.50 After 30 Days'

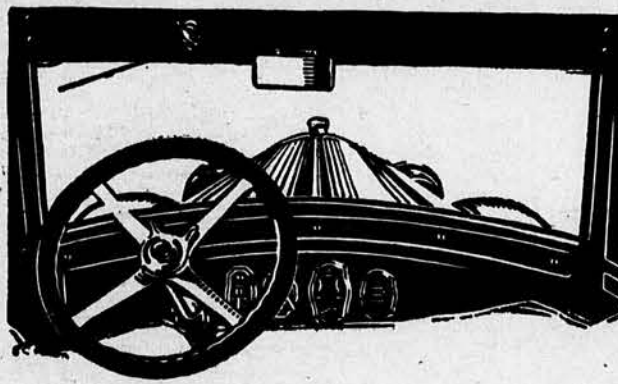
FREE TRIAL

Don't send us a cent. Give the RENFREW a 30 days' Free Trial. Then, if you want to keep it—when it has proved to you how much money you will save, send us only \$7.50 and pay the balance in small monthly payments.

Write for FREE Book. New catalog—just off the press—tells all about this wonderful scale. It is FREE. Ask for it today!  
REASON BROS. Dept. 99-82  
19th St. & Marshall Blvd. Chicago, Ill.

KITSELMAN FENCE

"You saved me \$10," says S. C. Gilbert, R. 3, Emporia, Kans. You, too, can save. We pay the freight. Write for Free Catalog of Farm, Poultry, Lawn Fence.  
KITSELMAN BROS. Dept. 61 MUNCIE, INDIANA



Today, more than 350,000 drivers are looking over this hood and enjoying the safety of Buick four-wheel brakes

BUICK MOTOR CO., FLINT, MICH.

Division of General Motors Corporation

Branches in All Principal Cities—  
Dealers Everywhere

Pioneer Builders of  
Valve-in-Head Motor Cars

Canadian Factory: McLAUGHLIN-BUICK, Oshawa, Ont.



WHEN BETTER AUTOMOBILES ARE BUILT  
BUICK WILL BUILD THEM

**NEW 1925 Galloway BARGAIN BOOK FREE**

MAKE MORE MONEY IN 1925. Start right by buying right. Galloway's plan of selling direct from factory to farm at Rock Bottom prices SAVES YOU \$10 to \$50 on a new separator, saves you money on a new gas engine, motor, all farm equipment and household necessities. DON'T BUY until you have Galloway's low, money-saving prices given in our **1925 BARGAIN CATALOG**. For 15 years Galloway has served farmers hundreds and thousands of dollars on the best quality farm equipment that money can buy. **YOU'VE GOT TO HAVE IT!** Write to Galloway of Waterloo to-day.

**Galloway's Sanitary Cream Separator**

Leads the world for close skimming, easy running, economical operation, durability. SAVES enough more cream than others to pay for itself. Write satisfied users. The low speed bowl with all discs entirely separate and self-centering neck bearing eliminating all vibrations means the Galloway separator unequalled for close skimming and easy cleaning. Patented cut gears, all running in oil bath make the Galloway the lightest running, longest lasting cream separator on the market. Why exportment or waste cream with an old, worn-out separator when you can buy a new Galloway for \$4.95 down and let it pay for itself after 30 DAYS' TRIAL.

On your own farm where you can expect it with all others on any basis. If it does not come up to all claims send it back at our expense. If you like it pay for it on easy terms.

**4.95 DOWN** Balance in small monthly payments. In a like fitting you are greater for you.

**Prompt Delivery**

The Greater Galloway Company, machine all the Galloway factories and resources under one head, now is able to give prompt delivery of all orders. Many orders are shipped the same day received. Buy Cream Separator, Spreader, Gas Engine, Farm Equipment, Seed and Nursery Stock from Galloway and SAVE THIS DIFFERENCE.

**The GALLOWAY COMPANY**  
Box 47  
Waterloo Iowa

**LOWEST PRICES HIGHEST QUALITY**

**Mona Motor Oil**

Paraffine Base 100%

**you can't fool your motor!**

It demands efficient lubrication. And—you can't fool your motor. Mona Motor Oil is full bodied! It is a 100% paraffine base oil. It retains those essential lubricating qualities under all motor conditions.

Buy at the following sign and know that you are buying the best.

Monarch Manufacturing Co.  
Council Bluffs, Iowa Toledo, Ohio

**Don't try to fool your motor!**

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# MARCHING SANDS

By Harold Lamb

ROBERT GRAY, formerly a captain in the United States Army, and Prof. Arminius Delabar, a Syrian, were sent by the American Exploration Society to China to find the Wusun tribe, a lost race, on the Plains of Gobi. While on the ship, as it was crossing the Pacific Ocean, Delabar remarked that "the Mohammedan annals of Central Asia have a curious tale."

"Let's have it," said Gray, settling himself comfortably in his chair.

"It was in the sixteenth century," explained Delabar, who seemed to have the myths of Asia at his tongue's end. "A religious legend. A certain holy man, follower of the prophet, was robbed and beaten in a city near where we believe Sungan to be. After his injury by the people of the city—he was a mullah—he climbed into a minaret to call the hour of evening prayer."

Delabar's voice softened as he spoke, sliding into more musical articulation.

"As he cried the hour, this holy man felt something falling like snow on his face. Only it was not snow. The sky and the city darkened. He could not see the roofs of the buildings. He went down and tried the door. It was blocked. Then this man saw that it was sand falling over the city. The sand covered the whole town, leaving only the minaret, which was high. The people who had done him the injury were buried—became white bones under the sand."

"That story figures in the Bible," assented Gray, "only not the same. You don't consider the myth important, do you?"

"You're Not Worried?"

"The priests of Asia do," said the professor seriously. "And I have seen the memoirs of Central Asian kingdoms which mention that treasure was dug for and found in ruins in the sands." He glanced at his companion curiously. "You do not seem to be worried, Captain Gray, at entering the forbidden shrine of the Mongols."

Having been born thereabouts, the idea amused Gray.

"Are you?" Gray laughed. "The Yellow Peril is dead."

"So is Dr. Brent."

"You don't connect the two?"

"I don't attempt to analyze the connection, Captain Gray. Remember in China we are dealing with men who think backward, around-about, and every way except our own. Then there are the priests. All I know is that Dr. Brent entered on forbidden ground, fell sick, and had to leave China. Do you know what he died of?"

"Do you?"

Delabar was silent a moment; then he smiled. "I have imagination—too much, perhaps. But then I have lived behind the threshold of Asia for half my life."

"I suspect it's a good thing for me you have," Gray admitted frankly.

Before they left their chairs that

afternoon a steward brought the officer a message from the wireless cabin. Van Schaick had sent it, before the steamer passed the radio limit. Gray read it, frowned, and turned to Delabar.

"This is rather bad luck, Professor," he said. "McCann, the fellow I counted on, is not coming. He was taken sick with grippe in Los Angeles on his way to Frisco. It looks as if you and I would have to go it alone."

The news of McCann's loss, so important to the officer, Delabar passed over with a shrug. Gray wondered briefly why a man obviously inclined to nervousness should ignore the fact that they were without the services of a trustworthy attendant. Later, he came to realize that the scientist considered that McCann's presence would have been no aid to him, that rifles and men who knew how to use them would play no part in meeting the hostile forces surrounding the territory of the Wusun.

### McCann Was Sick

From that moment he began to watch Delabar. It was clear to him that the professor was uneasy, decidedly so. And that the man was in the grip of a rising excitement.

It manifested itself when the steamer stopped at a Japanese port. Gray would have liked to visit Kyoto, to see again the little brown people of the island kingdom, to get a glimpse of the gray castle of Oksaka, and perhaps of peerless, snow-crowned Fujiyama.

But Delabar insisted on remaining aboard the steamer until they left for China. The nearing gateway of Asia had a powerful effect on him. Gray noticed—as it was unusual in a man of mildly studious habits—that the scientist smoked quantities of strong Russian cigarettes. Indeed, the air of their cabin was heavy with the fumes.

"We must not make ourselves conspicuous," Delabar urged repeatedly.

At Shanghai they passed quickly thru the hands of the customs officials. Their preparations progressed smoothly; the baggage was put on board a waiting Hankow steamer, and Delabar added to their stores a sufficient quantity of provisions to round out their outfit. Despite this, Delabar fidgeted until they were safely in their stateroom on the river steamer, and passing up the broad, brown current of the Yang-tze-kiang—which, by the way, is not called the Yang-tze-kiang by the Chinese.

Gray made no comment on his companion's misgivings. He saw no cause for alarm. There were a dozen other travelers on the river boat, sales agents of three nations, a railroad engineer or two, a family of missionaries, several tourists who stared blandly at the great tidal stretch of the river, and commented loudly on the comforts of the palatial vessel. Evidently they had expected to go up to Hankow in a junk. They pointed out the chocolate colored sails of the passing junks with their half-naked coolies and dirty decks.



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For days the single screw of the Hankow boat churned the muddy waste, and the smoke spread, fanwise, over its wake.

The Yang-tze was not new to Gray. He was glad he was going into the interior. The fecund cities of the coast, with their monotonous, crowded streets, narrow and overhung with painted signs, held no attraction for him.

Not so—as Gray noted—did it affect Delabar. The first meeting with the blue-clad throngs in Shanghai, the first glimpse of the pagoda-temples with their shaven priests had both exhilarated and depressed the scientist.

"Each stage of the journey," he confided to Gray, "drops us back a century in civilization."

"No harm done," grunted the officer, who had determined to put a check on Delabar's active imagination. "As long as we get ahead. That's the deuce of this country. We have to go zig-zag. There's no such thing as a straight line being the shortest distance between two points in the land of the Dragon."

Evil Spirits Everywhere?

Delabar frowned, surprised by these unexpected displays of latent knowledge. Then smiled, waving a thin hand at the yellow current of the river.

"There is a reason for that—as always, in China. Evil spirits, they believe, cannot move out of a straight line. So we find screens put just inside the gates of temples—to ward off the evil influences."

"Look at that," Gray touched the other's arm. A steward stood near them at the stern. No one else was in that part of the deck, and after glancing around cautiously the man dropped over the side some white objects—what they were, Gray could not see. "I heard that some fishermen had been drowned near here a few days ago. That Chink—for all his European dress—is dropping overside portions of bread as food and a peace offering to the spirits of the drowned."

"Yes," nodded Delabar, "the lower orders of Chinamen believe the drowned have power to pull the living after them to death. Centuries of missionary endeavor have not altered their superstitions. And, look—that does not prevent those starved beggars in the junk there from retrieving the bread in the water. Ugh!"

He thrust his hands into his pockets and tramped off up the deck, while

Gray gazed after him curiously, and then turned to watch the junk. The coolies were waving at the steward who was watching them impassively. Seeing Gray, the man hurried about his duties. For a moment the officer hesitated, seeing that the junkmen were staring, not at the bread in their hands, but at the ship. Then he smiled and walked on.

Despite Delabar's misgivings, the journey went smoothly. The banks of the river closed in on them, scattered mud villages appeared in the shore rushes. Half naked boys waved at the "fire junk" from the backs of water buffaloes, and the smoke of Hankow loomed on the horizon. From Hankow, the Peking-Hankow railway took them comfortably to Honanfu, after a two-day stage by cart.

An Invitation to Dine

Here they waited for their luggage to catch up with them, in a fairly clean and modern hotel. They avoided the other Europeans in the city. Gray knew that they were beyond the usual circuit of American tourists, and wished to travel as quietly as possible.

"We're in luck," he observed to Delabar, who had just come in. "In a month, if all goes well, we'll be in Liangchowfu, the 'Western Gate' to the steppe country. What's the matter?"

Delabar held out a long sheet of rice paper with a curious expression.

"An invitation to dine with one of the officials of Honan, Captain Gray—the vice-governor. He asks us to bring our passports."

"Hm," the officer replaced the maps he had been overhauling in their case, and thrust the missive on top of them. He tossed the case into an open valise.

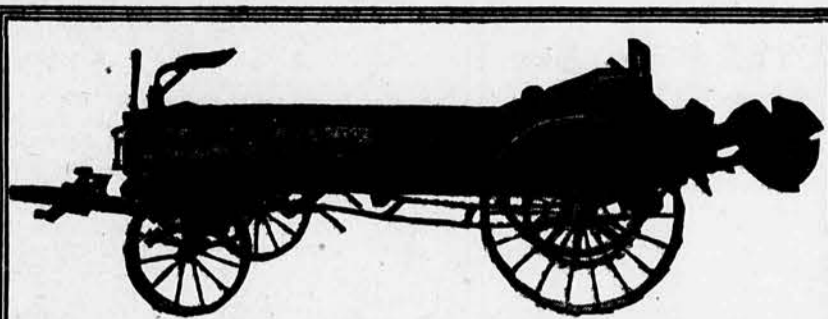
"A sort of polite invitation to show our cards—to explain who we are, eh? Well, let's accept with pleasure. We've got to play the game according to the rules. Nothing queer about this invite. Chinese officials are hospitable enough. All they want is a present or two."

He produced from the valise a clock with chimes and a silver-plated pocket flashlight and scrutinized them mildly.

"This ought to do the trick. We'll put on our best clothes. And remember, I'm a big-game enthusiast."

Delabar was moody that afternoon, and watched Gray's cheerful preparations for the dinner without interest. The army man stowed away their more valuable possessions, carefully hanging the rifle which he had been carrying in its case over his shoulder under the frame of the bed.

"A trick I learned in Mindanao," he explained. "These towns are chuck full of thieves, and this rifle is valuable to me. The oriental second-story man has yet to discover that American



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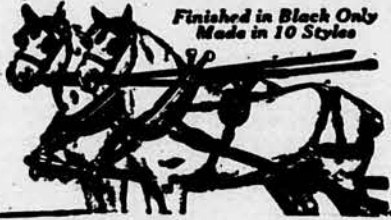
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army men hang their rifles under the frame of their cots. Now for the vice-governor, what's his name? Wu Fang Chien?"

Wu Fang Chien was most affable. He sent two sedan chairs for the Americans and received them at his door with marked politeness, shaking his hands in his wide sleeves agreeably when Delabar introduced Gray. He spoke English better than the professor spoke Chinese, and inquired solicitously after their health and their purpose in visiting his country.

He was a tall mandarin, wearing the usual iron rimmed spectacles, and dressed in his robe of ceremony.

#### "What Do You Expect to Find?"

During the long dinner of the usual thirty courses, Delabar talked with the mandarin, while Gray contented himself with a few customary compliments. But Wu Fang Chien watched Gray steadily, from bland, faded eyes.

"I have not known an American hunter to come so far into China," he observed to the officer. "My humble and insufficient home is honored by the presence of an enthusiast. What game do you expect to find?"

"Stags, antelope, and some of the splendid mountain sheep of Shensi," replied Gray, calmly. Wu Fang Chien's fan paused, at the precision of the answer.

"Then you are going far. Do your passports permit?"

"They give us a free hand. We will follow the game trails."

"As far as Liangchowfu?"

"Perhaps."

"Beyond that is another province." The mandarin tapped his well-kept fingers thoughtfully on the table. "I would not advise you, Captain Gray, to go beyond Liangchowfu. As you know, my unhappy country has transpired a double change of government and the outlaw tribes of the interior have become unruly during the last rebellion." He fumbled only slightly for words.

Gray nodded.

"We are prepared to take some risks."

Wu Fang Chien bowed politely. "It might be dangerous—to go beyond Liangchowfu. Your country and mine are most friendly, Captain Gray. I esteem your welfare as my own. My sorrow would be greater if injury happen to you."

"Your kindness does honor to your heart."

#### An Unlucky American

"I suggest," Wu Fang Chien looked mildly at the uneasy Delabar, "that you have me vise your passports so you may travel safely this side of Liangchowfu. Then I will give you a military escort for protection against any outlaws you meet on the road. In this way I will feel I am doing my full duty to my honored guests."

"The offer is worthy," said Gray, who realized that the sense of duty of a town official was a serious thing, but did not wish an escort, "of one whose hospitality is a pleasure to his guests."

Wu Fang Chien shook hands with himself. "But we have little money to pay an escort—"

"I will attend to that."

"Unfortunately, an escort of soldiers would spoil my chances at big game. We shall pick up some native hunters."

Wu Fang Chien bowed, with a faint flicker of green eyes.

"It shall be as you wish, Captain Gray. But I am distressed at the thought you may suffer harm. The last American who went beyond the Western Gate, died."

Gray frowned. He had not known that one of his countrymen had penetrated so far into the interior.

"Without doubt," pursued the mandarin, stroking his fan gently across his face, "you have a good supply of rifles. I have heard much of these excellent weapons of your country. Would you oblige me showing them to me before you leave Honan?"

"I should be glad to do so," said Gray, "if they were not packed in our luggage which will not be here before we set out. But I have two small presents—"

The gift of the clock and electric light turned the thread of conversation and seemed to satisfy Wu Fang Chien, who bowed them out with the utmost courtesy to the waiting sedan chairs. Then, as the bearers picked up the poles, he drew a small and exquisite vase from under his robe and pressed it upon Gray as a token, he said, to keep fresh the memory of their visit.

At their room in the hotel Gray showed the vase to Delabar. It was a valuable object, of enamel wrought on gold leaves, and inscribed with some Chinese characters.

"What do you make of our worthy Wu Fang—hullo!" he broke off. Delabar had seized the vase and taken off the top.

"It is what the Chinese call a message jar," explained the scientist, feeling within the vase. He removed a slim roll of silk, wound about an ebony stick. On the silk four Chinese characters were delicately painted.

"What do they mean?" asked Gray, looking over his shoulder.

#### Advice For a Wise Guy

The Syrian glanced at him appraisingly, under knitted brows. His companion's face was expressionless save for a slight tinge of curiosity. Delabar judged the soldier knew nothing of written Chinese, which was the truth.

"Anything or nothing, my friend. It reads like a proverb. The oriental soul takes pleasure in maxims. Yet everything they do or say has a meaning—very often a double meaning."

"Such as Wu Fang's table talk," smiled Gray. "Granted. Is this any particular dialect?"

"Written Chinese is much the same everywhere. Just as the Arabic numerals throught Europe." He scanned the silk attentively, and his lips parted. "The first ideograph combines the attribute or adjective 'clever' or 'shrewd' with the indicator 'man.' A shrewd man—hua jen."

"Perhaps Wu Fang: perhaps you. Go on."

"The second character is very ancient, almost a picture-drawing of warning steamers. It is an emphatic 'do not!'"

"Then it's you—and me."

"The third character is prefixed by mu, a tree, and signifies a wooden board, or a wall. The fourth means 'the West.'"

"A riddle, but not so hard to guess," grinned Gray, taking up his maps from the table and filling his pipe preparatory to work. "A wise guy doesn't climb the western wall."

"You forget," pointed out Delabar sharply, "the negative. It is the strongest kind of a warning. 'Do not, if



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you are wise, approach the western wall. My friend, this is a plain warning—even a threat. Today Wu Fang Chien hinted we should not go to Lanchowfu. Now he threatens—

"I gathered as much." Gray took the slip of fine silk and scanned it quizzically. "Delabar, do you know the ideograph for 'to make' or 'build'?"

The scientist nodded. "Then write it, where it seems to fit in here."

Delabar did so, with a glance at his companion. Whereupon the soldier folded the missive and replaced it in the jar. He clapped his hands loudly. Almost at once a boy appeared in the door.

To him Gray handed the vase with instructions to carry it to His Excellency, the official Wu Fang Chien. He re-enforced his order with a piece of silver cash. To the curious scientist he explained briefly.

"Wu Fang is a scholar. He will read our reply as: 'A wise man will not build a wall in the west.' It will give him food for thought, and it may keep His Excellency's men from overhauling our belongings a second time during our absence."

Delabar started. "May?"

"Yes. Remember I left that message of Wu's on top of these maps. I find it underneath them. The maps are all here. We locked our door, carefully. Someone has evidently given our papers the once over and forgotten to replace them in the order he found them. I say it may have been at Wu's orders. I think it probably was."

"Why?" Delabar licked his thin lips nervously.

"Because nothing has been taken. A Chinese official has the right to be curious about strangers in his district. Likewise, his men wouldn't have much trouble in entering the room—with the landlord's assistance. The ordinary run of thieves would have taken something valuable—my field glasses, for instance."

**Saw the Maps, Maybe?**

Delabar strode nervously the length of the room and peered from the shutters.

"Captain Gray!" he swung around, "do you know there are maps of the Gobi, of Sungan, in your case. The person who broke into our room must have seen them."

"I reckon so."

"Then Wu Fang Chien may know we are going to the Gobi! I have not forgotten what he said about the last American hunter. What hunter has been as far as the Gobi? None. So—"

"You think he meant—"

"Dr. Brent."

Gray shook his head slowly. "Far fetched, Delabar," he meditated. "You're putting two and two together to make ten. All we know is that Wu has sent us a polite motto. No use in worrying ourselves."

But it was clear that Delabar was worried, and more. Gray had been observing his companion closely. Now for the first time he read covert fear in the professor's thin face.

Fear, Gray reflected to himself, was hard to deal with, in a man of weak vitality and high-strung nerves. He felt that Delabar was alarmed needlessly; that he dreaded what lay before them.

For that reason he regretted the event of that night which gave shape to Delabar's apprehensions.

At the scientist's urging, they did not leave the room before turning in. Gray adjusted Delabar's walking stick against the door, placing a string of Chinese money on the head of the stick, and balancing the combination so a movement of the door would send the coins crashing to the floor.

"Just in case our second-story men pay us another visit," he explained. "Now that we know they can open the door, we'll act accordingly."

**Needed Insect Powder**

It was a hot night.

Gray, naked except for shirt and socks, lay under the mosquito netting and wished that he had brought double the amount of insect powder. Across the room Delabar had subsided into fitful snores. The night was not quiet.

In the courtyard of the hotel Chinese servants were at their perpetual gambling, their shrill voices coming up thru the shutters. On the further side of the street a guitar twanged monotonously. Somewhere, a dog yelped.

The warm odors of the place assailed Gray's nostrils unpleasantly.

They were strange, potent odors, a mingling of dirt, refuse, horses, the remnants of cooking. Gray sighed, longing for the clean air of the plains toward which they were headed.

They were still far from the Gobi's edge. The distance seemed to stretch out interminably. It is not easy to cross the broad bosom of China.

He wondered what success they would have. What was the city of Sungan? How had it escaped observation? How did a city happen to be in the desert, anyway?

What was the pale sickness Brent had spoken of? Brent had died. From natural causes, of course. Gray gave little heed to Delabar's wild surmises. But the conduct of Wu Fang Chien afforded him food for thought.

Had the vice-governor actually known of their mission? His words might have had a double meaning. And they might not. The silk scroll meant little. Delabar had read warning into it; but was not that a result of his imagination?

Gray turned uncomfortably on his bed and considered the matter. How could Wu Fang Chien have known they were bound for Sungan? Their mission had been carefully kept from publicity. Only Van Schaick and his three associates knew of it. Men like Van Schaick and Balch could keep their mouths shut. And Delabar was certainly cautious enough.

Gray cursed the heat under his breath, with added measure for the dog which seemed bound to make a night of it. The chatter at the hotel door had subsided with midnight. But the guitar still struck its melancholy note, accompanied by the intermittent wail of the sorrowing dog.

No, Gray thought sleepily, Wu Fang Chien could not have known of their mission. He had let Delabar's nerves prey on his own—that was all. Delabar was full of this Asia stuff, especially concerning the priests—

Gray's mind drifted away into vague visions of ancient and forgotten temples. The guitar note became the strum of temple drums, echoing over the waste of the desert. The dog's plaint took form in the wailing of shrouded forms that moved about gigantic ruins, ruins that gave forth throngs of spirits. And the spirits took up the wail, approaching him.

**It Was "Action Front!"**

A green light flamed from the temple gate. The gongs sounded a final crash—and Gray awoke at the noise of the stick and coins falling to the floor.

He became fully conscious instantly—from habit. And was aware of two things. He had been asleep for some time. Also, the door had been thrown open and dark forms were running into the room.

Gray caught at his automatic which he always hung at his pillow. He missed it in the dark. One of the figures stumbled against the bed. He felt a hand brush across his face.

Drawing up his legs swiftly he kicked out at the man who was fumbling for him. The fellow subsided backward with a grunt, and the officer gained his feet. His sight was not yet cleared, but he perceived the blur of figures in the light from the open door.

He wasted no time in outcry. Experience had taught him that the best way to deal with native assailants was with his fists. He bent forward from the hips, balanced himself and jabbed at the first man who ran up to him.

His fist landed in the intruder's face. Gray weighed over a hundred and seventy pounds, and he had the knack which comparatively few men possess of putting his weight behind his fists. Moreover, he was not easily flurried, and this coolness gave his blows added sting.

At least four men had broken into the room. The other two hesitated when they saw their companion knocked down. But Gray did not. There was a brief rustle of feet over the floor, the sound of a heavy fist striking against flesh, and the invaders stumbled or crawled from the room.

Gray was surprised they did not use their knives. Once they perceived he was fully awake they seemed to lose heart. The fight had taken only a minute, and Gray was master of the field.

He had counted four men as they ran out. But he waited alertly by the door while Delabar, who had remained on his bed, got up and lit the lamp.



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**Magic Weather House**

Given for Four Subscriptions

This curious little house has green roof, with brown front and main body pebble-dashed. Green blinds and shades. Gorgeous colored bird perched over the window. Stately antler head in center and a real thermometer in full view. Tells 24 hours before hand when it is going to rain or snow. The most interesting thing about it is the people who dwell in it. If the weather is fine, the children come out and the witch remains indoors. If the weather is going to be bad, the witch comes out and the children remain indoors. It takes the eye of every boy and girl and will be sent postpaid for a club of four one-year subscriptions to Capper's Farmer at 25c each.

**CAPPER'S FARMER, TOPEKA, KANSAS**

Gray's first glance told him that no Chinamen were to be seen. He was breathing heavily, but quite unhurt. Having the advantage of both weight and hitting power over his light adversaries, he took no pride in his prompt clearing of the room. Delabar, however, was plainly shaky.

**Then Came a Head**

"What did they want?" the professor muttered, eyeing the door. "How——" "Look out!" warned Gray crisply. From the foot of his bed a head appeared. Two slant eyes fixed on him angrily. A Chinaman in the rough clothes of a coolie crawled out and stood erect. In one hand he held Gray's rifle, removed from the case. With the other he was fumbling at the safety catch with which he seemed unfamiliar.

Gray acted swiftly. Realizing that the gun was loaded and that it would go off if the coolie thought of pulling the trigger, inasmuch as the safety catch was not set, he stepped to one side, to the head of the bed. Here he fell to his knees. The man with the rifle, if he had fired, would probably have shot over the American, who was feeling under the pillow. As it happened the coolie did not pull the trigger of the gun. A dart of flame, a crack which echoed loudly in the narrow room—and Gray, over the sights of the automatic which he had recovered and fired in one motion, saw the man stagger.

Thru the swirling smoke he saw the coolie drop the gun and run to the window. Gray covered the man again, but refrained from pressing the trigger. There was no need of killing the coolie. The next instant the man had flung open the shutters and dived from the window. Looking out, Gray saw the form of his adversary vaguely as the coolie picked himself up and vanished in the darkness. The street was silent. The guitar was no longer to be heard. Gray crossed the room and flung open the door. The hall was empty. He closed the door, readjusted the stick and string of coins and grinned at Delabar who was watching nervously.

"That was one on me, Professor," he admitted cheerfully. "The coolie who bobbed up under the bed must have been the one I kicked there. Fancy knocking a man to where he can grab your own gun." Delabar, however, saw no humor in the situation. "They were coolies," he said. "What do you suppose they came after?" "Money. I don't know," Gray replaced the shutters and blew out the light. "We'll complain to our landlord in the morning. But I don't guess we'll have much satisfaction out of him. The fact that my shot didn't bring the household running here shows pretty well that it was a put-up job."

**Rifles Were Gone**

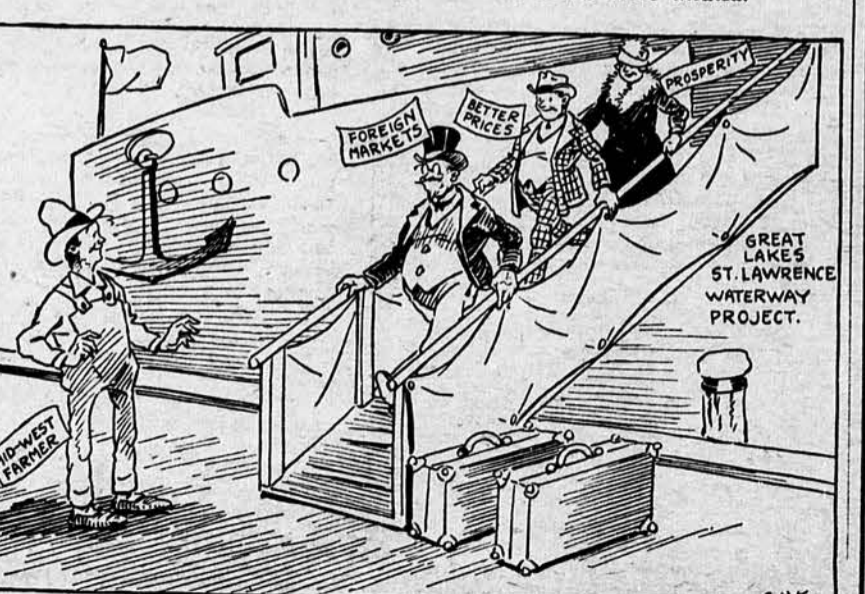
His prophecy proved true. The proprietor of the hotel protested that he had known nothing of the matter. Asked why he had not investigated the shot, he declared that he was afraid. Gray gave up his questioning and set about preparing to leave Honanfu. "The sooner we're away from Wu Fang's jurisdiction the better," he observed to Delabar. "No use in making an investigation. It would only delay us. Our baggage came in this morning, and you've engaged the muleteers. We'll shake Honanfu." Delabar seemed as anxious as Gray to leave the town. Crowds of Chinese, attracted perhaps by rumor of what had happened in the night, followed them about the streets as Gray energetically assembled his two wagons with the stores, and the men to drive the mules. He made one discovery. In checking up the list of baggage they found that one box was missing. "It's the one that had the rifles and spare ammunition," grunted Gray. "Damn!" He had put the rifle that had been intended for McCann with his own extra piece and ammunition in a separate box. Despite persistent questioning, the drivers who had brought the wagons to Honanfu denied they had seen the box. A telegram was sent to the railway terminal. The answer was delayed until late afternoon. No news of the box was forthcoming. "It's no use," declared Delabar moodily. "Remember, you told Wu Fang Chien that our rifles were with the luggage. Probably he has taken the box."

**Why Not More Alfalfa?**

The alfalfa acreage in Kansas has been declining at the rate of 40,000 acres a year. In 1915 the state was growing 1,360,000 acres—it now has 884,000, which is a loss of 486,000 acres. In "them good old days" the state was first in growing this crop; now it is third. And alfalfa is the most valuable field crop in Kansas! But maybe we are going to "squads right about." "We know how to grow alfalfa, and we know its value," says J. C. Mohler, secretary of the Kansas State Board of Agriculture. "We also know it is admirably adapted to our conditions. If we are to profit by our opportunities we must plant more. The situation is changing to a point where we are going to need a great deal more alfalfa if we are to improve our methods of farm management. The foresighted grower is going to plant more alfalfa this year." "Kansas ought to lead in growing alfalfa," says L. E. Call, professor of agronomy in the Kansas State Agricultural College. "The state could profitably grow 2 or 3 million acres, if it were distributed properly." Why not change this loss of 40,000 acres a year into a gain of about 250,000?

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# Chicks Will Help You, Too

## Sunshine, Self-feeder and a Shotgun Responsible for This Poultry Club Member's Success

BY FERN GARDNER  
Poultry Club Manager

ARE the girls ready now for the contest story which was written by a Capper Poultry Club member of 1924? Now we don't want the boys to lay down the paper because there are some things we want to tell both boys and girls. Ruth tells about how her brother used his shotgun. Does that interest the boys? Read the story which follows this paragraph to see whether the shotgun story interests you.

Before we go further, let's hear Ruth's story. She starts like this: "Mamma knew I wished to join the Capper Poultry Club, so when I asked her whether I might join, she just smiled and said, 'Do you think you can do everything right?' Of course, I had already made up my mind I could, and I promised mamma I would not neglect even one feeding of my chickens. That sounded better than usual to mother, but she must have known I had a firmer purpose than ever before because she consented to my club work plans.

### Bought 40 Hatching Eggs

"Then one warm morning just after the snow melted, I felt really dissatisfied with waiting longer to send for my eggs which were to hatch into at least 20 purebred baby chicks. I found the name and address of a man near me from whom I could get Barred Plymouth Rock eggs. I sent for 40 eggs so I could be sure 20 would hatch. I got the eggs and 24 of them hatched. Those were 24 nice, downy, gray layers, or were they mostly roosters? Well, it turned out that I had 14 cockerels and 7 pullets—three of the chicks died.

"Of the 21 chicks I had left on April 1, I entered all except the smallest one in the contest. I guess I made a mistake tho, for that one I culled out lived, and my largest, proudest one was mashed in a door.

### Brother Killed the Crows

"My chicks were healthy and grew like wild game. I give sunshine, self-feeder, and a shotgun credit for my success. The shotgun is my brother's, who was in the pig club. He kept the crows chased away with his gun. He said it was not for me he was doing it, but aimed to keep the crows from dragging hog cholera to his contest pen. Anyway it helped to save my baby chicks, and brother is interested in them, too.

"There was only one girl in our county and I was that one. I blame myself, because I did not even ask my friends to join. And now I am too old to join again. But, I got acquainted with other girls by reading the stories in the Kansas Farmer and Mail & Breeze. My record was good—not good enough for a prize—but good enough to earn several shining dollars. And I have six pullets and one cockerel left for a start this coming year."

Now, boys, can you write a story as good as that when the contest closes December 15? You may try and I hope you succeed.

This is the time of year when an occasional warm, bright, sunshiny day makes you just ache to get things started to growing, and, of course, before we can start to see our chickens grow, we have to get the eggs hatched. From the time I was a little child I can remember the joy of going to the hen house and looking under the old hens to see whether there were some eggs pipped, and on a cold day when one hen left her chicks I took the little, soft, fluffy things in my arms and put them in an old basket behind the range in the kitchen. We all like baby chicks, and when it gets warmer and when the baby chicks get a little larger so they can run and scratch for themselves, we all like to watch them grow. When they are growing so well it is a mighty hard thing not to count our fall pin money before the chickens are grown.

I think we all have a desire to get out-of-doors and get close to nature and work in the garden and with the poultry. Altho I have to be in an office most of the time now, I don't think a spring ever came that I didn't wish to "play hooky" and stay home and plant the garden and feed and water the chickens.

We are going to try to give each member individual help and attention, so join now to get started and then write me personally about any difficulties you are having, and I will do my best to help you.

### Remembers Home School

Dr. James W. Kennedy, a noted surgeon of Philadelphia, has never forgotten the little stone schoolhouse in Geary county where he received his early education. The school, district No. 17, has just received from him a large American flag, two high power lamps, several sets of supplementary readers, a set of penmanship charts and manual, a football and two water color pictures. He ascertained the needs of the school on a recent visit home.

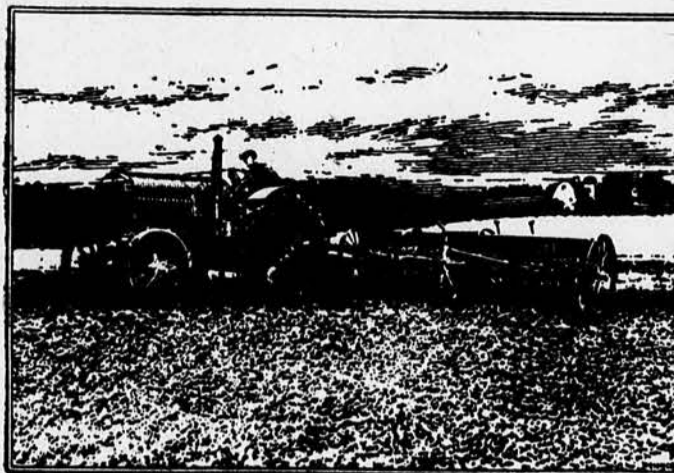
Another distinguished "alumnus" of this school is Dr. Fred Murphy, later a star football at Yale and recently mentioned as a possible candidate for head of that university.

### A Pretty Good World

Frank Carter, a young farmer of Saffordville, is of the opinion that this is a pretty good old world after all. Last fall at crop harvesting time, Carter became ill and has since been confined to his bed. He had grown 60 acres of excellent kafir and other crops which he was unable to harvest or thresh. All the time he has been ill the price of kafir has been advancing. Recently his neighbors have headed the crop and got it ready to thresh. He is expecting to receive almost double what the grain would have brought last fall.

Gust Nyqvist, county attorney of McPherson county, has ruled that when drivers back cars they are responsible in case of a collision with another car.

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## Spring Bonnets Blossom in Lyon County

By Mrs. Hallie Jenkins

THRU the Farm Bureau, Maude Finley of the extension division of the Kansas State Agricultural College, Manhattan, came to Emporia recently to teach the nimble fingers of the women of Lyon county the why and wherefore of spring millinery. I visited the class several times and watched the fingers fly over smart trimming designs, viewed the smoothly covered frames and was, I am sure, as eager as the participants over the placing of an exquisite bit of trimming or the final setting of two small, brilliant pins. I was fortunate in obtaining permission to sketch nine of the 10 hats completed under Miss Finley's instruction, the tenth hat having to fly away with its owner to catch an early train.

No. 1 is a hat made especially for a dear little lady fast approaching her allotted "three score and ten." It is of a rough, silky straw, a decided flare on the left side curving gently down to the right where it dips flatteringly. A fluffy rosette of narrow picoted strips of black taffeta fill out the space between the "dip" and the crown, thru which

stand-up bow of moire ribbon in the exact shade of the smoothly covered frame trims the left side. The looping, twisting braid is made of the same fabric that forms the hat, sand colored Canton crepe. Twining about each loop is a tiny cord of blue emphasizing each turn and adding a bit of color.

The crown of No. 7 is of sand-colored Canton, the sort of a crown that rises to the tip-top of its curve with little folds. The brim is almost as brown as its wearer's eyes. It turns up ever so slightly and forms a bewitching outline at the center front where it is cut out just a little bit. The high bow is of brown ribbon drawn thru a smoky pearl buckle.

### Hats Have "Professional" Look

Hat No. 8 is most chic. A modish frame was chosen, the brim itself forming the striking bows that show distinctively from any view of the hat. This frame is covered smoothly in black taffeta, the clever brim smooth on the inside and pic-tucked on the outward curve. Two small buckles, brilliant set, are placed in a diagonal line near the center front.

Upon this last hat, I could write a story. The braid that forms its drooping, lovely brim and so effectively trims the crown are of Tuscan braid—braid that came straight from the Isle of Tuscan more than 40 years ago. The design of it is beautiful and as firm to the touch as when patient fingers first lifted it to the light nearly half a century ago. It is placed over changeable taffeta in orchid and turquoise blue. The crown has a narrow fold midway of its height and where it joins the brim it is banded in turquoise, taupe and rust. Morning glories are made of these three colors. The straw extends over the silk facing about 1 inch and is placed only at the front of the crown.

I noticed all thru the making of these hats that a "professional" look was desired. Handwork was not used except when it would be more effective than trim machine stitching. The clever models were made by women who have learned to work quickly and to seek smartness. These women will teach others and so the completed ripples from this well directed course will reach many women who love the beautiful and smart and who, incidentally, will save much coin in the fashioning of their own chapeaux.

### American Chop Suey

ONE dish meal suitable for noon is American chop suey. It will bring plenty of vegetables into the diet and it has a delicious flavor. Use:

½ pound pork steak	½ cup sliced mushrooms
2 tablespoons fat	¾ cup rice
1 sliced onion	3 cups stock
1 shredded green pepper	1 teaspoon salt
1 cup shredded celery	

Cut the pork into small pieces. Brown the onion slightly in the fat, add the meat, pepper, celery and mushrooms and cook 3 minutes. Add the other ingredients and boil slowly until the vegetables and rice are tender. This will take about 20 minutes. No dessert is needed with this meal, but if any is served, it should be fruit.

Barbara Brooks.

### Decorating the Useful

THE serviceable wicker hamper, regardless of its shape, will be less conspicuous and more decorative and will last longer if painted. Hampers usually are purchased in natural color. In the bathroom or kitchen, paint them the color of the woodwork, with a band of harmonizing color on the bottom and center. In a hall room or bedroom, the hamper should match the wall behind it. It should be thoroly dusted and perfectly dry before painting.

### "The Best Will Come Back to You"

THE first and most important step in teaching children to be orderly is to provide handy places for their belongings. There is no use to scold Don for not hanging up his coat and hat if there are no hooks low enough for him to reach conveniently.

Provide the children with separate places for their clothing on graduated hooks according to their age and they will not get the careless habit of leaving their coats and caps on chairs to be crushed by somebody else who is just as careless about what he sits upon.

A table just inside the kitchen door, or front room for that matter, will save many a hunt for stray gloves or school books.

Habits will grow with your children, and if you impress tidiness in dress and home, it will radiate with them as they grow up into the outside world. We really get the most out of life who put our best effort in rearing our children.

Finney County. Cressie Zirkle.

### The Housewife's Half Hour

IF YOU own a radio, tune in at 9:55 a. m. You'll catch a message sent directly to you from the extension department of the Kansas State Agricultural College. Have your pencil and paper ready, too, for you'll want to take down the recipes suggested for tomorrow's dinner. Every morning except Saturday and Sunday a half hour program for women is broadcasted at this time, including recipes, late style news, household hints—in fact, anything of interest to women is likely to be heard.

That women appreciate this "housewife's half hour" is proved by the many questions that flood Amy Kelly, state home demonstration leader, who is in charge of the program. A gingerbread recipe given one morning was repeated twice by special request. And incidentally, the question box is a popular feature of the session. You may think you haven't time to stop work at this hour. Just read what one woman wrote:

"I want to tell you how I managed my work this morning. I washed the breakfast dishes, did my chamber work and started my dinner. Then I got in on the air. By having my darning at hand, I eliminated three pairs of hose from the weekly mending in addition to taking the recipes. At that rate, my hose always will be darned."

Florence K. Miller.

### Crisp Salads to Sharpen Lagging Appetites

By Mrs. Nell B. Nichols

SALADS are popular at any season but especially so in the late winter and early spring when our meals usually contain large amounts of meat. A few simple dishes are made as follows.

#### February Salad

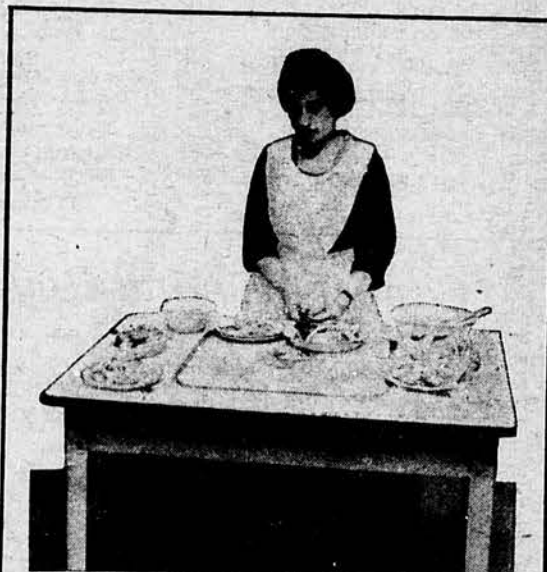
Use 1 head of lettuce, 1 lemon, 2 apples, ½ cup chopped celery and mayonnaise dressing. Pare the apples and lemon and cut them in thin slices. Mix with the celery and serve with the salad dressing on the lettuce leaves.

#### Fruit Salad

Use 2 bananas, 2 oranges, ½ cup walnut meats, juice of ½ lemon, lettuce and salad dressing. Slice the bananas and oranges and mix them with the nuts and lemon juice. Serve on lettuce leaves with the dressing.

#### Lily Salad

One head of lettuce, 6 hard cooked eggs and mayonnaise dressing are used in this salad. Line a round dish with lettuce leaves. Cut the whites of the eggs in pieces lengthwise, like the petals of a water lily. Arrange the pieces in circular form on the lettuce and in the center pour the yolks mixed with the dressing. If one wishes, individual lilies may be made on small plates.



To make a really good salad—the poem-in-the-picture kind—takes the eye of an artist in selection, the niggardliness of a miser with vinegar, the wisdom of a counselor with salt, and the extravagance of a spendthrift with oil.  
Old Recipe.

### New Life

ONLY a little shriveled seed—  
It might be a flower or grass or weed;  
Only a box of dirt on the edge  
Of a narrow, dusty window ledge;  
Only a few scant summer showers;  
Only a few clear, shining hours—  
That was all. Yet God could make  
Out of these, for a sick child's sake,  
A blossom-wonder as fair and sweet  
As ever broke at an angel's feet.

Only a life of barren pain,  
Wet with sorrowful tears for rain;  
Warmed sometimes by a wandering gleam  
Of joy that seemed but a happy dream.  
A life as common and brown and bare  
As the box of earth in the window there;  
Yet it bore at last the precious bloom  
Of a perfect soul in a narrow room—  
Pure as the snowy leaves that fold  
Over the flower's heart of gold.

—Henry Van Dyke.

is wound silk of Copenhagen blue, adding a lovely touch of color that relieves the somberness of the hat.

No. 2 is a perky affair. The crown of taupe straw was deftly pasted to the buckram frame that it might have a rigid appearance at the four joinings. The upper brim matches the crown in fabric. But the lower brim is a thing of vivid coral and gold changeable taffeta, blending with the fresh color of the wearer. The bow is a flaunting affair of picoted, changeable taffeta. The loop and an end stand up smartly, two loops and an end forming the pretty "fall."

All in purple and gold changeable taffeta is No. 3. The brim is plaited all the way round its curving line and the crown finished with two sections of the taffeta cut to form four tabs, picoted and placed one over the other. The graceful bow of the picoted taffeta was placed low on the right side.

Hat No. 4 is in gray, the brim turning up in an uneven line in the back. Two materials are used in fashioning it—straw in a smoky, soft shade and Canton crepe that forms the soft drape that ends in a cluster of frosty flowers and leaves. This is an excellent model for the stout woman.

The next very lovely hat is for a matron. The brim is of blue and bronze brocade and the draped crown of lustrous black satin. A distinctive ornament is made of interlaced milliner's folds and outlined in the same soft folds. The small rim dips in the front and turns smartly off the hair at the side-back. Several new features draw the attention to No. 6. The brim has a very narrow turn in the front and a most decided one in the back. A

# Lapses from Good Grace

## Some of the Things That May Cause the Off Days of Your Youngsters

BY MRS. MARGARET A. BARTLETT

I REMEMBER once there was a short period in my life when I didn't want to go to school. It was an unheard of thing for me. Why, school had been the bread and butter, yes, and the jelly, of my existence. And yet there came this period when I dragged weary footsteps to the schoolhouse. I was sick and tired of school; I wished I never would have to go again. The period passed, and once again I was in love with my books, my teacher and school life in general.

I do not remember that there was any reason for me suddenly to develop an antipathy for school and anything connected with it. Yet I know that there must have been some underlying cause. Possibly it was a state of physical exhaustion—I had the bad habit, always, of going my limit and just a little bit beyond—that made studies wearisome and obnoxious. When I had rested and regained my vigor, all my former interest came back a-flying.

### Take a Backward Look

Look back over your own life. Do you not recall some period equally as foreign to your habitual conduct as the experience of my own I have related? Do you not remember some sudden fall from grace, some period of rebellion toward things that are, some spell when your parents didn't know what to make of you?

I'll wager you can recall some such period in your growth. The important thing about it, however, is not that you can recall such a spell in your life, but that it was only a temporary lapse from grace, that in a little time you "got over it" and life ran on as before.

Bear that memory in mind as you deal with your own children. They, too, will have sudden little flip-flops of behavior. Perhaps there'll come a spell of disagreeableness about the home, a little period when chores, once cheerfully done, are grumbled at and avoided whenever possible, lazy streaks may develop, listless days, and days filled with impatience may follow close on the heels of days that are bright and sunny and agreeable.

With the memory of your own little far-from-perfect spells, be patient with your topsy-turvy child. Remember that little flip-flops of behavior are common occurrences in childhood. Remember that many things may cause them, among them, tired nerves, a too rapidly growing body, lack of sleep or sensitiveness. Be patient, be kind, be helpful, be sympathetic, and above all, don't worry. If you have trained your child right, there is no need to fear and worry over a sudden fall from good manners, good disposition, or good attitude toward school work. Such little lapses are the natural development of childhood. Every child will experience them, but all whose rearing has been guarded carefully will bounce back to their former selves.

### Slippers Out of the Way

WE THINK we have found a good way to keep bedroom slippers off the floor. A piece of inch-wide elastic, about a yard long is tacked to the closet door on the inside, the tacks being 4 inches apart. When the slippers are placed behind the elastic they are held in place. You will always know where your slippers are to be found if you adopt our plan.

Mrs. F. O. Nelson.  
Madison Co., Nebraska.

### If Lunch Interest Wanes

VARIETY in sandwiches aids in keeping up the child's interest in the contents of his daily lunch box when a cold lunch is necessary. Chopped nuts, dates and figs, various kinds of cheese as well as jelly or jam, make sandwich fillings that appeal to childish palates. If possible, never make the same kind of sandwich two days in succession. Minced meats are bet-

ter for children's sandwiches than slices.

Simple cakes and cookies will not hurt the child. Sponge cake seems most suitable for children, because it is not so rich as a butter cake. But fruit is the ideal dessert for the school lunch box, and of all fruits the orange leads in popularity and in helpful food elements. No other fruit contains so large a content of vitamins, that element so essential to proper growth, sound bone structure and vitality.

Phoebe Cole.

### Ever Play This Game?

HOT potato is a game that little children and grown-ups play equally well and in which they are equally interested. The players stand side

side in a circle. A ball or tightly rolled newspaper or magazine is handed around the circle from one player to another while music is being played, but suddenly the music stops and the player holding the ball must step out of the game. This is repeated, one player being eliminated each time the music stops until only one player is left. The ball must be passed, not thrown. If when the music stops, the ball is on the floor or ground the player having touched it last is eliminated.

We have compiled two groups of games, one set called "Red Letter Day Parties," and the other "Fun Making Games." The first collection is adapted to the special occasion or red letter day parties and the second booklet contains games for any occasion. The books sell for 15 cents apiece or the two for 25 cents. Order from the Book Editor, Kansas Farmer and Mail & Breeze, Topeka, Kan.

Today has this advantage over yesterday—that it exists and was made for us. Be today what it will, it has wider knowledge than yesterday and by that alone does it become more beautiful and vaster.—Maurice Maeterlinck.

## HELPS NATURE

Many make greater inroads on their vital-forces than they should.

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CAPPER'S FARMER, Topeka, Kan.

# Poor Sugar = Here's the Way You Can Avoid It

EVERY housewife has known at one time or another what a disappointment it is to have poor sugar.

There is a difference in sugar—in its appearance, in its purity.

The purest sugar is *sparkling white*. It has been cleansed of all impurities. It *looks* pure. It *is* pure!

You can avoid poor sugar by asking your grocer for a dependable product by name. *Sparkling white-*

*ness, luster and evenness of grain are characteristics always of Great Western Sugar. In the process of refining these important qualities are not left to chance. Every possible safeguard governs the production of the purest sugar possible in Great Western plants. Frequent exacting inspections demand that the finished product, in purity, color and uniformity of grain, shall meet the highest standards known in the industry*

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ceive less profit on long distance shipments to far away markets than on sugar sold in these Middle Western States. He wants to see Great Western Sugar sold here, where the sale means a greater profit to him—and no more cost to you. He benefits the greatest when you buy Great Western Sugar.

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# Great Western Beet Sugar

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# Puzzle Fun for the Boys and Girls

**A DUMB BELL BOYS**

Aunty Izza Dumbbell said "My 1<sup>st</sup> 2<sup>nd</sup> 3<sup>rd</sup> 4<sup>th</sup> 5<sup>th</sup> 6<sup>th</sup> 7<sup>th</sup> 8<sup>th</sup> 9<sup>th</sup> 10<sup>th</sup> 11<sup>th</sup> 12<sup>th</sup> 13<sup>th</sup> 14<sup>th</sup> 15<sup>th</sup> 16<sup>th</sup> 17<sup>th</sup> 18<sup>th</sup> 19<sup>th</sup> 20<sup>th</sup> 21<sup>st</sup> 22<sup>nd</sup> 23<sup>rd</sup> 24<sup>th</sup> 25<sup>th</sup> 26<sup>th</sup> 27<sup>th</sup> 28<sup>th</sup> 29<sup>th</sup> 30<sup>th</sup> is up to no good because it goes out every night"

If you will begin with No. 1 and follow with your pencil to the last number you will find the answer to this puzzle. Send your answer to Leona Stahl, Kansas Farmer, Topeka, Kan. The first 10 boys or girls answering correctly will receive a surprise gift each.

### Goes to High School

I am 13 years old and started to high school this year. For pets I have three cats, some chickens and a pony. We take your paper and I like it fine.  
Wilson, Kan. Kathleen Brown.

a Shetland colt. I live on a farm. We milk eight cows. I wish some girls of my age from another state would write to me.  
Gypsum, Kan. Gladys Elliott.

### Likes the Children's Page

I am 12 years old and in the seventh grade. There are only 10 pupils that go to our school. I have one sister and one brother. My sister's name is Florence and my brother's name is Donald. I like to read the children's page and would like to hear from the readers of this page.  
Kincaid, Kan. Sheldon Sageser.

### Try to Do This

My first is in wheat but not in corn.  
My second is in night but not in morn.  
My third is in peach but not in plum.  
My fourth is in music but not in hum.  
My fifth is in apple but not in cherry.  
My sixth is in pear but not in berry.  
My seventh is in pumpkin but not in gourd.  
My eighth is in water but not in ford.  
My ninth is in creek but not in ditch,

My tenth is in leaf but not in switch.  
My eleventh is in radish but not in beet.  
My twelfth is in okra but not in meat.  
My thirteenth is in melon but not in bean.  
My fourteenth is in purple but not in green.  
My fifteenth is in throat but not in mouth.  
My sixteenth is in west but not in south.  
My seventeenth is in the west but not in the world.  
My eighteenth is in tossing but not in hurled.  
The whole covers America like the dew.  
And carries this message from me to you.  
Answer: The Capper Farm Press.

### Isn't Jimmy Complimentary

"Who was that lady I saw yer talkin' to at the ball game, Jimmy?"  
"That was our schoolteacher. I was tryin' to make her understand how the game is played, but it wasn't any use. Gee! I don't see how she ever got to be a schoolteacher."

### Queen and Muffet for Pets

I am 11 years old and in the sixth grade. My brother and I go to a country school. I have two brothers and two sisters in high school. For pets I have a dog named Queen and a cat named Muffet. I would like to hear from some of the boys and girls.  
Ozawkie, Kan. Virgil Elaine Baker.

### I Go to Nichols School

I am 11 years old and in the sixth grade. The name of our school is Nichols. I have a dog named Jack and

a cat. We live on a farm. I have three brothers and one sister. I am going to school alone next year. My brother is going to high school next year.  
Dorrance, Kan. Annie Fend.

**The Magic Oval**

Makes Drawing Easy

### Teddy and Traxey

I have one sister. I am 8 years old and in the third grade. I have two cats, one cow, one calf, a dog named Teddy and a black pony named Traxey.  
Harris, Kan. Clarence Horst.

**EACH RABBIT HAS TWO EARS YET YOU CAN'T FIND MORE THAN THREE EARS IN THE PICTURE. CAN YOU?**

### Spots, Bluebell and Toots

I am 11 years old. I have a brother 5 years old. For pets I have a dog named Spot, a kitten named Bluebell, a pony named Toots, a calf, a pig and

1922 AUGUST 1923

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31				

+ + AF - =

What city in Maine is concealed here? Send your answer to Leona Stahl, Kansas Farmer, Topeka, Kan. The first 10 boys or girls answering correctly will receive a package of postcards each.

**The Hoovers—Three Coats and a Close Shave**

Panel 1: A woman says, "BUDDY WHILE YOU ARE RESTING, GO DOWN CELLAR AND—". A man sits in a chair reading a newspaper.

Panel 2: The woman says, "PAINT THAT OLD INCUBATOR". The man looks surprised, saying "OH!".

Panel 3: The woman says, "JUST A MINUTE, MA, HOLD THIS WHILE". The man holds a paint can.

Panel 4: The man says, "I GO AND DRESS FOR THE ACT".

Panel 5: The woman says, "WHY THE ESKIMO MAKE-UP?". The man says, "IT SAYS ON THE CAN: PUT ON THREE COATS!!".

Panel 6: The man runs away, saying, "WELL, IT GOT HER MIND OFF THE PAINT JOB!".

The Hoovers—Three Coats and a Close Shave

# Smart Fabrics in New Ways

A Pleasing Plain and Plaid Combination Has Been Chosen for This Beltless Coat Dress

BY MRS. HELEN LEE CRAIG



**2293—Beltless Mode.** Because nothing is smarter than plain and plaid combinations, these materials were used in this model. Sizes 16 years, 36, 38, 40, 42, 44 and 46 inches bust measure.

**2311—When Company Comes.** Sizes small, medium and large.

**2314—For the Young Miss.** Both mother and daughter will like this charming dress. It would be attractive in printed challis or a fine flowered muslin, or for the older girl, in silk. Sizes 6, 8, 10, 12 and 14 years.

**2214—All-in-One Apron.** The diagram shows the garment after cutting. Sizes small, medium and large.

**2315—The pattern may be used with built-up shoulders and a V-neck or with straps and straight upper edge.** Sizes 16 years, 36, 38, 40, 42, 44 and 46 inches bust measure.

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

## 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.

### Perpetual Yeast

Will you please tell me thru the columns of The Kansas Farmer and Mail and Breeze how to get a start of what is called ever lasting yeast? It is mostly potato water and sugar. How much potato water and sugar should be added each time to keep it going? I thank you.—Mrs. M. V. S.

I am glad to give you a recipe for a liquid yeast called perpetual yeast which I believe is the one to which you refer.

Dissolve 1 cake compressed yeast in 1 pint lukewarm unsalted water in which potatoes were boiled. Mix well, add ½ cup sugar, stir thoroughly, pour into a 2-quart glass jar, cover loosely and then let stand in a warm place over night. Next morning it will be a foaming mass. Put the rubber on the can, screw the cover down tight and set away in a cool place. When ready to make bread, pour into the can of yeast foam prepared as above 1 pint lukewarm water in which potatoes were cooked, mix well, and then stir in ¼ cup sugar. Let the can stand open in a warm place about 5 hours, or until the contents are very light and

foamy. Then stir it down and use 1 pint of the mixture for raising four loaves of bread. Put the rubber and cover on the jar again and keep in a cool place. Some of this yeast may be used once or twice a week, or every night, by adding fresh potato water and sugar, as described above.

### How to Clean a Carpet

Do you know how to make the preparation the commercial cleaners use on carpets? How should they be cleaned?—Mrs. G. T. Y.

The general rules for cleaning woolen fabrics answer for ordinary spots and stains on carpets. However, the size and other characteristics of carpets call for special suggestions. Various commercial cleaners have compounds that are trade secrets, but I believe you will like this preparation. Shave ½ pound of soap and boil in a quart of water until dissolved; then add a gallon of hot water and 1 ounce of salts of tartar; mix thoroly. Use a stiff brush and scrub the carpet with the mixture, which should lather freely and clean the carpet without making it very damp; clean a breadth, wipe it hard with a cloth wrung out of cold water. If there is much green in the carpet, put a cup of vinegar in the cold water. This quantity will clean a large carpet.

### At Baby's Bath Time

**D**URING baby's bath he will be easier to handle if he has a celluloid floating toy to take his interest. Celluloid toys are not satisfactory for general use as they are easily bitten out of shape.

### Our Dressmaking Book

**M**AKING your own frocks has other advantages besides economy. It gives a chance for individuality, your garments fit better and they will last longer because you can put durability into them. Sometimes we hesitate about making our best dresses for we say we cannot get the "finished" or tailored look that a ready-made garment has. We have an illustrated booklet that explains clearly and concisely how to finish a garment in the neatest way, the best way to finish collars, necklines and sleeves or in other words, how to do away with the "homemade look." Decorative stitches and a millinery lesson also are included. You will be surprised at the amount of information contained in the booklet. "Hints for Dressmaking," may be ordered from the Book Department, Kansas Farmer and Mail & Breeze, Topeka, Kan. Price 15 cents.

# Just for Curiosity

If you are curious about the results that come from using Calumet—bake a cake and use some other baking powder, then use the same recipe and employ

# CALUMET

THE WORLD'S GREATEST BAKING POWDER

Compare the texture of the two cakes—the way they look—the way they taste. The difference will cause you to join the millions who use Calumet daily. You will then realize why it is called the most economical of all leaveners. Never any losses—no last moment disappointments where Calumet is used—everything is always baked "just right."



Don't buy an unreliable brand of baking powder simply because it costs a trifle less than Calumet—it only means false economy. Never touched by human hands Calumet comes to you pure and wholesome.

EVERY INGREDIENT USED OFFICIALLY APPROVED BY U. S. FOOD AUTHORITIES

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- Poultry houses
- Garages
- Hog houses
- Outside toilets
- and
- 50 other uses

**Y**EAR after year in the springtime, thousands of housewives have made their year's supply of homemade soap with Lewis' Lye, the famous soapmaker. Lewis' Lye is packed in the safety friction top can, with the same merits which have won to it millions of soapmakers for half a century. Insist on Lewis' Lye. It will give you the utmost in value and satisfaction. If you haven't a copy of "The Truth About A Lye" mail this ad for it to-day.

Pennsylvania Salt Mfg. Co.  
Dept. K Philadelphia, Pa.



## Soapmaker Supreme

# 1-Blade School Pocket Knife

A Knife for Both Boys and Girls



Every boy and girl who goes to school knows how often they need a good pocket knife and how useful one is. It is not always convenient to borrow a knife when you want to sharpen a pencil or cut an apple—best way is to have one of your own. This one-blade, school pocket knife is one of the best of its kind we have ever had. Its blade made of the highest grade steel. Fully guaranteed by the manufacturer. You should have this knife.

It has a nickel silver rust-proof handle, with a 2½ inch blade made of the highest grade steel. This knife will stand hard wear and take a fine edge. Fully guaranteed by the manufacturer. You should have this knife.

**OUR SCHOOL OFFER** To every boy who sends in one new one-year subscription to Capper's Farmer and 25c we will send this school pocket knife free and postpaid. Send in your order today before our supply runs out. Do not delay, act at once. Address

**CAPPER'S FARMER, KNIFE DEPT. TOPEKA, KANSAS**

## More Food for Europe?

The foreign market in 1925 for most of the products of American farms promises to be at least as good as last year—maybe better. For specific products the strength of demand will depend both on the purchasing power of the most important foreign markets and the competition to be expected in these markets from the important foreign producers.

The European economic situation is distinctly brighter than it was a year ago. In the great industrial centers of Western Europe more confidence is apparent, and production has been resumed on a large scale. Loans from the United States have been largely instrumental in strengthening the financial situation. Employment of labor at larger real wages has increased the purchasing power of agricultural deficit countries. This increased purchasing power, however, does not necessarily mean greater imports of absolute necessities. In the wheat trade, for example, improved economic conditions facilitate trade, but may not increase imports or consumption of wheat. Higher purchasing power, however, will improve and develop European markets for products which are not absolute necessities, but which give greater variety to the supply of food and clothing.

In general the present tendency in Europe is toward increased purchasing power in the great industrial centers, together with increased production from agriculture. To a large extent the heavy purchases of agricultural products in the United States by European countries since the war have been due to decreased domestic production of these products. Every year since the war, however, has marked some progress in returning to pre-war production in Central and Western Europe. This increase in production, which is encouraged by the governments of these countries, tends to make them more nearly self-sufficient, and to diminish the need for our farm products.

There is no reason to expect any less competition from Argentina, Australia and Canada than in the last year. High prices for the present wheat crop in Argentina and Australia will certainly stimulate the seeding there for the crop of next season. In Canada the competition will depend on yields which may be expected to be higher than in 1924. Competition in meat and dairy products promises to be as keen if not keener than last year.

## To Foster World Peace

The big task of Cosmopolitan clubs is to promote international understanding, thus preventing wars and race hatred. G. A. Ajawani of Shikarpur, India, president of the Kansas State Agricultural college chapter of the club, told members of the Manhattan Kiwanis club at a recent meeting. The 10 foreign students of the college were guests of the Kiwanis club as representatives of the Cosmopolitan club.

Mr. Ajawani pointed out that "unnatural barriers" of race and class are hindering the fullest development of civilization throughout the world. He urged a scientific attitude and a spirit of tolerance.

Foreign students at the college represent nine countries. They are: Ramon A. Acevedo, Philippine Islands; Ignacio Cecerra, Argentina; E. A. Cabacungan, Philippine Islands; R. F. Correia, Brazil; L. F. Cortes, Colombia; Frederick Elder, Argentina; F. F. Guimaraes, Brazil; J. H. Hammad, Palestine; T. M. Kleinenberg, Transvaal, S. A.; Mohammed Labib, Egypt; Bahinder Singh, India; H. V. Macias, Mexico; Poy Lim, China; Z. K. Surmelian, Armenia; A. C. da Rocha, Brazil; D. J. Van Den Berg, Transvaal, S. A.; G. A. Ajawani, India; and M. I. Projtchieff, Bulgaria.

## Bill is Roarin' Again

William Allen White, Emporia editor, who incurred the censure of crossword puzzle fans by refusing to print the puzzles in his newspaper, The Emporia Gazette, and declaring they would not be printed until after his funeral, has been vindicated. He has proved to his own satisfaction at least that the crossword puzzles have a bad influence on their addicts.

"Last week The Gazette owned a good dictionary, a Cruden's Concordance and a Holy Bible," White said

recently. "First the dictionary went, the Bible disappeared, and now the Concordance is gone.

"For 30 years these books or their honored predecessors have been mainstays of the office, second only to the foreman and the devil. We wish no one any harm who may have them. A man who will steal a dictionary is enterprising and there is hope for him. A man who will steal a Concordance is a hair-hung and breeze-shaken sinner who is dancing on the sulfurous fumes of a four-letter word meaning Ottawa, Kan.

"But a human Billy goat who will calmly walk off with the Bible for no nobler reason than to get aid in solving crossword puzzles has a vacuum where his brains were, a garbage can where his heart was, and is also a cross between a five-letter word meaning civil cat and a fighting word meaning a number of things. But if he will return the Concordance he can keep the other books and may be a six-letter-word-meaning-fried-in-his-own-grease, in the use of them."

## A Carplike Fish in 3 Letters

(Continued from Page 3)

can be spelled in three letters. Even the loach is five, and all the others are at least 13." "No, no," protested Betty; "listen to this," and she read on:

"For descriptions of other Cyprinids than the carp, see Goldfish, Barbel, Gudgeon, Rudd, Roach, Chub, Dace, Minnow, Tench, Bream, Bleak, Bitterling, Mahseer."

"Shall I bring up the rest of the Encyclopedia," she asked hopefully, "and look them all up?" I felt, however, that I had absorbed as much ichthyology as I could digest before dinner, and, saying that it was time to get up, sent her away with a recommendation to do the easy words in the puzzle first and leave the carplike fish to the end. As I went to the bathroom I could hear her calling out from a lower window: "Ann, frozen confections in five letters?"

It is not often that I enjoy shaving, but after the Encyclopedia the exercise seemed positively soothing. If ever I sang or whistled in the bathroom I should have sung and whistled that morning, so intense was the feeling of relief from mental torture. Alas! even in the bathroom I was not secure. While the tap was still running—the hot tap, for I am no Spartan—there was a knock on the door. "Yes?" I cried, turning off the tap in order to be able to hear. "Who," called a well-known voice, "was Abraham's nephew in three letters?" "I don't know," I shouted back; "I didn't know Abraham had any nephews." "Was it Job?" asked the voice. "No," I called; "I'm sure it wasn't Job. I don't think Job was anybody's nephew. Some people say he never even existed." "He did," Betty called in answer, "he's in the Bible." "I know," I said, "but he wasn't Abraham's nephew."

"And I turned on the bath-water again. The bath was not yet full when there was another peremptory pounding on the door. "Yes?" "Do you think it was Lot?" "I don't know. Was Lot Abraham's nephew?" "I don't know. How can I find out?" "Look it up in the Bible." "What part of the Bible is it in?" "I don't know. Somewhere near the beginning. Turn over the pages till you see the word Abraham. Then find out if he had any brothers, and if any of them had a son in three letters." Retreating footsteps, then silence, and the luxury of warm water flowing down the shoulders. Peace at last. Then another knock. "Yes?" "It was Lot." "Good. Who told you?" "Mammy." "Are you sure she knows?" "Well, anyhow, it fits!"

Seldom hav I spent such a Sunday. We live in an age of restless intellectualism, of curiosity that does not pause even at the utmost star in space. But if the rising generation is to be brought up on crossword puzzles, it seems to me almost certain that in the next 10 years the strain will become almost unbearable.

How happy we should be that none of these crazes lasts very long. All the same, what is a carplike fish in three letters? I give it up. But upon my soul, I wish I knew.

The Census Bureau states that 378,068 children between 10 and 14 years old are at work in the United States. Children between 14 and 16 years old at work number 682,795.

# Our Annual GIFT of Roses

Your Sunset Collection is Now Ready  
*Beauties of the Garden*  
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The Cream of All Roses  
 Five Different Varieties  
 Five Glorious Colors

Each set contains five strong, hardy, one-year-old Rose bushes, averaging from 8 to 12 inches high.

Bushes will produce many fragrant flowers all summer. Beginning the first year, you will be proud of your Rose Garden. If you accept our liberal offer your garden will contain all varieties and colors—red, white, pink, crimson and golden yellow—all fresh blooming beauties growing in wonderful clusters beside the fence, along the walks, side of your house or porch. Imagine the pleasure of having great loads of beautiful flowers—as many as you want—any time you want them.

We matter in what part of the country you live the growers will send the bushes at the proper time to plant in your locality. You can depend upon us to forward them at just the right time for you to plant them in the ground.

You will receive the bushes, packed in damp moss, by prepaid parcel post, and we GUARANTEE that they will reach you in perfect condition.

The entire set is packed in one bundle and the Shipping Rates is labeled to guide you in planting in the proper location.

You will receive the bushes, packed in damp moss, by prepaid parcel post, and we GUARANTEE that they will reach you in perfect condition. Following are brief descriptions of the different varieties of beautiful ever-blooming rose bushes given you on this great offer. Please read them and remember to send in your order today.

By Special Arrangement with the largest and best known firm of rose growers in the world, we are enabled to give you five of the finest Hardy Ever-blooming Roses in cultivation—and to insure your COMPLETE success in growing them we will also send you special printed instructions on their planting and cultivation. There are five different varieties in the assortment and each of them is absolutely the PRIZE of its class, noted for its hardy, vigorous habit of growth, liberal blooming qualities, symmetrical form and bright, clean foliage. Each bush is one year old and in a GROWING CONDITION when delivered to you.

Do not compare these Roses with the large bushes that have been forced for cut flower purposes. The Roses we send you have not been forced and are the kind most desirable for planting. They will establish themselves in your garden much better than the large bushes which have been forced.

## Gems and Beauties of the Rose Garden

**BEST RED—W. C. GAUNT (Aix. Dickson)**—Of medium size, with pointed buds, with naturally reflexed guard petals of brilliant velvety vermilion, tipped scarlet. Stems rigid, habit branching, large oval, hessian-green foliage. Rich tea fragrance; very rich in color.

**BEST PINK—MARJORIE BULKLEY (H. T.)**—Of strong, free branching growth; buds long and rounded, opening into buff, heavily flushed with rose, and finishing into silvery-pink; of ideal habit, opening freely in all kinds of weather. Grand garden Rose. Awarded Gold Medal.

**PINK CLIMBING—ROSARIE, or PINK THOUSAND BEAUTIES**—This is a bright pink form of that famous Rose, "Thousand Beauties." A grand Rose from any standpoint. We want all of our floral friends to have this Rose. Wonderful in every respect and sure to please.

**BEST WHITE—EDEL (H. T.)**—Type, Florence Forester; bud very large; flower very large, double, well built, stately; opens well in all weather; sweet fragrance. Color white, with faintest ivory shading toward the base, passing to pure white. Foliage bold and distinct. Very vigorous grower; free bloomer.

**BEST YELLOW—LADY FLYING DUTCHMAN (Aix. Dickson)**—A most distinct and meritorious Rose of the "Souvenir de Pierre Notting" type whose delicate pearly but deep ivory-cream petals are very faintly flushed, giving it a most piquant finish that is difficult to describe. It is delicately pure tea perfumed. Awarded gold medal, N. B. S., and silver medal, Crystal Palace, London.



Should we find it necessary to change any variety, we guarantee that a Rose of the same color and equal value will be sent.

## OUR OFFER TO YOU

The five varieties of beautiful roses described above will be given with a one year subscription to Kansas Farmer and Mail & Breeze all for \$1.00, either new or renewal subscriptions will count. Be sure to call for the five roses when you order.

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# Sack of 25 Marbles

NOT A POTTERY IN THE BUNCH

Be ready when the Marble Season starts with a sack of 25 Flint Agates, every one a different color. This collection of Marbles is one of the best we have ever offered. Just what every boy wants. Each marble is a different color and in the right size for accurate shooting. When you kneel down to a game of Boston with a hand full of these marbles, they will attract the eye of every one of your boy friends. The minute the game starts they will be anxious to get a shot at your marbles. 25 Marbles come in a handy sack with a drawstring. The very thing to carry marbles in.

**Bouncing Buster Top Free With Every Sack of Marbles**

We want every boy reader of this magazine to have a sack of these Flint Agates. Send your name and address on a Postcard and we will tell you how you can get a sack of Marbles without costing you a cent.

To every boy who gets a sack of marbles we will also send as an extra prize, a Bouncing Buster Top and string. All we ask you to do is to distribute four packages of assorted Postcards on our special introductory offer. It's easy. You can do it in half hour. Send your name and address today.

THE MARBLE MAN, 28 Copper Building, Topeka, Kansas





### Antitoxin for Diphtheria

BY DR. CHARLES H. LERRIGO

An epidemic of diphtheria at Nome has aroused the interest of the whole world in the heroic efforts of men to carry antitoxin thru the desolate wintry wastes of snow and ice that shut Alaska off from the world at this season. Apparently everyone acknowledges the potency of antitoxin to do the work. The only question is, to get it to Nome.

There are many antitoxins which do not have anything to do with the treatment of diphtheria, so a better term to use for this great remedy is antidiphtheritic serum. One newspaper spoke of the men and dogs rushing diphtheria germs to Nome, but was greatly mistaken. The serum does not contain any diphtheria germs. It is composed of blood serum drawn from horses that have been inoculated with increasing doses of diphtheria toxin until their blood has grown strong in the qualities that antagonize the diphtheria germ, in other words, antitoxin. This horse serum is tested for strength by using it on guinea pigs, and is standardized so a certain quantity can be depended on to contain a definite number of units of antitoxin power. Then it is prepared so it may be injected safely into the human body. Ten thousand units is a common initial dose, and severe cases often get 60,000 units or more, so you can see that a million units might not control an epidemic.

The important thing is to administer the antitoxin before the toxin of the disease has gained ground. Three thousand units may cure if given the first day of the disease. A day's delay may demand 10 times as much serum, and then result in failure. Kansas readers please bear well in mind that delay is just as dangerous when within telephone call of the doctor as at Nome.

### Real Rest May Help

I am a man 73 years old, am short of breath and my heart bothers me. Have a numb feeling from my waist line down. Have been told I have sugar in my urine. I ought a great deal. I am weak all the time and have no ambition for anything. Please let me know what disease I have and if there is a cure. O. M.

The sugar in the urine points to diabetes, but I suspect the difficult breathing and the cough mean that you also have valvular heart trouble. It cannot be helped much by home treatment. You should have the very best medical care, and if possible the benefit of treatment at a sanitarium. No doubt you will get some improvement from the "rest treatment," which means absolute rest in bed and careful diet for several weeks.

### See a Good Doctor

I have much pain right in the end of my spine. It hurts when I sit down. When I am on my feet it does not hurt. I have suffered agony for five years. Please tell me if there is anything wrong or disgraceful about it. Can it be cured and how? What causes it? D. S.

This disturbance is not at all uncommon. The name is coccygodynia, a term used to describe pain in the coccyx, the name given to the last section of the spine. It may be due to injury, to neuralgia, or to rheumatism. You must have a careful examination by a good doctor to find the cause and remove it.

### Insulin is of Value

Please say if the new discovery for diabetes, insulin, is a sure cure. A.

I do not think insulin can be called a "cure" for diabetes, and no such claim is made by its advocates. Yet it is the most wonderful discovery ever made for the control of the disease. The effect of insulin is to help diabetic patients take care of sugars. It supplies a deficiency in their digestive ability. It is a splendid remedy, and in some early cases may result in cure. Every person who has diabetes should know about insulin.

### No, Not at All

M. M. Nothing to your suspicions. I cannot explain in the paper. Write me a letter with a stamped return envelope.

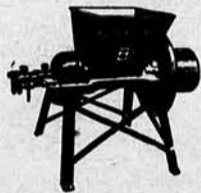
Basil Thomson, an authority on crime and criminals, claims that by broadcasting messages in search of criminals the police force is expanded by 100,000 pairs of eyes.

# Save work · Increase profits by using Fairbanks-Morse Products

**F**AIRBANKS, MORSE & CO. has been studying the needs of the farmer for over 60 years—actually finding out what type of equipment best fits the farmer's requirements. Those 60 years have been spent in improving the quality and lowering the prices of Fairbanks-Morse Products. Today, over a million farmers are using Fairbanks-Morse farm power equipment because it is the finest, most practical and lowest-priced line of its kind on the market.

These farmers base their judgment on what Fairbanks-Morse Products actually do for them. It's a question of getting the biggest value for the money. Every product described below will help to reduce the hard work on your farm and will enable you to make more money from farming.

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**"B" Feed Grinders**

Grind grain mixtures as well as any single grain. When grinding plates are worn on one side they can be turned and used again. Non-bridging hopper, safety flywheel, cutting knife adjustable from outside—extreme simplicity assures long life.

**Prices**  
No. 4.....\$11.00  
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**Home Light and Power Plants**

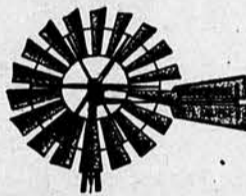
Both electric light and engine power from one plant at one cost. Engine power is available at belt pulley while

battery is being charged. Engine power alone or electric light alone at any time. Double utility at one low cost.

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No. 1 1/2 Plant.....\$325.00  
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All parts are completely enclosed and run in oil. Cut pinion and worm gear eliminate many parts. Crankshaft drop forged. All working parts machined to close limits. Simple, all-metal construction—built for a lifetime of service. Self-regulating. Quick down stroke, slow lift—actual pumping two-thirds of the time. Wheel is tilted to take advantage of slightest wind. Sizes: 8 ft. and larger.

Other Fairbanks-Morse Products are washing machines, electric motors, Fairbanks scales, a complete line of general service pumping equipment, pump jacks, power heads, etc.

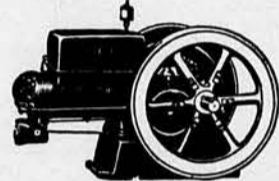


**Home Water Plants**

At an extremely low cost you can have water under pressure—hot or cold—in bathroom, kitchen, laundry, barn, watering trough—wherever you want it. The Fairbanks-Morse Home Water Plant operates automatically. There is an outfit to draw water from cistern, spring, shallow well or deep well.

120 gallons per hour capacity pump, 60-cycle motor, 8-gal. galv'd tank, complete \$84.75  
200 gallons per hour capacity pump, 60-cycle motor, 35-gal. galv'd tank, complete \$115.00  
Also larger sizes, for engine or electric drive, correspondingly low priced.

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**"Z" Engines**

Over 400,000 farmers use this engine because it is low in first cost, low in operating cost, and is absolutely dependable.

It is simple, sturdy and powerful. Has high tension battery or magnet ignition; suction fuel feed; positive lubrication; renewable die-cast bearings; parts subject to wear are hardened and ground; crankshaft, connecting rod and camshaft are drop forgings. More drop forgings and specially heat treated parts are used than in any other engine of this type. Highest quality obtainable—at the lowest price possible!

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1 1/2 h. p. bat. equip. \$ 48.50  
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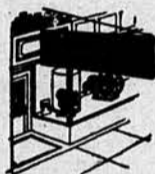
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Without any obligation on my part, send free descriptive literature and complete information concerning the items I have checked below:



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- "Z" Engines
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as low as 3¢ per single roll

**82 Cents Papers a Whole Room!**  
We mean that 82 cents buys paper for a whole room 10 x 12 feet, side walls, border and ceiling!

That is an example of Wall Paper prices at Ward's, where Wall Paper is sold without the usual "Wall Paper Profits." It means that Wall Paper can now be bought for one-half the prices you have known.

**Re-Paper your home for a few dollars**

Why any longer have a dingy, faded wall? Paper costs so little at Ward's. The

Write for this free book. See how little it now costs to re-paper. You can even hang the paper yourself. The sample book tells you how.

Address our house nearest to you. In writing be sure to ask for Wall Paper Sample Book No. 40-W.

sample book shows papers for the whole house at amazingly low prices. Paper for the entire house at these low prices:

Entire Bed Room...\$ .82 to \$1.50  
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**Over 100 free Samples in this big Book**

These are actual samples of large size. Samples of every grade of papers—tapestries, fabrics, all-overs and stripes. Everything that is new, everything that is pretty.

**Send for FREE Sample Book with over 100 actual samples**

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The Oldest Mail Order House is Today the Most Progressive  
Chicago Kansas City St. Paul Portland, Ore. Oakland, Calif. Fort Worth

### Look Out, Spud Growers!

Here's a tip to Kaw Valley spud growers, and it is supplied by the United States Bureau of Agricultural Economics. Low prices for potatoes, the bureau believes, are likely to result in too small an acreage.

"Many growers, including even some who are producing potatoes at a low cost, have been unduly discouraged by the prices paid in many localities for the 1924 crop. Such growers should bear in mind that much less than the usual acreage of potatoes was grown in 1924, and that the exceptionally heavy production was quite largely the result of remarkably favorable weather. On the other hand, the planting of such a large acreage of potatoes as that of 1922 would be a great mistake, for altho a yield as heavy as that of 1924 may not be had again for a number of years, there is reason to expect future yields to average substantially higher than in the past.

"Potato growing is in a state of transition. A steadily increasing proportion of potatoes raised for sale is being produced by growers who have an acreage large enough to justify improved machinery for cultivating, spraying, digging and grading the crop. A growing proportion of the acreage is being planted in those sections where the average yield is high. A greater emphasis than formerly is being placed on seed improvement, seed treatment, and the use of fertilizers. The better quality of the product, increased yields and the use of improved equipment are increasing the number of bushels of marketable potatoes which the larger growers can produce with a given amount of labor. The more efficient growers are reducing the cost of production. In the long run this will reduce the profits of growers who raise potatoes for sale in quantities too small to justify the purchase of efficient equipment.

### Trouble's With the Teeth

I have a coming 3-year old filly that has an enlargement on each side of her nose. I thought it came from the caps of the teeth, and I called a veterinarian. He said it would go down, but I can't see any change. The colt is fat and her hair is in good condition. What shall I do?  
Duquoin, Kan. A. C. Eaton.

At 3 years old the caps usually come off the permanent teeth of a horse. There is, at that time, grave danger that a slight infection may get up to the roots of the permanent teeth, so they will become inflamed. The roots then become swollen, and this manifests itself as swellings on each side of the face and along the nose. This is the trouble with your colt.

So long as the swellings do not increase and do not seem to bother the colt it is best to leave them alone. They will gradually become smaller as the years go by.

If there is a sudden increase in the size of the swellings or if they seem to give the animal much pain it is evidence that pus has developed at the root of a tooth, and this would necessitate its removal. It is a major surgical operation to remove a grinding tooth in a young horse.

K. S. A. C. Dr. R. R. Dykstra.

### Callahan is Busy Now

J. F. Callahan, Osawatomie, regulates his time of working and eating by the programs he picks daily up from the air. He received a large radio receiving set, equipped with a loud speaker, as a Christmas gift from his sisters.

Since Christmas, Mr. Callahan has his noon meal at 12:30, and before he sits down to the table he tunes in on the agricultural program broadcast from Manhattan. He says he is getting a great deal of valuable information from these programs.

"A radio certainly plays havoc with a farmer's time," Mr. Callahan remarked. "Last night I tuned in on such a good program from Elgin, Ill., that I sat up until 1 o'clock listening to it."

### Gained 46 Pounds a Month

William Burton of Bazaar, a member of the boys' calf club of Chase county, secured a gain of 46 pounds a month for 16 months on a Hereford calf he was feeding. It was sold on the Kansas City market recently for \$12 a hundred when it weighed 1,170 pounds. The calf was purchased by young Burton from S. H. Baker at Bazaar. It had been fed a ration of corn chop, bran, alfalfa hay and cake, and grazed in the summer.

James Yeager, another Bazaar boy, sold on the Kansas City market the same day a Shorthorn calf for \$10.25 a hundred which he had fed for six months that weighed 915 pounds. The gain on his calf was 295 pounds.

### A Free Paper for You

Collect a dollar of your neighbor for the Kansas Farmer and Mail and Breeze and send it to us and your own paper will be credited up a year.

A wolf hunt was held recently near Chester, in which six wolves were killed—one had a leather collar around his neck bearing the initials H. M. A.

## Gift of 3 Beautiful Ferns



Absolutely Guaranteed to Reach You in Fine Growing Condition

Of all indoor foliage plants, none give more lasting pleasure and satisfaction than these popular house ferns. They need but little care and live indefinitely, growing larger and more beautiful year by year. The collection offered you here comprises three of the handsomest varieties ever grown for house culture. They are the:

**ROOSEVELT FERN**—The grandest fern of its class yet introduced. It resembles the world famous Boston Fern, but produces twice as many wide, drooping fronds, and the pinnae are beautifully undulated, giving a pronounced, wavy effect seen in no other variety.

**OSTRICH PLUME FERN (Whitman)**—One of the most wonderful and beautiful plant introductions of the present age. This new sort is a sport from the well known Boston Fern, the habit of growth being the same but with the pinnae being divided, as are the fronds. A matured plant has a beautiful feathery appearance and we think it is one of the grandest of decorative house plants.

### Send a Set to Some Friend

#### ASPARAGUS SPRENGERI

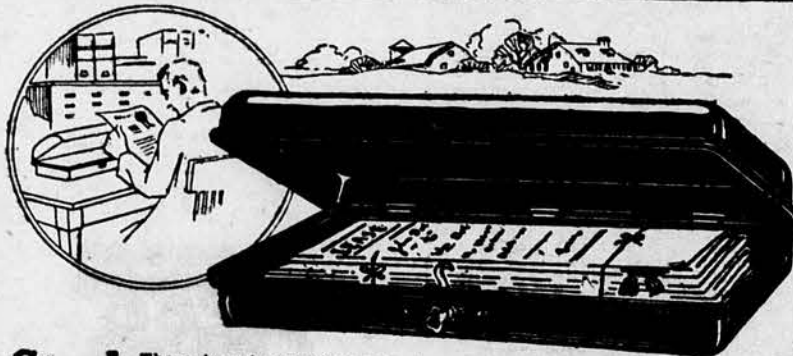
A most desirable species, especially useful to grow as a pot plant for decorative purposes or for planting in baskets or vases. Fronds are frequently four feet long, of a rich shade of green, and most useful for cutting, retaining their freshness for weeks after being cut. It will make an excellent house plant, as it withstands dry atmosphere and will succeed in almost any situation.

As a gift, flowers and plants outrival all others, for they are not made with human hands. "Say it with flowers." When we are saying it with flowers we are conveying messages of affection or sympathy, speaking a language of the heart—a language that can express no bitter word or unkind thought. When we say it with flowers, we speak in kindly voice with never a trace of impatience or harshness. Let us always, therefore, "say it with flowers."

### GIVEN TO YOU

The three beautiful Ferns described above will be given with a one year subscription to Kansas Farmer and Mail & Breeze, all for \$1.00. Either new or renewal subscriptions will count. Mention the three Ferns when you order.

KANSAS FARMER AND MAIL & BREEZE, TOPEKA, KANSAS



**Steel Document Box** There is not one of us who has not some valuable papers of some kind. They may be Fire, Life Insurance, Notes, Deeds, Wills, Mortgages or papers of a personal nature that need a place of safe keeping so that they will not be damaged by fire or mice. This Safety Box constructed of Bessemer steel which is pressed and formed into shape by heavy dies, has a very substantial lock and two keys. The box will last a life time and is especially valuable to farmers, as a great many of them have no place to keep valuable papers. Remember, you cannot afford to take the chance of having some of your valuable papers damaged by mice or destroyed by fire when one of these Steel Safety Boxes can be secured so easily.

**SPECIAL OFFER** In order to get our friends who are now reading Capper's Farmer to introduce our paper in the homes of their neighbors, we will send this Safety Steel Box postpaid for a club of four 1-yr. subscriptions to Capper's Farmer at 25c ea. One of these may be your own renewal.

CAPPER'S FARMER, TOPEKA, KANSAS

### To Thriftville and Comfort

After you read your Mail & Breeze, hand it to a neighbor who is not a subscriber. He, as well as you, can profit by the experience of others engaged in similar work.



Let the Punishment Fit the Crime

## You'll Need Extra Money

To Doll Up the Home For Spring and Summer



Every woman discovers, when spring house cleaning time comes, that a few dollars above the regular weekly income should be spent to brighten up the home. Maybe it's some new curtains or shades; possibly a set of dining-room chairs or a coat of inside paint—anyway it will cost money. Are you looking for an opportunity to make the necessary cash that will be required?

### Earn Some Cash Each Week

We have a plan that will enable you to add five or more dollars to your income each week. You may work part time or full time. Free information given on request.

CLIP AND MAIL COUPON TODAY

The Capper Publications, Desk 1000, Topeka, Kansas.

Gentlemen: Please send me free information regarding your plan whereby I may earn money in my spare time.

Name.....

Address.....

The Farniscope

First Hand Knowledge

Walter Baugh: "There are an awful lot of girls that prefer not to marry." Elda Hill: "How do you know?" Walter: "I've asked them."

Modern Women

"Help, help!" Father over banister: "What's the matter, Helen?" Excited male voice: "It ain't Helen that's calling for help."

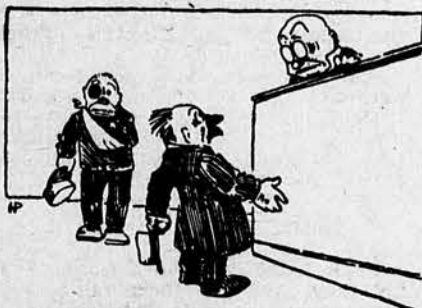
The Comic Muse

Cables report that "Deutschland Ueber Alles" is again being sung in Germany's leading beer-halls. Very suitable place, we'd say, for comic songs.

The Owl

An Englishman heard an owl for the first time. "What was that?" he asked. "An owl," was the reply. "My dear fellow, I know that, but what was 'owling?'"

Mistaken Identity



Judge—"You are charged with running down a policeman. What have you to say for yourself?"

Motorist—"I didn't know he was an officer, your honor; I thought he was just a pedestrian."—New York Sun.

A Quick-Change Artist

Beggar—"Ah, ma'am, I wasn't always blind!" Lady—"No. Yesterday you were deaf and dumb!"

Teutonic Habits

"You treat your landlord as if he were a German!" "Well, for four years he has refused me any reparations."

A Conservative Estimate

It is estimated that there are 128,642 born leaders in America who have no followers and therefore despair of the American people.

Seizing Her Opportunity

Husband—"When I married you out of the chorus, I didn't expect you to nag me all the time." Wife—"Well, you see, this is my first speaking part."

The Frightful Sex

Husband—"What on earth do you look like, with your hair cut short like that? You're a fright!" Wife—"You're right. I look a good deal like a man."

Up to Her

Nervous Woman (to persistent beggar)—"If I give you a piece of pudding, you'll never return, will you?" Beggar—"Well, lady, you know your pudding better than I do."

Evenly Matched

"So you dare to say, you are an ideal match for my daughter," said old Gotrox. "I do, sir," replied the cheeky youth. "Why, you have never earned a dollar in your life." "Neither has she."

They Want to Move

Speaking of our international relations, it seems as tho a lot of them would like to come over and live with us.

Up-to-Date

"How did you like my sermon Sunday?" asks the modern clergyman.

"I couldn't get you," replies the radio churchgoer. "Too much theology?" asks the minister. "No," replies the radio lost sheep; "too much interference."

Preparing for the Inevitable

He—"What's the idea of dating this letter the 14th, when it's only the 10th?" She—"I'm going to ask you to post it for me, dear."

Not on the Cards

Voter—"Congratulations. You certainly made yourself clear on the liquor question." Politician (startled)—"Did I?" "You sure did, sir." "Heavens! What a blunder!"

The Cheery Heart

Let poets sing their lilted song, And gaily smite their lyre, Give me the man who whistles while He's putting on a tire.

Voiceless Voices

Money talks, but the vocal chords of the mark and ruble are paralyzed.

The Alabama Market

WANT TO BUY—A Ford. What have you for \$50? Box—, care Register.—Classified ad in the Mobile Register.

Circumstantial Evidence

"I have a new baby brother." "Is he going to stay?" "I think so. He has all his things off."

Born to Trouble

A man is but a worm of the dust—he comes along, wiggles about a while and finally some chicken gets him.

We Like Our Neighbors

BY L. B. REBER

I want to write about my neighbors. You see, whenever other topics fail we can always talk about our neighbors. On one side I have a neighbor who is an old gentleman. I did not raise any small grain last year, so I had no straw. After this neighbor threshed he insisted that I bring over my wagon and load on all the straw I could get on one load. He even did not like it because I refused to come back for another load. No, he did not want any pay and would not take any.

Across the road I have another neighbor. When I had a tough piece of plowing to do he brought over his big team and heavy plow, helped me make two rounds, then handed over the lines and told me to bring back the team when I got thru. We borrow each other's tools and help each other whenever we have an emergency job. On the other side I have another neighbor. These folks are younger and have passed thru the same struggle wife and I are passing thru to get a start. He gives me grape plants, strawberry plants, and a lift whenever I need one. Naturally I try to return these favors whenever possible.

A short distance down the road I had another neighbor. He took sick a year ago before he had his corn husked. The men gathered at his place, husked his corn and cribbed it. The poor fellow died a week later, and the funeral procession was long.

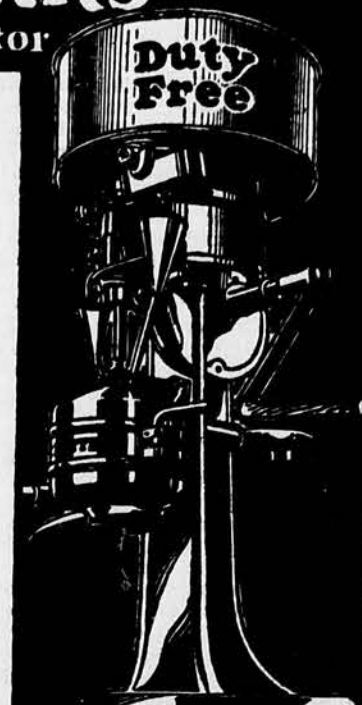
Late last fall another neighbor was killed in an automobile accident. His children are too small to do the farm work. The men gathered at his place two weeks ago and trimmed every bit of fruit on the place. The women came with great baskets full of good things and served a fine dinner at noon.

When I was a boy at home, the folks lived for a time in a third story flat. One day I looked out of the window and saw a hearse drive up and stop. They carried away the body of the woman in the flat beneath us. We did not even know that she had been sick. There were no services at the home, and no funeral procession, they simply loaded her in and drove off while the weeping family followed in the rear. I never knew her name or how she died.

This isn't a fairy story; there is no moral attached. There is only this resolution: I shall stay on the farm a while longer. I like neighbors. If you think your's are good, just come and take a look at mine. I like them.

Don't Pay For Four Months after you get the Separator

We will send an imported Belgium Melotte Cream Separator direct to your farm and you don't pay us a cent for 4 months. We will make this offer because we know there is no other separator in the world equal to the Melotte and we want to prove it to you. Use it just as if it were your own machine. Put it to every possible test. Compare it with any or all others.



Belgium Imported Duty Free Melotte

Self-Balancing Bowl

The Belgium Melotte contains the famous single-bearing, self-balancing bowl. This patent Bowl hangs from one frictionless ball bearing and spins like a top. It skims as perfectly after 15 years of use as when new. Positively cannot ever get out of balance—cannot vibrate and thus cause cross currents which waste cream by re-mixing with milk. Turns so easily that bowl spins 25 minutes after you stop cranking unless brake is applied. No other separator has or needs a brake.

Send Coupon!

Mail coupon for catalog giving full description of this wonderful cream separator and the extraordinary 4 months offer. Don't buy any separator until you have found out all you can about the Melotte and details of our 15-year guarantee. Don't wait—be sure to mail coupon TODAY!

The Melotte Separator H. B. Babson, U. S. Manager, 2843 W. 19th St., Dept. 29-82 Chicago, Ill., 2448 Prince St., Berkeley, Calif.

Form for requesting Melotte Separator with fields for Name, Post Office, County, State, and How many cows do you milk?



A Cow is as good as her Udder

NO matter how good the general scaling points of a cow, the udder and teats will always be the key to her profit-making value. It pays to watch carefully these delicate tissues and keep them free of the slightest disorder.

Let Bag Balm be the guardian of the "profit-zone" of your cows. This great healing ointment gives quick results in clearing up chapped or cracked teats, cuts, bruises, inflammation, bunches, Caked Bag—or any abnormal condition of udder or teats.



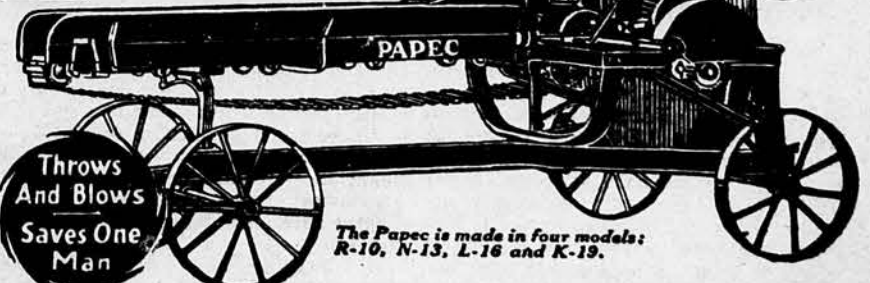
Keep Bag Balm on hand the year round. It will prove the best investment you ever made. Big 10 ounce package, 60c—at general stores, feed dealers, druggists. Order direct if dealer is not supplied. DAIRY ASSOCIATION CO., Inc. LYNDONVILLE, VT.

BAG BALM MADE BY THE PEOPLE

PAPEC The Cutter that doesn't clog

Blows any height with less power and less labor. The positive Self-Feed saves one man and increases capacity. Simple, rugged construction assures long life with few repairs. Many are to get at and adjust. There are no worries and no delays when you put a Papec on the job. Over 50 distributing centers assure quickest service. Prices low for quality.

Write for 1925 Catalog, stating size of silo. We will also send U. S. Govt. Bulletin "Making and Feeding of Silage." PAPEC MACHINE COMPANY 124 Main Street Shortsville, N. Y.



Throws And Blows Saves One Man

The Papec is made in four models: R-10, N-13, L-16 and K-19.

# Coolidge Picks Bill Jardine

## K.S.A.C. President Goes to Washington as Secretary of Agriculture

BY M. N. BEELER

THE wheels of industry must be kept turning that labor may be fully employed that it may buy more food from the farmer." That is the way Bill Jardine, President Coolidge's new Secretary of Agriculture, expressed the interdependence of industry, business and agriculture as the Junction City local pulled out of Manhattan.

"I shall devote my efforts to co-ordinating the energies of the Department of Agriculture with the work of other governmental departments," he continued, "and then I shall try to bring about a better understanding between business men and farmers, just as I have tried to do here in Kansas. Neither business nor labor fully understands its responsibility and dependence on agriculture, nor has either of these groups acquainted itself with the problems of farmers."

Orderly marketing and orderly production will be his long time program for the betterment of agricultural conditions. His campaign of education among the business interests will have that end in view.

"It is just as important to have a national and state program for agricultural development as it is for a farmer to have a program for his own farm," he said as the "local" pulled into Wamego. "Orderly marketing and orderly production are the only practical methods of eliminating the demoralizing surpluses and to avoid the wastes between producer and consumer."

"Orderly marketing is not possible without orderly production, which is dependent on trustworthy information of world conditions and probable output of farm commodities. It shall be my aim to get information about his business to him in such form that he can interpret and use it. He should be as fully informed about world conditions in his affairs as big business is. The Department of Agriculture is. I can function fully in that way, and I intend to see that it shall. It will be necessary to have the co-operation of all groups—business, industry and agriculture—but I believe that can be had."

### 110 Million Folks to Feed

"The tariff wall as it affects agriculture must be made effective. That is the only policy to follow for many years to come. We are importing some farm commodities which we could very well produce at home. On the other hand we are producing some which will not be able to compete with foreign goods for years to come and may be never. Our tariff policy must be flexible to meet the needs of American agriculture."

"I am tremendously interested in the home market for farm products. We have 110 million people to feed. That constitutes our greatest outlet, and a profitable production program must be based on the needs of consumers at home."

In discussing the ills of present marketing methods, Mr. Jardine expressed full approval of Secretary Hoover's recommendations on the elimination of waste.

"Equipment, labor, transportation and everything else involved in delivering commodities to consumers is too expensive to tolerate low quality products. They do not bring enough. It costs no more to ship a choice or good steer to market than a common one. No. 3 wheat is just as expensive to produce and deliver as No. 2 wheat, yet the difference in price is considerable."

### Extra Price For Quality

"The extra price received for products of better quality will pay the interest on an extra valuation of \$75 to \$100 an acre. Farm land in Kansas which, back in 1900, was valued at 500 million dollars was worth about five times as much 20 years later, yet in that time the quality of the average run of cattle is little better than it was then, and some authorities believe it is not so good. Wheat yields have not increased in that time. Dairy cows

could be made to produce from a half more to twice as much by selection, breeding and other methods well known to breeders. We need more cow testing associations to aid in dairy improvement. At least half of the Kansas wheat could be brought up to No. 2 grade at very little expense.

"Here's the difficulty," he remarked as the train was entering North Topeka. "We are producing the same yields of crops and animal products of little better or of the same quality that we produced 25 years ago, and our land has increased in value five times since then. I believe it is as much the function of the Department of Agriculture to assist in remedying such conditions as it is to call atten-

a freshman in college. One daughter, Marion, 14, is in high school, and the other, Ruth, 9, is in grade school.

He owns a farm in Idaho and another just west of Manhattan in the river bottom, which has been operated under his direct supervision.

### Easy on Sweet Potatoes

Don't let high prices for sweet potatoes lure you into planting a bigger acreage this year. That's the caution emanating from the United States Bureau of Agricultural Economics. Here's why: "Present prices are due more to low yields in 1924 than to a short acreage. An increase of more than 10 percent over the 1924 acreage with an average yield is likely to produce more than can be marketed profitably."

"The trend of per capita production of sweet potatoes has increased from the pre-war average of 0.6 bushel to an average of 0.94 bushel for the five-year period previous to 1924. In 1922, when the crop averaged slightly more than 1 bushel a person for the United States, the high point of profitable production per capita was passed, for

four years ago is \$7,442,481.83, and from 1921-22 is \$4,142,551.02.

The amount expended in 1919 was \$8,171,642.53, and \$9,936,335.42 in 1921.

In 1920 the expenditures were \$9,300,385.82, while in 1922 they were \$10,835,574.74.

The unexpended balance for 1923 was \$2,622,494.09 and for 1924 it is \$2,233,100.38. The balance from the soldiers' bonus appropriation, included in the 1924 balance, is \$114,314.81. The balance for 1919 was 1,309,001.12; for 1920 it was \$1,363,008.25; for 1921, \$1,841,823.03, and for 1922, \$3,238,026.87.

Schools and charitable and penal institutions consumed the greater part of the appropriations. The expenditures for schools in 1923 totalled \$5,076,045.06, and in 1924 they were \$5,595,134.81. In 1923 the charitable institutions used \$1,572,651.63, and in 1924, \$1,553,526.50. The penal institutions spent \$1,393,829.64 in 1923 and \$1,432,601.80 in 1924.

The amounts expended by the five big state schools in 1923 were: Kansas University, \$1,613,628.25; Kansas State Agricultural College, \$1,319,799.24; Emporia Teachers College, \$291,839.23; Pittsburg Teachers College, \$829,318.99; Hays Teachers College, \$147,327.33.

The amounts spent by schools in 1924 were: Kansas University, \$1,634,277.49; Kansas State Agricultural College, \$1,248,745.57; Emporia Teachers College, \$307,302.24; Pittsburg Teachers College, \$307,300.21; Hays Teachers College, \$163,189.73.

The total appropriations for 1924 were \$43,551,205.61 (including \$29,092,780.96 soldiers' bonus); for 1923, \$15,197,315.79; for 1922, \$14,073,601.61; for 1921, \$11,778,158.45; for 1920, \$10,663,454.07; for 1919, \$9,480,643.65.

### Sitting in the Light

Uncle Ezra remarked the other day: "If they ever get them radiographs working so they can get pictures of the insides of men's minds this world will go forward on high. For there is no use arguing that a fellow 'cleans house' whenever he's exposed to the public."

### The Regiers Paid Up

Paying farm bureau dues became a family project in Alta township, Harvey county, last month when the Regiers marched up with their membership. A. B. Kimball, county extension agent, reported in his February news service that Sam Regier, C. A. Regier, Jacob R. Regier, John R. Regier, Gus Regier, George Regier, L. W. Regier and Theodore Regier had paid since the last report. There are some other members in the township, too, because H. M. Lorentz, C. L. Wall and C. D. Kauffman paid dues during the same period.

### But When 2,000 Comes?

All Europe confidently expected in 1000 A. D. to see the world come to an end with a bang. It was obsessed by that fine round figure—1000. Only a few misguided people sold their property expecting the world to end in February, 1925, and why should they? But in another 75 years, when the year 2000 is ushered in, there will be another fine round figure to conjure by.

### A Membership of 254

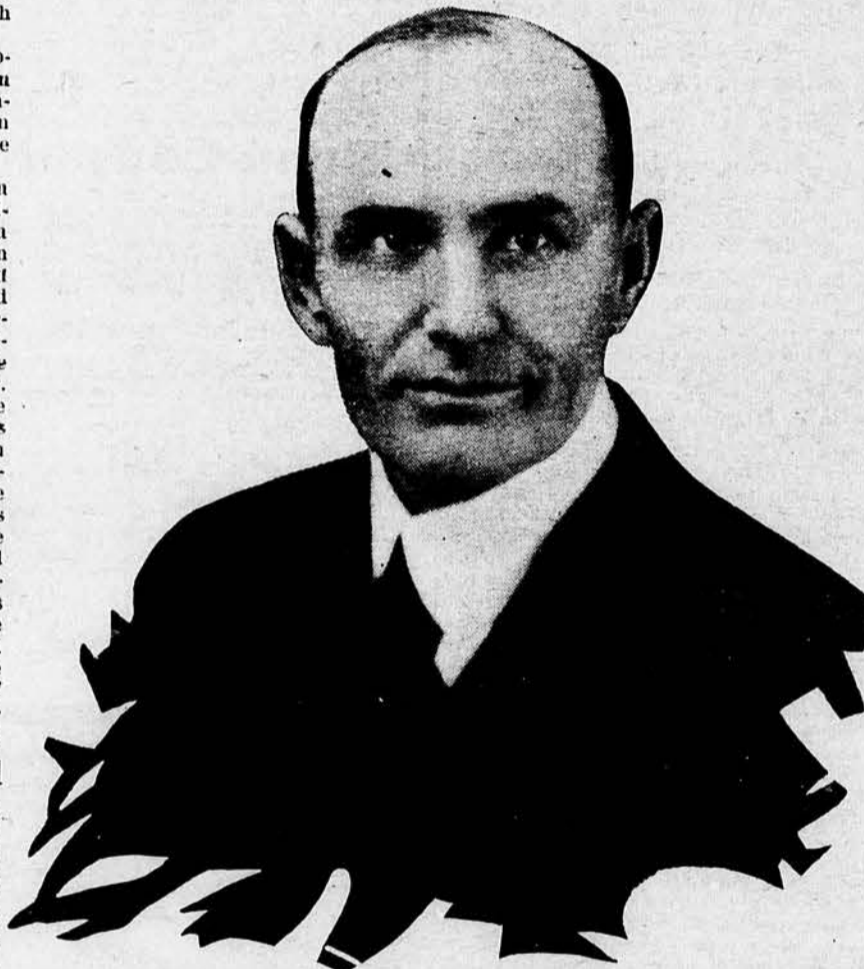
The Farm Bureau in Ford county has a paid up membership of 254. H. L. Hartshorn, Ford; H. B. Wood, Dodge City; and Julian M. Hulpien, Dodge City, last year's officers, were re-elected at the annual meeting recently. Harold Patterson, 4 miles south of Ford, won the 5-tube Neutrodyne radio receiving set, offered by the Farm Bureau in its membership campaign.

### Our Best Three Offers

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

### Up to \$59,974,044

Exports of agricultural machinery for 1924 from the United States amounted to \$59,974,044.



W. M. Jardine, President of Kansas State Agricultural College, Who Becomes President Coolidge's New Secretary of Agriculture

tion to them. My plan is to eliminate the class consciousness of the different groups of our American life, and to get them all to working for the fundamental improvement of agriculture, business and industry."

### To Kansas in 1910

William M. Jardine has been president of Kansas State Agricultural College since 1918. He was born on an Idaho ranch in 1879. Because he was the oldest son in the family the responsibilities of the ranch fell on his shoulders. He was graduated from the Utah College of Agriculture in 1904, and was agronomist at the Utah Agricultural Experiment Station from 1905 to 1907, when he went to the United States Department of Agriculture. He came to Kansas in 1910 as agronomist at the division of agriculture and director of the experiment station in 1913.

He assisted in the organization of the International Farm Congress, was president of the body for one term and a director 12 years. He is a member of the board of governors for the Food and Research Institute and of the National Research Council. He was made a member of the President's Agricultural Conference when it was named last fall.

Mr. Jardine was married in 1906. His oldest child, William N., is 16 and

prices dropped so low that the acreage the next year was sharply reduced. Probably, under present conditions, production can be increased to about 0.95 bushel per capita before sweet potatoes become less profitable, on the average, than competing crops.

"The increased consumption of sweet potatoes is due partially to a lengthening of the consuming season and a reduction of losses in storage by the development of improved methods of curing and storing the crop, and partially, as with vegetables generally, to the higher standard of living of a large part of the population."

### Here are the Costs

Expenditures for the Kansas state departments and institutions, exclusive of the state bonus, were \$235,182.02 lower in 1924 than in 1923, according to the biennial report of Norton A. Turner, state auditor. The expenses for 1923, according to the report, were \$12,574,821.10, while those for 1924, exclusive of bonus, were \$12,339,630.08. The amount expended in the administration of the soldiers' bonus for 1924 was \$28,078,466.15, making a total for 1924 of \$41,318,105.23.

The cost of operating state institutions and departments, exclusive of the soldier bonus, for the biennium of 1923-24 showed increases from 1919-20 and 1921-22.

The increase from the biennium of

# Go to California NOW!

## Not Three Years from Now

Opportunity awaits you in California now. Farming there yields greater rewards both in money and in happiness. The smiling, kindly climate of California means more than physical comfort. It has a great economic value. Because of it you can work out doors twelve months a year. You can grow more kinds of crops there than in any other state.

The water supply, a double irrigation system is infallible, and there is never too much water as during rainy seasons in non-irrigated countries.

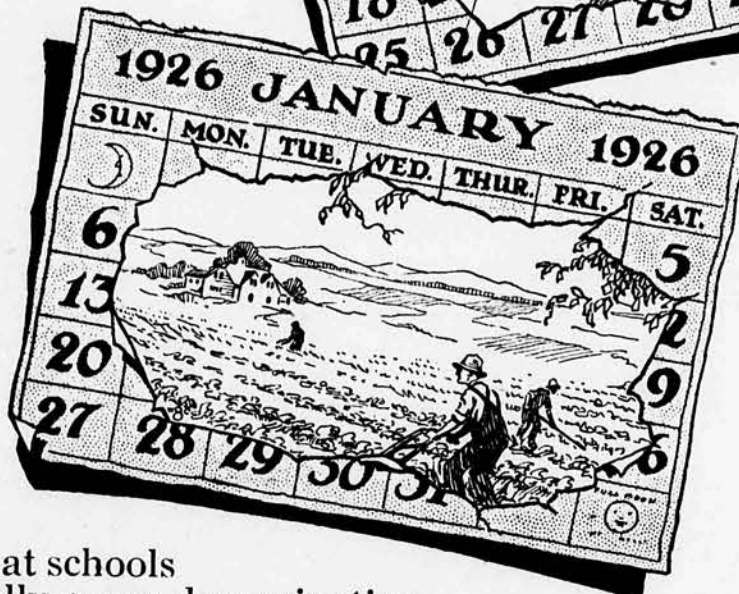
The soil is a fine, deep silt, filled with decayed vegetable matter, very fertile and easy to work.

There are good roads, railroad, and automobile stage service, electric power, creameries, good stores, women's club and fine social life.

By way of education there is the best that schools have to offer, and churches of practically every denomination.

The scenery, mountains on the interior side and the great Pacific only a few hours ride to the west, makes for pleasant vacationing and everyday life.

The crops, the markets, the methods that produce success are all established. There are no experiments to perform. Expert guidance stands behind the new arrival and helps him make his place as good as anyone's.



You are snow bound this winter, your soil frozen solid, but a year from now you can be harvesting crops in James Ranch. You make money there every month of the year.

## State Inspected—State Approved—State Certified Lands

### James Ranch a State Approved Project

James Ranch, where this land lies, is a tract of 27,000 acres in Fresno County, California. Approximately 15,000 acres are still available in small tracts for those seeking an opportunity to buy into a going proposition.

The James Ranch project has been submitted to the State Real Estate Commissioner and approved by him. The law gives him the right to investigate title to the

land; ability of owners to convey title to purchaser; farming quality of soil; suitability of crops proposed to be raised; sufficiency of water right for irrigation; reasonableness of price for water used, and to censor advertising matter published in trying to get settlers.

Now is the time to go to California for real good land is not easy to get these days.

#### Twice As Prosperous

Young California now stands eighth in population among the states. It is first in the number of passenger automobiles. It is fourth in crop values and fourth in total wealth. It has just twice the savings bank deposits per capita as the rest of the United States.

If you are even fairly successful now and have a moderate nest egg to start with California offers a better living.

The California farmer is the most prosperous in America. According to the 1920 census, the average single farm in the United States produces \$2,300 worth of all kinds of produce and livestock. The average California farm produces \$5,000 worth—more than twice as much.

#### Join An Excursion to James Ranch

Excursions to James Ranch, Fresno County, California, are planned for the purpose of allowing interested home seekers the opportunity of seeing the land and what it offers at the least possible expense before they buy. Or if you do not happen to be going at the time an excursion is planned Mr. Herman Janss, managing director, will secure for you all possible advantages in transportation. Just let him know that you would like to see James Ranch and when. We are anxious that you see it. We urge you to go for we know you will want land in James Ranch once you have seen it.

There is a big chance for building comfortable homes and becoming financially independent on James Ranch, but as everywhere else it takes work to accomplish such results. We want only farmers who are in earnest and willing to work. If you can stock and equip your place and really want to succeed write to the Managing Director, Mr. Herman Janss. Ask him anything you want to know and he will be glad to answer you. Your banker can ask any banker in Los Angeles, San Francisco or Fresno about him.

**Herman Janss**  
James Irrigation  
District Lands



1107 Transportation Building  
Chicago, Illinois

#### James Ranch "All the Year 'Round" Crops

Dairying  
(local creameries collect milk and butter fat at farms)

##### Livestock

Hogs  
Poultry  
Fruits  
Alfalfa  
Barley  
Oats

Milo Maize  
Potatoes  
Beans  
Table Grapes  
Raisins  
Prunes  
Peaches

James Ranch offers a real opportunity for practical farming. The price of the land is based on what it will produce. No additional charge is made because the soil is located in California. Farmers on river bottom lands are prosperous farmers.

# Wheat Has Made the Grade

## Maybe We'll Have Another Good Crop on the 10 Million Acres in Kansas

WHEAT evidently is going into the spring with the minimum of scars from winter damage. There likely is a Hessian fly outbreak due a few weeks from now, but still the position of the crop can be described as favorable. Here's hoping it remains that way!

But the immediate problem is oats sowing. A good deal of work has been done on many farms blessed with dry fields, so far as corn stalk cutting and disking go. And the folks in Northern Kansas have finally got all their corn husked! Goodness knows it was time! There has been considerable kafir threshing, too, with prices ranging from \$1.70 to \$1.90 a hundred.

The livestock market is quiet. The mad scramble to unload hogs is over, and rising prices for bred sows have been a feature of the week. There is some inbound movement of the first carloads of stocker and feeder cattle. Cattle generally are coming thru the winter in good condition. And the old hens are taking the job of laying a little more seriously; they don't look on it as an academic problem so much as they did a month ago.

County reporters say:

**Barber**—The last week has been warm, and roads are improving. There is sufficient feed, and livestock is doing well. Wheat came thru the cold weather undamaged. Some ground is being prepared for spring crops. There have been no public sales. Wheat, \$1.75; kafir, 50c; eggs, 29c; cream, 35c.—J. W. Bibb.

**Barton**—Roads are improving, but fields are muddy. Conditions are excellent for growing wheat. Farm work consists of chores and caring for incubators. Livestock requires a great deal of feed, but is doing well. Wheat, \$1.76; corn, \$1.12; hens, 17½c; butterfat, 31c; eggs, 30c; hogs, \$9.75; steers, 6½c.—Elmer Bird.

**Bourbon**—We had a thunder shower recently, which turned to snow, and developed quite a storm. There has been a little more life in the milk market lately. Hogs are scarce. Occasional public sales are held and prices are satisfactory. Eggs, 30c; cream, 34c.—G. A. Van Dyke.

**Cheyenne**—The weather recently has been mild and favorable. Most of the snow is gone from fields and wheat is green. Prospects for a wheat crop were never better than now. Roads are in bad condition and traffic is hindered. The feed shortage will be relieved as soon as wheat fields are dry enough to pasture. Wheat, \$1.77; corn, \$1.05; barley, 85c; hens, 14c; springs, 13c; eggs, 45c; alfalfa hay, \$20.—P. M. Hurlock.

**Clay**—Mild weather has taken the frost from the ground, and some farmers are planning to plow for oats. Wheat is dormant. Hogs are scarce. Corn, \$1.10; seed oats, 85c; hogs, \$9.75; flour, \$2.65; bran, \$1.60; shorts, \$1.80; butter, 30c; butterfat, 33c; eggs, 26c.—P. R. Forslund.

**Cloud**—With plenty of moisture and mild thawing weather the ground is in excellent condition for spring crops. There is plenty of feed and livestock is doing well. Horses are in demand and are bringing fair prices. Wheat, \$1.70; corn, \$1; cream, 34c; eggs, 30c.—W. H. Plumly.

**Cowley**—Farmers are preparing for spring plowing under ideal conditions. Wheat is coming out well. Oats sowing will start this week. Some farmers are delivering cane and kafir seed. Livestock commands good prices at public sales. Pastures are being leased. Cane, 85c; kafir, \$1; corn, \$1.10; eggs, 28c; cream, 31c; cows, \$15 a head.—H. T. Fromm.

**Dickinson**—We have had rain and snow during the last week and the ground is wet and roads muddy. The temperature is freezing nearly every night. Wheat which was started well last fall looks good. Some hogs are being shipped. Farmers are cutting wood and feeding livestock.—F. M. Lorson.

**Elk**—Recent favorable weather conditions have been a relief from weeks of ice and sleet covered fields. Wheat got a setback, but is showing signs of life. No winter plowing has been done. Some corn has not been husked. Corn, \$1.15.—D. W. Lockhart.

**Ellsworth**—Ten days of thawing weather has brought early sown wheat to life. Growers report that wheat is well rooted, but must have favorable weather. Hardly any old wheat is left in bins.—C. L. Danner.

**Grant**—A recent snow provided much needed moisture. The weather is mild and snow is melting rapidly. Grant county land is beginning to sell again, and real estate men are looking for a boom. Public sales bring fair prices for livestock. Wheat, \$1.75; corn, \$1.05; milo, \$1.80; kafir, \$1.70; hens, 15c; eggs, 25c.—E. A. Kepley.

**Gray**—Weather conditions are excellent, and wheat prospects were never better. Few farmers have any wheat on hand. There are few public sales, but prices are good. Corn, \$1.05; wheat, \$1.70.—Forrest Luther.

**Greenwood**—Farmers are trying to get corn husking finished, but fields are too wet to permit much hauling. Livestock is wintering well. Kafir threshing is in progress. Farm labor is scarce. Corn, \$1.05; kafir, 85c; eggs, 30c; flour, \$2.65; bran, \$1.75.—A. H. Brothers.

**Harper**—Early wheat is damaged. The usual acreage of oats will be sown early. There is increasing interest in Sweet clover and alfalfa in this county. Nearly all wheat has been marketed. Wheat, \$1.85; eggs, 28c.—S. Knight.

**Harvey**—Weather is somewhat unsettled. Livestock is in splendid condition, and brings good prices at public sales. Feed is scarce. Wheat, \$1.68; oats, 60c; corn, \$1.15; butter, 40c; eggs, 27c; flour, \$2.40; sugar, \$1.15; potatoes, \$1.30.—H. W. Prouty.

**Kearny**—Ground is in fine condition to receive spring crops. There is plenty of feed,

and livestock is in excellent condition. Farmers are preparing for spring farming.—P. L. Pierce.

**Kingman**—Roads are drying and in some places are rough. One public sale held last week drew a large crowd, and prices were satisfactory. Livestock is wintering well. Alfalfa, \$15.—J. F. Kirkpatrick.

**Labette**—We are having rain and snow after a week of pleasant weather. Wheat fields are green. Some farmers were preparing to sow oats. Main traveled roads are good, but by-roads are rough. Prices are excellent at public sales. Horses and mules are in demand. Corn, \$1.05; wheat, \$1.70; bran, \$1.70; eggs, 30c.—J. N. McLane.

**Lane**—Mild weather is favorable to both wheat and livestock. There is little demand for farm labor. Roads are poor, but improving rapidly. Wheat, \$1.80; cane seed, \$1.50 a cwt.; corn, \$1.—A. R. Bentley.

**Linn**—The weather is changeable. Farmers are planning spring work. Public sales are frequent and reports are moving. Farm work consists of caring for stock and chores. Hogs, \$10; corn, \$1; oats, 75c.—J. W. Cline-smith.

**Logan**—Weather conditions are favorable and wheat is looking well. Farmers are happy at the thought of bumper crops. Three public sales were held last week. Wheat, \$1.90; corn, \$1; oats, 50c; barley seed, 85c; hogs, \$9.65; cows, \$20 to \$35 a head; eggs, 28c; butter, 35c; cream, 38c.—J. C. Postal.

**Lyon**—Snow and ice are gone, and wheat prospects were never better. Some farmers are husking corn. Livestock is in excellent condition, and feed is plentiful. Roads will be dry in another week. Wheat, \$1.75; corn, \$1.05; eggs, 27c; butter, 30c.—E. R. Griffith.

**McPherson**—Weather is mild and frost is gone from the ground. Fields and roads are muddy, altho some roads, which have been dragged, are fair. Wheat fields are becoming green. Corn shucking is in progress. There have been a number of farm sales which brought good prices. Hogs, \$10.40; cattle, 8c.—P. M. Shields.

**Osborne**—Livestock is progressing splendidly, with plenty of feed. There have been some public sales. Horses and mules are commanding better prices. Hogs, \$9.50.—Earl Doak.

**Phillips**—We received a light rain and snow recently which should be beneficial to wheat. There have been a few public sales, and prices are satisfactory. Livestock has gone thru the winter well.—J. B. Hicks.

**Rice**—We have had a light snow, and the weather is much colder. Farmers are cutting hedge and hauling wheat. There has been some loss of livestock from cornstalk disease. Kafir is being fed instead of corn as a measure of economy. Wheat, \$1.65; corn, \$1.05; kafir, \$1.60; eggs, 28c; cream, 34c; butter, 40c; sugar, \$7.75; flour, \$2.50; hens, 13c; hogs, \$10.—Mrs. E. J. Killion.

**Riley**—A light rain and snow fell this week. Roads are in good condition. The ground is thawing and some wheat fields are green. A great deal of wood has been chopped and sawed. Sales are numerous and prices are satisfactory. Corn, \$1.15; wheat, \$1.65; hogs, \$9.15; flour, \$2.60; eggs, 35c.—P. O. Hawkinson.

**Rooks**—Wheat prospects are dubious. Some of it has been frozen, and some has never sprouted. Indications are that a large acreage of spring crops is to be sown. We have been having favorable weather. Wheat, \$1.70; corn, \$1.10.—C. O. Thomas.

**Rush**—We have had fine weather for two weeks. Snow has disappeared and wheat looks brown except where it was most deeply covered with snow. Livestock is in excellent condition, but feed is becoming scarce. Roads are gradually drying and getting better. Wheat, \$1.65; corn, \$1; eggs, 28c; butterfat, 31c.—William Crotinger.

**Russell**—Wheat has been fine the last week, but wheat was frozen so badly that it hasn't shown much green yet. Cattle are thin and some are being shipped. A new gas well producing 25 million cubic feet has been struck in this county, which is drawing many people.—Mrs. M. Bushell.

**Stevens**—We have had a light rain and snow during the last week, but it did not drift badly. Wheat was greatly benefited by the moisture. Mild weather is causing wheat to turn green. Most of the grain sorghums are threshed. Kafir and maize, \$1.75; cane seed, \$1.35; corn, \$1.—J. C. Germond.

**Wabaunsee**—The last week has been warm, and cattle are doing well. Ite and wheat are turning green. Farmers are husking fodder and cutting wood. There is an abundance of feed in this county. Corn, \$1.08; eggs, 28c; flour, \$2.50.—G. W. Hartner.

### America Will Gain

European competitors of Germany in European and world markets may be apprehensive of the effect on them of the success of the Dawes plan in the sense that it aims primarily to revive and promote German foreign trade, but for this country Director H. G. Moulton of the Institute of Economics at Washington sees only benefits. He was a professor of economics at Chicago University and is the author of the leading American book on the economic effects of the Versailles treaty. He says that "there would seem to be no question that America will gain much more than it will lose by the economic rehabilitation of Germany."

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Henry A. Walker recently purchased 240 acres of unimproved land 1 mile east of McPherson from D. F. Kuns for \$30,000.



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It is not only moderate in first cost but exceedingly economical in operation. A 1/4 h. p. motor works one Double Empire Unit, milking two cows at once. (For two Double Units only 1/2 h. p. is needed.)

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### Giving Medicine to Cattle

In all except unusual cases drugs may be administered by the mouth. It is easy to give a cow a dose of medicine if the following directions by a well-known veterinarian are followed. The thumb and forefinger of the left hand are inserted in the nostrils where they firmly grasp the nose. The head is raised straight up under the arm and the fluid emptied from a long necked bottle into the mouth. Most cows will swallow liquids in this manner very rapidly.

There is no need of holding the cow's tongue out of one corner of the mouth when the animal is being drenched, the opinion of some men to the contrary notwithstanding. The tongue should not be touched by the person giving the drench, as the free use of this organ by the cow is necessary for her to swallow properly. The mouth of the bottle should rest against the roof of the cow's mouth just back of the dental pad, and should follow the back and forth movements of the tongue. When cattle are drenched in this manner, the danger of fluid going down the wind-pipe into the lungs is avoided. One should never push the drenching bottle into the corner of the cow's mouth and hold it there until it is empty, because a fit of coughing usually is induced. In case the animal coughs, remove the bottle at once.

### Red Poll Milk Test

Forty-five Red Polled cows completed the 12-months test which ended December 31, 1924. They produced 381,749.5 pounds of milk and 10,934.46 pounds of fat, or an average of 8,483.32 pounds of milk and 377.43 pounds of fat. Golden Plutie, the high cow, is owned by Tracy & Warye, Nashua, Ia. She produced 10,223.7 pounds of milk and 604.42 pounds of fat. Jake Zilverberg, Wessington Springs, S. D., had the second high cow in Leuretta, which produced 13,253 pounds of milk and 574.49 pounds of fat. Golden Glow, another Tracy and Warye cow, stood third with 10,962.4 pounds of milk and 504.74 pounds of fat. Irma 15th, owned by F. C. Bushchow & Sons, Blue Hill, Neb., stood fourth with 10,008.5 pounds of milk and 502.15 pounds of fat.

These records were made on two milkings a day, and the cows ran with the rest of the herd during the pasture season, according to H. A. Martin, secretary of the Red Polled Cattle Club of America. The test covered a 12-months period, and the cows were given only ordinary farm care.

### A Veterinarian Protests

Dogs with cropped ears and tails have no standing in dog shows in England, but in the United States we have not taken a stand against cruelty toward dogs, and it is now suggested that the authorities who conduct shows should bar all cropped dogs. Dr. J. C. Flynn, a humane veterinarian in Kansas City, in supporting this suggestion says of the cruelties that vets are asked to perform to gratify the vanity of owners of dog "pets,"—tho if they are pets, it might be supposed their owners would have some humane feelings toward them—

"When we, as professional men, trained to use our skill to prevent and relieve pain and suffering, willingly and without reserve lend our assistance in inflicting a painful, barbarous and unnecessary mutilation of the flesh of our poor dumb friends, we are putting ourselves in a class that should justify the Society for the Prevention of Cruelty to Animals in demanding that we be denied the right to practice veterinarian medicine and surgery. Whenever I trimmed a pair of ears and looked at the poor, bleeding, mutilated dog and watched him

look at me with fear and trembling every time he was brought into the room for treatment every day for the following two or three weeks, and saw him grow thin and weak from pain and suffering, and in after months when brought to me for other treatment, saw him refuse to enter my hospital and shrink from me when I attempted to handle him, I felt pretty small and realized that I did not deserve the confidence of a dog."

A dog is a pretty good animal as he is; why try to make him over by facial surgery?

### 18 Per Cent Less Hogs

Hog producers in America have 18 per cent fewer hogs than a year ago. There is every indication that prices during the next 18 months will be higher than at any time since 1920. Six to 8 million fewer pigs will be born next spring than last spring. A further reduction in hog production is highly undesirable both from the point of view of requirements for domestic consumers and from that of a long-time policy of production.

Compared to the trend in the slaughter of hogs, the pigs born during 1924 represented about a normal crop. The reduction to normal has already caused hog prices to rise to about the equivalent of the average price from 1900 to '13, taking account of the change in the purchasing power of money. Farmers' reports of sows bred or to be bred for spring farrowing indicate that the spring crop of pigs in the Corn Belt will be about 25 to 27 million, as compared to 33 million in 1924 and 40 million in 1923. This will result in receipts in the fall and winter of 1925-26 much lighter than for several years.

The present business situation indicates that during 1925 American demand will be at least as active as during 1924. The foreign outlook is for steady demand, the improved purchasing power of Germany and the gradually improving economic conditions in other countries enabling them to continue as active bidders for pork and lard. However, still higher prices will undoubtedly result in decreases in the volume of our pork and lard exports.

### High Wages in America

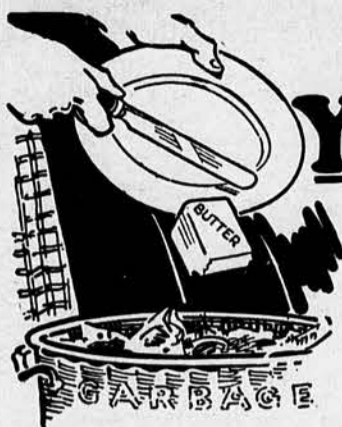
On the basis of data from American industrial corporations having branch factories and houses in Europe, the Federal Reserve Bank of New York has issued a comparative table of day wages, rated in American dollars, in this country and Europe, which gives the following: United States, \$5.60; England, \$2.28; Germany, \$1.55; Paris, \$1.35; France outside of Paris, \$1.24; Belgium, \$1.14; and Italy, 96 cents.

When all allowances are made for higher living costs, the figures show a great superiority for the American wage earner, even over the English, not to speak of the Italian.

Restriction of immigration is the best security of the American wage earner, and has worked greatly to his advantage. But an American advantage is in machine tools, also, and in more efficient organization of most industries, while complete free trade thruout the United States together with protection against foreign low-priced goods has been a great factor in raising the standard of life of American wage earners. There is no country where the workingman has anything like the opportunities and advantages that belong to the United States.

### 60,000 Accredited Herds

There are 60,000 accredited herds in the United States, free from T. B. The number of "free" counties is 53. There are 223,192 herds on the waiting list, containing 2½ million cattle.



# You wouldn't stand for this One Minute

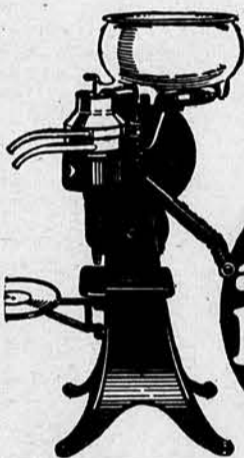
If some one scraped the butter left over from your table into the garbage can after each meal you certainly would put a stop to it immediately.

Left-over butter must be saved for another meal, but how about the "left-over" butter-fat which your present separator leaves in the skim-milk? It isn't at all unusual for a new De Laval to increase the yield of butter-fat from the milk of just a few cows by a quarter to a pound or more a day. Think what this would mean to you in the course of a year.

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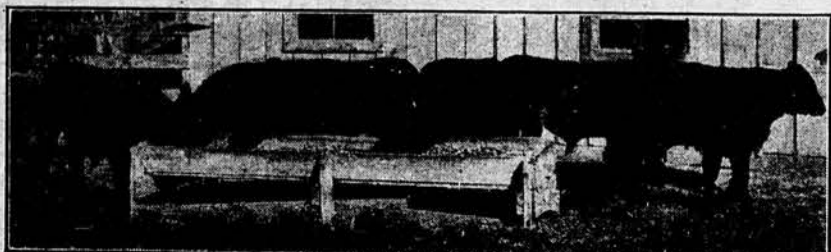
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Eggs from Contented Hens

When I started with chickens I had a common mixed flock, such as you still see on some farms. I had good success in raising the chicks and I gathered a good many eggs, but I was not satisfied. I wanted to have a flock with more quality in it.

So I bought some Rhode Island Red eggs, and I watched the chicks carefully during the summer, and then as layers during the fall and winter. Then my mind was made up; this was the breed for me. So I went to work in earnest to build up the flock.

In the last 10 years I have worked to increase egg production by keeping the early, well-developed birds of good color and type. I have purchased eggs from leading breeders, and I have had the flock culled every fall by a professional judge. I have found that careful culling pays well.

The poultry houses are cleaned carefully in the fall and sprayed with whitewash, and new straw is put into the scratching shed. We use bundle fodder to make a loft over the roosts, as we have found it more satisfactory than straw.

Free range is given the flock in the fall and winter when the weather is favorable. We feed a scratch grain early in the morning, and a warm mash about 9 o'clock. In this mash we use cooked potato peelings, cabbage, beets or table scraps. Plenty of warm water is provided in cold weather, and also sour milk if we have it; if not we use meat scraps in a mash in the hopper about 4 o'clock. I do not use the fancy balanced rations—just bran and shorts with home grown grains. When the flock is shut in because of bad weather I feed some alfalfa leaves and fine kafir fodder. Plenty of oyster shells are provided.

The poultry building is not fancy or expensive, but it is comfortable. It is 42 feet long, and is divided into four rooms, which are thrown together in the winter when the flock cannot go out. In the spring it is used as a brooder room, and for scratch and nest rooms.

A farm flock that is healthy and contented usually produces eggs. During the fall and winter I sell eggs on the local market, and in the spring for hatching.

Sylvia, Kan. Mrs. J. F. Green.

What One Flock Did

Four years ago Blon McCormick, Zeandale, bought 12 ewes for \$9 apiece. He had never handled sheep before but he had heard the college folks, across the river at Manhattan, tell about the advantages of a small farm flock. A dozen ewes didn't make a very big flock, but he thought they were enough until he could learn how to take care of them.

His lamb crop was not very big that first year, but he credited that to his inexperience, sold the rams to the local butcher and kept the ewes. He did better the following year, but still did not have enough lambs to ship. By keeping the female increase and marketing the ram lambs locally he has built up a flock of 43 ewes and a ram. Last spring he loaded the lambs on a truck and hauled them to Kansas City. They topped the market at \$17.10.

And Then They'll Hatch

We have been hatching chickens for 25 seasons, with varying degrees of success. For a long time we set hens; now we use incubators. It is more profitable. We have a hatching capacity of 2,500 eggs, and have decided on some simple rules essential in incubating and brooding.

Get a good incubator. Follow the manufacturer's directions. He pays for expert experience in management. Don't keep the incubator in the cellar or anywhere not well ventilated. Dead air under an incubator is disastrous. Avoid drafts. Add moisture according to directions, when needed.

Keep the temperature right. It takes watching to do this but a few degrees either way will seriously affect the vitality of the chick.

Set good, vital eggs; sometimes an egg will hatch and the chick not have vigor enough to live. Eggs of small breeds hatch better, as a rule, than those of large breeds. We use both coal and oil brooders.

An oil brooder holds an even temperature easily in moderate weather. For very cold weather we like a coal brooder, but one must use a good grade of coal and regulate it carefully. We like to divide the space under the canopy into a number of circular compartments. By separating the chicks thus there is not so much loss from crowding.

Do not have the roof of the brooder house too high; if it is, cover a space with boards or heavy pasteboard to make a warm room, while the chicks are small.

Ventilate well. Dead air holds disease. A pipe running up thru the roof is a successful ventilator.

Make a circular pen about the space desired, to keep chicks from wandering. A strip of roofing is good for this purpose in cold weather.

Agra, Kan. Alice W. Willis.

Incubators Hold 1,400 Eggs

We often hear the question, "Will chicks hatched by an incubator be as strong as those hatched by hens?" From my experience I can say "yes."

Incubators must be thoroly cleaned and disinfected before the hatch is started. Some are more convenient than others, but they will all hatch if you will follow the directions.

But one must start with good breeding stock. Hens forced under artificial conditions for high egg production in the fall with electric lights and special feeds may come into the spring in a weakened condition. A chick that can't get out of the shell isn't worth having.

Feeding is an essential factor with the breeding stock as well as with the chicks. The birds must have a well-balanced ration, and be compelled to work for it, and also have plenty of range.

We gather the eggs two or three times a day in cold weather, so they will not become chilled. I mark one side of the egg and turn them twice daily. I find that a hygrometer is practical in adjusting the humidity—it is no more expensive than a thermometer.

I keep the heat at 102 or 103 degrees the first two weeks, and at 104 the third week. It should be a degree higher for dark-shelled eggs than for white ones. The incubator is placed in a north room, which has plenty of ventilation.

My incubators have a capacity of 1,400 eggs. I sold 3,000 eggs for hatching last year and 1,200 baby chicks, and I hatched 1,400 for myself. We have a brooder house 7½ by 44 feet, with two partitions. A coal burning brooder stove is used in each of the three compartments.

Mrs. Jerry Peterson. Haddam, Kan.

World Corn Crop Short

Despite an 8 per cent increase in the Argentine corn acreage for the current crop year as compared with the preceding one, production under the most favorable growing conditions will not be large enough to make up the deficit in the world supply brought about by the short crop in the United States. The shortage of the corn crop here together with the prospects for the new crop in Argentina are the dominating factors in the world corn situation. The final estimate of 2,437 million bushels for the 1924 crop in the United States is 600 million bushels less than the 1923 crop, and is the lowest estimate recorded during the last 20 years.

For the 89th Division

Wouldn't you like to have the story of "the long long trail" of the old 80th, from Funston, "where the sand comes up to your neck," on to Stenay, then to Germany, and back to Funston? We have just that in the official Brief History of the 89th Division, written by C. J. Masseeck, of the 333rd infantry. The price is 25 cents postpaid; please address Book Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.

Then the Barrage Started

Lester Harford, Werter Harford and Bill Haslett were returning from hunting on the John Cooper farm, 2 miles west of Overbrook, recently, when two large wolves jumped out in front of them. Haslett killed one and the Harford boys got the other.

**HARNESSES At Factory Prices**

Big saving—best quality leather and workmanship—absolutely guaranteed. Mueller Harness and Saddles have given satisfaction for over thirty years.

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502 Mueller Bldg. DENVER, COLORADO

**WORMS IN CHICKENS**

Do you know that worms in chickens cause much of the sickness and loss? Do you know how to get rid of them? Do you know how to remedy worm troubles? How to avoid them? Read the new, free 48-page book by Geo. H. Lee, inventor of **Worm-E-Zone**, the famous poultry remedy for roup, diarrhea, etc. Tells you about the important troubles and diseases, and only of poultry but also of hog—information you would have to pay many dollars for. A million copies already requested. Get one now from the leading drug or grocery store in your town, or send stamp to **Geo. H. Lee Co., Dept. 58, Omaha, Neb.**

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Cheap to Install. Free from Trouble. Buy Now. Great Early Months Shipment. **NO** Showing in Showing Down Freezing. Steel Reinforcement every course of Tile. Write today for prices. Good terms very open for live agents.

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Free in colors, telling how to raise chicks. Free giving ten good reasons why you should have the famous Sunflower strain in 45 varieties of Pure Bred Baby Chicks. Poultry, Eggs, supplies. Highest quality. Lowest Price. Postcard for valuable book.

**SUNFLOWER HATCHERY, Box 33 NEWTON, KANSAS**

**Buy Accredited Chicks!**

State Accredited and inspected. Hatched from carefully culled flocks, all leading varieties, bred for heavy egg production. We satisfy our customers. 100% Live Delivery Postpaid. Catalog free. Hiawatha Hatchery, Box 12, Hiawatha, Ka.

3 Charming Ferns!

**Best Varieties**

This great collection includes an "Asparagus Fern," an "Ostrich Plume Fern," and the "Roosevelt Fern." No other house plant is more extensively grown than the graceful "Asparagus Fern," while in the "Ostrich Plume Fern" variety which appeals to every one. The "Roosevelt Fern" is a fern for every home. The fronds are broad and beautifully tapered from base to tip, giving it a pronounced wavy effect seen in no other variety. It is the grandest fern of its class yet introduced.

**OUR OFFER:** We will send you this collection of ferns postpaid for a club of two one-year subscriptions to Capper's Farmer at 25c each. Your own subscription will count as one in this club. Order now. Address **Capper's Farmer, Fern Dept., Topeka, Kan.**

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Capper's Farmer is published in the heart of the best agricultural country in the world. It stands for a square deal to the consumer and a fair profit for the producer thru eliminating grain speculators, market jugglers, trusts and combines. For the American farmer who wants to be progressive there is no favorite like Capper's Farmer. There is a department for women, boys and girls. Articles on marketing, livestock, poultry, dairy, farm machinery, horticulture, health, etc. To introduce Capper's Farmer—a farm paper that's different—the publisher agrees to enter a trial subscription—to Rural Route addresses—**one-year for 15c.** Send trial order today.

**CAPPER'S FARMER, Dept. 13, Topeka, Kan.**



**\$712.98 From This Flock**

I am a farmer's wife, and I find the care of poultry pleasant and profitable. My aim is eggs rather than meat, so I keep Single Comb White Leghorns. I get my breeding stock from a reliable breeder, with high egg records.

We received \$529.72 from the sale of eggs from September 22, 1923, to September 20, 1924; this was from 200 hens, including 40 Buff Orpingtons which I keep to mother my chicks. I also sold chickens worth \$183.26, which makes a total of \$712.98 for the year. This does not include the eggs and chickens used by the family.

An experienced man does the culling in October. From this time on I keep the laying hens in a pen most of the time. When the weather is nice they are allowed out an hour or so in the evening, to pick up waste grain. I have an outside scratching pen for good weather; the straw is changed when it becomes dirty.

The scratch feed, which is wheat and kafir, is fed sparingly in the mornings, more at noon, and there is a heavy feed in the evenings. I also feed a mash which I mix at home, sprouted oats and sour milk. The mash, oyster shells and fresh water are always before the birds.

My hen house is a frame building, 12 by 44 feet with a good roof. The walls are tight on the outside, and papered on the inside. It has a south front, with four windows, to admit air and sunlight, and also openings covered with cloth for ventilation. The dirt floor is kept dry by using lime and ashes after cleaning.

In bad weather the floor is cleaned thoroly and covered with straw, and the house is used for a scratching shed. The windows and doors are opened to admit fresh air and sunlight unless it is stormy.

I prefer to hatch my chicks for layers for next year in March and April. The flock is kept free from lice by dusting with sodium fluoride, and I grease the legs of the birds with lard, sulfur and coal oil mixed to prevent scaly leg. The house is sprayed thoroly from time to time with a good disinfectant. My hens repay all this care by filling the egg case.

Mrs. W. E. Hoffman,  
Nickerson, Kan.

**These 150 Turkeys Paid**

I raised 150 White Holland turkeys last year. The eggs are hatched in an incubator. I do not use a brooder for turkeys, altho I do with chicks. We take a turkey hen that has been sitting two days or longer—see that she is free from lice—and put her in a box or pen and then place two or three little turkeys close to her. If she calls to them you can give her from 10 to 25 more.

We do not feed the poults for 48 hours after they are hatched, and then only a little at a time. Clabber milk sprinkled with black pepper or rolled oats is fed at first, four times a day.

When the poults are 2 weeks old I give them a bran and shorts mash in self-feeders. I feed rolled oats until they are about half grown, mornings and evenings, and also have clean water and sour milk before them all the time. When about 3 weeks old we drive them out to the fields, where they can get plenty of grasshoppers. But we see they come home at night! Twice a week we give 1 teaspoonful of Ipecac for every 20 turkeys.

We keep the building clean and free from mites, and the turkey hen free from lice. I think there is more clear profit from turkeys than from any other line of poultry.

Gove, Kan. Mrs. J. B. Chenoweth.

**Egg Prices Headed Up?**

The outlook of the poultry industry during 1925 from the standpoint of market egg prices is favorable, while from the standpoint of immediate market poultry prices it is not as encouraging. It seems probable that higher egg prices will prevail during the season of flush production this year than last. With an abnormally large stock of dressed poultry in storage it seems probable that lower prices on market poultry may rule for at least the first half of the year. However, higher prices for other meats should have a strengthening effect on poultry prices during the latter part of 1925 and the early months of 1926, which, coupled with probable reduced feed-costs, should make that period a more profitable one.

The laying stock of chickens now on farms must produce the egg crop of the coming spring and summer, and its output can be supplemented toward the close of the year only to a limited extent by the pullets hatched in 1925. Egg receipts at the principal markets during 1924 were decidedly below 1923. This decrease in receipts persisted thru the fall and winter to the end of January. With a 9 per cent decrease in the number of poultry on farms on January 1, 1925, compared with a year ago, there is reason to suppose that the egg crop of this year will not exceed that of the last year.

The storage egg business last year was very profitable. Storage egg stocks, both shell and frozen, at the beginning of this year were well below those on January 1, 1924, and slightly below the five-year average. These facts, together with present good prices, and an indicated crop of moderate size should result in a higher price level during the storage season, and a favorable price level during the rest of the year.

The present poultry disease epidemic complicates the situation to some extent. If the epidemic is controlled in the near future, as seems probable, it will have little effect on either the egg or poultry crop of 1925. If it drags on for some time it may reduce the egg crop and spring hatch somewhat.

**Light Advertis Purebreds**

A farm lighting plant is used by Fred G. Laptad of Lawrence in advertising his purebred Durocs, Polands and Jerseys. On the side of his barn facing the Union Pacific tracks and a highway is a sign bearing the name of his farm, stating the kind of stock he raises and the date of the next auction. He holds hog sales in April and October. This sign is equipped with lights and reflectors so it may be illuminated at night.

**Lights Boost Egg Yield**

Pullets under electric lights come into 50 per cent production two months earlier than they do under natural conditions, according to the experience of J. M. Runge of Sylvan Grove. Mr. Runge begins using the lights as soon as the pullets begin to lay. They come into 50 per cent production in a short time. Before he installed a farm lighting plant his pullets produced about 30 per cent during the first two months.

He uses the lights in the evening and early morning to lengthen the winter day. The hens thus have more time to scratch and eat, and the results show in his egg basket.

His flock consists of 400 White Leghorns. A local dealer pays a premium of \$1 a case above current prices for Mr. Runge's selected eggs, and ships them to Chicago.

**PAN-A-CE-A**

**your breeders at mating time**

**YOU WANT** fertile eggs for hatching—eggs that will hatch into strong, livable chicks.

See to it that your flock, your hens and roosters, are in the pink of condition at the time the hatching eggs are laid.

Dr. Hess Poultry Pan-a-ce-a is a tonic—not a stimulant.

A tonic that imparts to the parent stock that spark of health and vigor that means fertile eggs for hatching.

Eggs that will hatch strong, livable chicks—not dead in the shell—not puny and weak.



**Costs Little to Use Pan-a-ce-a**

The price of just one egg pays for all the Pan-a-ce-a a hen will eat in six months.

There's a right-size package for every flock.

- 100 hens the 12-lb. pkg.
- 60 hens the 5-lb. pkg.
- 200 hens the 25-lb. pail
- 500 hens the 100-lb. drum

For 25 hens there is a smaller package

**REMEMBER**—When you buy any Dr. Hess product, our responsibility does not end until you are satisfied that your investment is a profitable one. Otherwise, return the empty container to your dealer and get your money back.

**DR. HESS & CLARK, Inc., Ashland, Ohio**



**Dr. Hess Instant Louse Killer Kills Lice**

There usually is close connection between the way crops and livestock are cared for, and the way they care for their owner.

Time invested in community meetings and farmers' institutes should be credited to the profit side of the ledger.

**Make Big Money Raising Poultry With The Champion Belle City**



80 Egg \$11.95  
140 Egg \$13.95

The Hatching Outfits that in 25 years have brought success and big cash profits to over a million users.

My new Poultry Book "Hatching Facts" tells how—write for it—it's Free—or better still, order today. You can't lose when you use my

**\$13.95** Champion **\$21.95**  
**140-Egg** Belle City **230-Egg**  
**Incubator** **230-Egg**  
**80 Egg Size \$11.95**



230 Egg Size.....\$21.95  
—with 300 Chick Oil Canopy Brooder—both \$34.95  
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With Fibre Board Double Walled Construction used for over 25 years—Copper Hot-Water Tanks—Self-Regulated Safety Lamps—Thermometer and Holder—Deep Chick Nursery—Egg Tester. Hatches chicks, ducks, turkeys and geese. My Double Walled Belle City Hot-Water Lamp Brooders are guaranteed to raise the chicks. \$7.95

**Express Prepaid**

East of Rockies and allowed that far topoints West, (Coal Brooders Freight Prepaid). Gets machines to you in 2 to 5 days. My Oil and Coal Canopy Brooders meet every need for larger capacity. When ordering an Oil or Coal Canopy Brooder to come with your incubator, you may deduct \$1.95 from combined price of both. Save valuable time—order today from this ad—thousands order direct from my advertisements every year.

buys the 140-chick size; \$9.95, the 230-chick size. \$5.95 the 80-chick size. Save money—order Brooder with Incubator—send only for 80-egg Incubator & 80-chick Brooder } Both \$15.95  
140-egg Incubator & 140-chick Brooder } Both \$19.95  
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**Order Your Belle City Today** At these lowest factory prices, based on enormous quantity production. With a Guaranteed Belle City Hatching Outfit and my Poultry Guide Book for operating, your success is assured. You can also share in

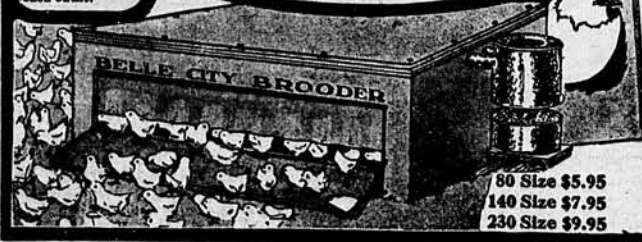
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**Belle City Incubator Co.**  
Box 21 Racine, Wis.

**Clubbing Offers** For two or more incubators or brooders, either size or style, ordered shipped together, deduct 45c from price of each machine. For two or more complete hatching outfits, deduct 45c from price of each outfit.

No one else can give you quicker or better service or so much hatching value for so little money.

Oil Brooder Stove with Blue Flame Burner Economical and Dependable  
36-Inch Canopy 50-Inch Canopy  
300 Chicks \$14.95 Express 800 Chicks \$16.95  
of Rockies



80 Size \$5.95  
140 Size \$7.95  
230 Size \$9.95

**Facts** about my "Add A Machine Plan" come with free catalog, gives you 400 Egg Capacity \$43.00  
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**Coal Brooder** Stoves with 42 Inch Canopy Chick \$19.95  
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**WANTED—HAY GROWERS TO HANDLE** hay quicker, easier, better and with less expense by using the famous Jayhawk Portable Stackers and Sweep Rakes; save 25% in cost of haying equipment by writing for free catalog and price lists, today. Wyatt Mfg. Co., 114 North 5th Street, Salina, Kan.

**FOR SALE: ALL SIZES USED OIL FULL** tractors; separators, 36x60, 22x36 and 30x48 Rumely Wood, 32x62 Rumely Steel, 36-inch Case, 22-inch Goodison, 22x42 Twin City, 32x60 Avery, 15-30 Hart Farr and Waterloo Boy Tractor; Moline Tractor Binder nearly new, 20 horse Rumely, 20 horse Baker; 16 horse Aultman-Taylor steam engines; 5 bottom Avery plow. All at bargain prices. Wakefield Motor Co., Wakefield, Kan.

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**TOBACCO, POSTPAID, GUARANTEED.** Best Red leaf chewing, 5 pounds \$1.50; 10-\$2.75. Smoking 20c pound. Mark-Hamlin, Sharon, Tenn.

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**CIGAR SMOKERS—BUY DIRECT. LONG-** filler Perfectos. Highest quality. \$4.00 per hundred, postpaid. Double value guaranteed. Carney-Graham Company, Dept. F27, Paducah, Kentucky.

**HOMESPUN TOBACCO, CHEWING FIVE** pounds \$1.50; ten \$2.50; twenty \$4.50. Smoking five pounds \$1.25; ten \$2.00; twenty \$3.50. Pipe free, money back if not satisfied. United Tobacco Growers, Paducah, Ky.

**KENTUCKY HOMESPUN TOBACCO, HAND** picked, ripe and mellow. Smoking 10 pounds, \$1.50; twenty \$2.75. Kentucky's Best 10 pounds \$2.50; twenty \$4.00; chewing 5 pounds \$1.75; ten \$3.00. Satisfaction guaranteed. Tobacco Growers Union, Lynnville, Ky.

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**FOR DRIED FRUITS WRITE JIM SMITH,** Farmington, Ark.

**HOT TAMALES, CHILE AND OTHER** delicious dishes. Free recipe telling how to make. Henry Jefferies, Ottawa, Kan.

**CLOVERLEAF CREAM FUDGE; PURE** sugar, assorted flavors, pound 50 cents, 5 pounds \$2.25. Wonder Working Yeast, large package quarter. Postpaid. Lorena Wing, Marienthal, Kan.

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**KANOTA OATS 55c PER BUSHEL. SUDAN.** W. L. Tipton, McPherson, Kan.

**CERTIFIED SEED, CORN AND OATS.** Lupton Stock Farm, Lawrence, Kan.

**PRIDE OF SALINE SEED CORN, CERTI-** fied. H. T. Brenner, Waterville, Kan.

**BEST WHITE SWEET CLOVER AT FARM-** ers prices. John Lewis, Virgil, Kan.

**PURE KANOTA OATS, G. F. FRIESEN,** Cottonwood Grove Farm, Hillsboro, Kan.

**WHITE SWEET CLOVER \$7.50 PER** bushel. Sacks free. Tom Gallagher, Sawyer, Kan.

**KANOTA OATS YIELD FIVE BUSHELS** extra. Sacked \$1.00. Taylor Sons, Chapman, Kan.

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**SEED CORN, AMES AMBER SORGHUM** Seed, greatest sorghum known. Huston, Americus, Kan.

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**PURE IOWA GOLD MINE SEED CORN,** \$2.50 bushel. Samples free. L. C. Felgley, Enterprise, Kan.

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**PURE CERTIFIED SEEDS, KANOTA OATS,** second award Chicago International, germination 100%. Dawn Kafir 98, Milo 97, Pink Kafir 99, Alfalfa, Bluebell & Son, Abilene, Kan.

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### SEEDS, PLANTS AND NURSERY STOCK

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**RELIABLE WINDFIELD FRUIT TREES** and berry plants, ornamental shrubs, roses, yuccas, etc. Buy direct from grower and save money. Send today for large new 1925 free illustrated catalog and price list describing our hardy, healthy, growth resistant western grown nursery stock. Grows in the heart of the rich, fertile Arkansas River Valley. Better stock for less. Thus, Baggers & Sons, Pioneer Kansas Nurseries, Desk 11, Winfield, Kan.

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BABY CHICKS

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BABY CHICKS FROM AMERICA'S PIONEER hatchery have pleased over 25,000 customers. 22nd season. We hatch twenty popular varieties. Guaranteed safe delivery by prepaid parcel post. Write for 40-page catalog and free premium offer. Miller Hatcheries, Box 758, Lancaster, Mo.

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THE KANSAS ACCREDITED HATCHERIES Association is an organization of hatchery operators interested in selling chicks of Higher Quality. As a prospective purchaser of chicks anxious to receive full value for your money, you are interested in this organization. For a list of Kansas Accredited Hatcheries and an outline of the form of organization address, Secretary Kansas Accredited Hatcheries Association, Manhattan, Kan.

ROSS CHICKS, WHITE, BROWN AND Buff Leghorns, White Barred and Buff Rocks, White Wyandottes, Buff Wyandottes, S. C. & R. C. Leghorns, Buff Orpingtons, R. C. White Leghorns, Buff Orpingtons. 100% live delivery prepaid. Write for catalogue and prices. Ross Hatchery, Dept. A, Junction City, Kansas.

BRED-TO-LAY CHICKS, BIG HUSKY chicks from healthy, standard-bred parent stock that have been properly culled. The kind that mature early and lay well. Rocks, Reds, Wyandottes, Orpingtons, Leghorns, Anconas, Langshans and Brahmas. Postage prepaid, 100% live delivery guaranteed. Catalog free. Porter Chick Co., Winfield, Kan.

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LIGHT BRAHMA COCKERELS, \$1.50, \$2.00. Eggs 15-1.50; 50, 100, less. Mrs. Ira White, Walnut, Kan.

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A FEW DAYS AGO SENT YOU COPY for an ad for the classified column to run four times. The first insertion was January 13 but I am entirely sold out. Have been returning checks for cockerels I could not fill. So don't run it any longer. Can't afford the postage telling folks that I am out. One insertion will be plenty. A. M. M. Cheney, Kan.

MINORCAS—Eggs

SINGLE COMB WHITE MINORCA EGGS. Albert Weaver, Route 5, Newton, Kan. GOLDEN BUFF MINORCA EGGS \$2.00-15; \$5.00-50. J. O. Greenleaf, Mound City, Kan. WHITE MINORCA EGGS, FLOCK CULLED by state man. Elmer Hershberger, Newton, Kan. PURE BRED SINGLE COMB WHITE Minorca eggs. Send for circular. O. H. Browning, Uniontown, Kan.

ORPINGTONS

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WINNING, BIG, BLOCKY BUFF ORPINGTONS; eggs \$6 hundred. Myrle Peck, Wellington, Kan. CRYSTAL WHITE ORPINGTON EGGS \$5 hundred. Kellerstrass, Gordon North, White City, Kan. PRIZE WINNING BUFF ORPINGTON eggs \$1.00 setting, \$5.00 hundred. P. D. Briggs, Sedan, Kan. CRYSTAL WHITE ORPINGTON EGGS, \$1.00 per setting, \$6.00 per hundred. W. F. Bayer, Lorraine, Kan. BUFF ORPINGTON EGGS FROM EXTRA heavy laying stock, \$6.00 hundred. Chester DeWerry, Ellinwood, Kan. SINGLE COMB WHITE ORPINGTON eggs. No letter answered without stamps. Poultry White Farm, Hanover, Kan. BUFF ORPINGTON EGGS FROM HEAVY layers of superior quality; \$1.50 setting, \$8.00 hundred. Unique Poultry Farm, Little River, Kan. BUFF ORPINGTON EGGS FROM HEAVY winter layers, certified Class B; \$6.00-100; pen \$15.00-15; \$4.00-50. Mrs. Clarence Rosworm, Council Grove, Kan. CERTIFIED GRADE A. S. C. BUFF ORPINGTON Eggs; \$6 hundred; \$2.50 fifty; \$1.50 fifteen. Baby chicks 25c each. Mrs. Orle Shaffer, Waverly, Kan.

PLYMOUTH ROCKS

BUFF ROCK COCKERELS \$2.00 AND \$3.00 each. Mrs. Clyde Cole, Anthony, Kan. BUFF ROCK COCKERELS \$2.00 EACH. Mrs. Katie Fankhauser, Madison, Kan. PURE BRED WHITE ROCK COCKERELS \$1.50. Mrs. B. O. Sager, Brewster, Kan. PURE BRED BARRED ROCKS, IMPERIAL Ringlets, \$2.00 each. Oscar Chinn, Coats, Kan. ROCKS; STOCK AND EGGS, LANGDON Poultry Club, Joice Rallsback, Sec., Langdon, Kan. PURE BRED RINGLET BARRED ROCK cockerels, \$3.00, 3 for \$8.00. Mrs. W. L. Turney, Peck, Kan. LARGE WHITE ROCK COCKERELS FROM blue ribbon winners, \$2.00. Albert Trambly, Goodland, Kan. BUFF ROCK COCKERELS FROM PRIZE winners \$2.50; eggs \$1.00. Mrs. Robt. Hall, Neodesha, Kan. 18 BUFF ROCK PULLETS NOW LAYING, \$1.75 each. First check gets them. Miss Eva Emch, Madison, Kan. BARRED ROCK COCKERELS FROM TRAPNEST ancestors. Eggs reasonable. Ginevra Christiansen, Brewster, Kan. BARRED ROCK COCKERELS \$2.00. You will like these. Eggs for hatching. Draide Dunbar, Columbus, Kan. SIMS STRAIN BARRED ROCK COCKERELS; ribbon winners, \$2.50 each. Mrs. Henry Deiling, Route 2, Argonia, Kan. WHITE ROCK COCKERELS, FISHEL strain, \$3.00; 200-250 egg strain, \$5.00. G. P. Kimpier, Ellinwood, Kan. APPLEBAUGH'S FAMOUS WHITE ROCKS. Baby chicks or hatching eggs. Master Breeders Hatchery, Cherryvale, Kan. PARK'S BARRED ROCK COCKERELS, \$2.00 to \$3.00. Eggs; setting, \$1.50; 100-\$2.00. Alice McBride, Brewster, Kan. RINGLET BARRED ROCK COCKERELS. Good ones. Write your wants. Birds shipped on approval. J. L. Deeds, Lyons, Kan. PARKS PEDIGREED BARRED ROCKS direct. Eggs \$1.50 setting, \$7.50-100; chicks 18c. Lillian Marshall, Geneseo, Kan. BARRED ROCK COCKERELS, PARK AND Thompson strain \$2.50. Eggs, in season. Mrs. Annie Galbraith, Rt. 1, White City, Kan. WHITE ROCK COCKERELS AND EGGS from blue ribbon birds. Extra heavy layers. Raymond Diehl, Route 9, Lawrence, Kan. PARK'S OVER 285 EGG STRAIN COCKERELS \$3 to \$5. Eggs, setting \$2.50; flock, \$7-100. Baby chicks. Mrs. F. Hargrave, Richmond, Kan. IMPERIAL RINGLET BARRED ROCK cockerels, bred from heavy winter layers, \$3.00 each, 100 Eggs \$5.50. D. A. Harris, Great Bend, Kan. WHITE ROCK COCKERELS; \$3, \$5. EGGS; 3 matings, range 100-\$6. Fishel direct stock. State certified class A—, Carl Keesling, Neodesha, Kan. WHITE ROCK COCKERELS \$3.00, \$5.00, \$10.00 up, on approval. Eggs \$7.50-100 prepaid. Two special matings, pedigreed. Chas. Blackwelder, Isabel, Kan. PURE BRED BARRED ROCK COCKERELS, prize winning stock. February sales \$3.00, \$5.00. Eggs \$1.50 setting, \$6.00 hundred. J. V. Crane, Ashland, Kan. LARGEST IMPERIAL RINGLET BARRED Rock cockerels in Kansas. Eggs and chicks. Write for prices. North Willow Poultry Ranch, R. 4, Coffeyville, Kan. CERTIFIED ACCREDITED WHITE ROCKS, Barred Rocks. Sires-Dams records 267-308 eggs; flock record 200 eggs. Eggs \$7.50-100. Chicks 17c. Sabetha Hatchery, Sabetha, Kan. ARISTOCRAT BARRED ROCKS, AN EXTRA fine lot of light, medium and dark cockerels from \$3.00 to \$5.00 each. Taken over 70 prizes past season. Dr. Hinckley, Barnard, Kan. HIGH GRADE BARRED ROCK COCKERELS. Large, vigorous, beautiful. Dark and light. Eggs, our famous Farmers Special Dark range \$10 per 100, light \$8. Mrs. W. B. Popham, Rt. 5, Chillicothe, Mo. PURE THOMPSON RINGLET COCKERELS, Trapped stock. Winners American Royal Wichita, National, Kansas State, Canada Provincial. 21 years Barred Rock breeder. \$5.00, \$3.00. Mrs. Robt. Simmons, Severy, Kan. SIM'S DARK LINE BARRED ROCKS. The champion winning strain of Kansas. Winning grand display the last three years at Kansas State Show or Kansas City. Hoganized for heavy laying. Some extra fine cockerels and pullets for sale. Write me. George Sims, LeRoy, Kan. ALLEN'S BARRED ROCKS, A FEW OF those wonderful cockerels left. First and second Salina, first and 3rd Hutchinson on cockerels. Can furnish mated pens at wonderful bargains, same blood lines as these winning birds. Must sell by March first. Postal card brings you my mating list. Certified Class A. A. F. Allen, Wilsey, Kan.

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THOMPSON RINGLET EGGS \$5.00-100. Mrs. J. G. Stephens, Corning, Kan. WHITE ROCK EGGS, \$5.00-105. PRIZE winners. Henry Hoover, Rozel, Kan. RINGLET BARRED ROCK EGGS \$5.00 PER 100. Mrs. Lynn Bailey, Lyndon, Kan. 100 BUFF ROCK EGGS \$5.00; 50-\$3.00. Mrs. Maggie E. Stevens, Humboldt, Kan. PARK'S 200-325 BARRED ROCKS, EGGS \$8.00-100, prepaid. R. B. Snell, Colby, Kan. PURE WHITE ROCK EGGS, \$5.00 hundred. Mrs. J. E. Bowser, Abilene, Kan. PURE WHITE ROCK EGGS, FROM CULLED flock, \$4.00-100. Irvin Kreutzler, Marion, Kan. BRADLEY BARRED ROCK EGGS, \$5.00 per hundred delivered. D. Socolofsky, Marion, Kan. BUFF ROCK EGGS \$6.25 PER HUNDRED. Prepaid. Culled flock. Mrs. J. M. Hoover, Route 2, Lyons, Kan. PARKS-HOLTERMAN BARRED ROCK eggs, 285 egg strain, \$6.00-100. Ethel M. Brazelton, Troy, Kan. BARRED ROCKS, LARGE BONE, YELLOW legged, heavy laying, 100 eggs \$6.50. Mrs. Ira Emig, Abilene, Kan. BUFF ROCKS, STATE CERTIFIED B-PLUS. Eggs \$1.50-15; \$3.50-50; \$6.00-100. Olive Holmes, White City, Kan. THOMPSON'S RINGLET ROCK EGGS, from culled flock, good layers, \$4-100. Bertha Shirley, Olivet, Kan. RINGLET BARRED ROCKS, STATE CERTIFIED grade "A". Flock eggs \$10 hundred. Special matings \$5 to \$10 per 15. Fertility guaranteed. Wm. C. Mueller, Hanover, Kan., Rt. 4.

PLYMOUTH ROCKS—Eggs

WHITE ROCK EGGS, \$5.00 PER HUNDRED. Chas. Taylor, Chase, Kan. BUFF ROCKS, CERTIFIED B. EGGS, \$7.50-100, prepaid. Fertility guaranteed. Mrs. T. W. Baker, Pratt, Kan. BARRED ROCK EGGS FOR HATCHING, Park's 200 egg strain, \$2 setting, \$10-100. Gem Poultry Farm, Haven, Kan. BARRED ROCKS—STANDARD BRED. Eggs 100-\$6.50; special 15-\$3.00. Postpaid. Mrs. J. B. Jones, Abilene, Kan. WHITE ROCK EGGS, 100-\$5.50; CHICKS \$100-\$14.00. Live delivery prepaid. Mrs. Theodore Steffen, Broughton, Kan. THOMPSON'S IMPERIAL RINGLETS, Large type, beautifully barred. Eggs \$6.00-100, \$3.50-50. Ed Edwards, Lyons, Kan. WHITE ROCKS EXCLUSIVELY, FARM range, heavy laying strain. Eggs \$6.00 hundred. Mrs. Sam Lash, Rt. 2, Abilene, Kan. WHITE ROCK EGGS, \$6.00 HUNDRED. Baby chicks, Halback strain. Winners, heavy layers. Walter W. Peden, Route A, Lewis, Kan. BUFF ROCK EGGS, CAREFULLY CULLED flock, good winter layers, \$6.00 per 100. Parcel post prepaid. Mrs. Alfred Woodward, Burdett, Kan. FOR SALE: SETTING EGGS FROM MY prize winning White Rocks. Heavy laying strain. Also few cockerels. Mrs. J. Baker, Troy, Kan. WHITE ROCKS: 200-214 EGGS TRAPNESTED strain. Eggs \$5.00, \$7.00 per 100. Fertility guaranteed. Wray's White Rock Farm, Sawyer, Kan. WHITE ROCKS, EXHIBITION, TRAPNESTED, 200 egg strain. Will lay when it is cold, win where it is hot. \$5.50-100 delivered. H. C. Loewen, Peabody, Kan. PURE "RINGLET" BARRED ROCK EGGS. Selected heavy winter layers. Range, Fifteen, \$1.00, fifty, \$3.00, hundred, \$6.00. Postpaid. G. C. Drescher, Canton, Kan. LINDAMOOD'S BARRED ROCKS, LIGHT and dark, standard bred, state accredited. Range eggs \$6.00 per 100. Special matings \$5.00 for 15. C. C. Lindamood, Walton, Kan.

RHODE ISLANDS

ROSE COMB RED COCKERELS, \$1.50, \$2. Mary Moyer, Oakhill, Kan. DARK ROSE COMB RED COCKERELS, \$2.00 each. Ed Bohn, Alma, Kan. S. C. REDS, FINE HEALTHY COCKERELS \$2.00. Francis Long, Madison, Kan. SINGLE COMB R. I. RED COCKERELS \$2.00. Frank Shepard, Solomon, Kan. ROSE COMB REDS, TOMPKINS STRAIN direct. Cockerels \$3, \$4. Allen Lard, Bala, Kan. PURE ROSE COMB RED COCKERELS; large, dark, vigorous, \$2.50, \$4.00. Earle Bryan, Emporia, Kan. PURE BRED LARGE TYPE DARK RED S. C. Rhode Island cockerels, \$2.00. Mrs. Gust Allen, Maplehill, Kan. ROSE COMB REDS, BEAN STRAIN; cockerels \$3.00, eggs \$2.00 setting. W. A. Fish, Concordia, Kan. EXTRA FINE S. C. RED COCKERELS, guaranteed to please, \$5, \$10. W. J. Stewart, Moline, Kan. ROSE COMB RHODE ISLAND WHITE cockerels \$3.00 each. Fine birds. Elias Hoagland, Burdett, Kan. PURE BRED SINGLE COMB RHODE Island Red Cockerels, farm raised, \$2.50 each. J. H. Vernon, Oberlin, Kan. SUPERIOR CHICKS, SINGLE COMB REDS. Free catalog. Eggs \$10 per 100; chicks 20c. Lloyd Tindell, Burlingame, Kan. SINGLE COMB REDS, OWEN'S; COCKERELS, pullets. Best blood lines back of them. \$2, \$5. Sol Banbury, Pratt, Kan. RICH DARK ROSE COMB REDS, TRAPNESTED eggs, 15-\$1.25, \$6.00-100. Chicks 15c. Prepaid. D. B. O'Neill, Ransom, Kan. ROSE COMB RED COCKERELS DIRECT from state certified class A, \$3.00, \$5.00, Eggs, chicks. Mrs. Alex Leitch, Parker, Kan. S. C. RHODE ISLAND COCKERELS, EVEN red, good under color, best of blood lines, excellent breeders, \$3.50 and \$5.00. R. A. Bower, Eureka, Kan. PURE ROSE COMB REDS; COCKS AND cockerels. Good laying strain, \$3.00 and \$2.50. Eggs \$1.25 setting, \$6.00 hundred. G. H. Meier, Alma, Kan. ROSE COMB RHODE ISLAND RED COCKERELS, dark even color, large type. Prize winning stock, \$3.00, \$5.00. Satisfaction guaranteed. Mrs. H. P. Wheeler, Rozel, Kan. ROSE COMB RED COCKERELS, WELL marked, dark, \$5.00, \$3.00. Baby chicks 15c each. Eggs, pen 1, \$5.00; pen 2, \$5.00-100; range \$6.00-100. Edith Courter, Wetmore, Kan. S. C. RHODE ISLAND WHITES, AS PRO-life layers, the peer of the best, excelled by none. Fifteen, two fifty; one hundred, seven dollars. Prepaid. J. H. Lansing, Chase, Kan. OLDEST STATE CERTIFIED CLASS "A". Trapped, pedigreed, Rose Comb Reds. High production, exhibition, non-sitting, combined. Extra quality cockerels \$5.00 to \$15.00. Eggs. Mating list or request. Satisfaction guaranteed. Mrs. James Gammell, Council Grove, Kan. STATE CERTIFIED CLASS "A" SINGLE Comb Reds. Exceptionally fine cockerels from trapped hens. \$5.00 to \$15. Eggs; range flock, 100-\$10.00; 15-\$2.00, prepaid. Trapped pen matings, 15-\$5.00 to \$7.50; 50-\$15.00. Write for mating list. Mrs. Sophia Lindgren, Dwight, Kan.

RHODE ISLANDS—Eggs

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RHODE ISLANDS—Eggs

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WYANDOTTES—Eggs

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WYANDOTTES—Eggs

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BOURBON RED TURKEY TOMS \$10. Ellen F. Melville, Eudora, Kan.
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FINE BOURBON RED TURKEYS, TOMS \$5.00, hens \$5.00. White tails. Sadie Struthers, Rozel, Kan.
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TURKEYS, BRONZE, BIRD BROS., GOLD-banks direct. Big, lusty, early hatch, beautifully plumaged; toms \$10 up; hens \$7 up. Mrs. Iver Christenson, Jamestown, Kan.

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TURKENS: STOCK AND EGGS. ORDER early. Grayce Hulse, Stockton, Kan.

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HATCHING EGGS, JERSEY BLACK GIANT, Single Comb Red, Golden Seabright Bantams. Free descriptive folder. Sibley's Poultry Farm, Lawrence, Kan.
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WANTED: SEVERAL HUNDRED PURE bred fowls of all leading varieties; also Runner Ducks. Name lowest wholesale price and describe what you have quick. P. W. Frehse, Clarinda, Iowa.

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PREMIUM PRICES PAID FOR SELECT market eggs and poultry. Get our quotations now. Premium Poultry Products Company, Topeka.

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BROODERS—COAL OR KEROSENE INEXPENSIVE easily operated. Write Post, Mound City, Kan. Also pure bred chix or eggs; Leghorns, Wyandottes.

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CHIX HATCHED \$4 PER HUNDRED. Edith L. Whitehead, Meriden, Kan.
CUSTOM HATCHING, FOUR DOLLARS hundred. Write for space. Chicks returned postpaid. Queen Hatchery, Grand Island, Neb.

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SELL on crop payment plan. Pay 1/2 crop \$29 acre. Fine crops. Ely, Garden City, Kan.

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77 ACRES black land, no rocks or timber. All tillable, 5 room house and buildings. Town, 2 mi. F. Arnold, Mapleton, Kan.

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FOR SALE BY OWNER, well improved half section, Scott Co., Kan., abundance good water, school and town close, good orchard, desirable place for a home. Lawrence Neaderhiser, Manchester, Kan., Rt. 2.

160 ACRE FARM, well improved, 8 producing oil wells, 3 miles to good R. R. town with good High School, 1 mi. district school. Reasonably priced. F. S. Royer, R. R. 2, Wellsville, Kan.

320 ACRES improved land, half in grass and half in cultivation, 1/2 mile north of Gem, Thomas County, Kan. Immediate possession, close to good High School, \$3,000 down, balance easy terms. Price \$37.50 an acre. J. R. Comely & Son, Colby, Kan.

900 ACRES, level well improved farm, 2 1/2 miles Edson, Kan. Price \$40 per acre, terms. 180 acres in Manitoba, \$25 per acre. 150 acres, coal land, Routt Co., Colo. \$70 per acre. Above land must sell to divide estate. G. E. Sager, Vining, Kansas.

LARGE RANCH BARGAIN It's time to buy land now. 5500 A. highly improved, East Central Kansas. 500 A. cultivated Creek bottom. Balance fine pasture, \$50,000 cash, balance on terms. Price \$200,000. Just think of it. Less than \$40 per A. for as good as you can buy. Let us show you this and other land bargains large or small. Twin Valley Realty Co., 113 1/2 S. Santa Fe, Salina, Kansas.

ARKANSAS

1,000 ACRES very fine Arkansas bottom land, on railroad close to town with good school, 1/4 recently cleared, balance cutover, this is very best grade of sandy loam land. \$35.00 per acre, half cash. Balance in 5 yrs. 8%. Peter Sain, Tillar, Ark.

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ALFALFA produces 8 tons per acre in Diablo Valley. Good irrigated land within 50 miles of the five largest cities of Central California. Write Department "I" East Contra Costa Chamber of Commerce, Brentwood, Cal.

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80 A. GREENWOOD COUNTY, improved, price \$4800. Want Western Land. Mansfield Co., Topeka, Kan.

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320 ACRE improved ranch equipped, 50 cattle, near high school, exchange for Kansas or Missouri farm. Write Owner, R. A. Box 61, Colorado Springs, Colo.

TO EXCHANGE—10 acres, woven wire fence, fruit, shade, modern 8 room house, barn, garage, chicken house, 3 blocks from High and grade school, 7 blocks from courthouse for farm—will pay cash difference. I. J. Peckinpugh, Owner, Lyons, Kan.

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FOR SALE OR RENT: 95 acres, black loam, 1 mile from city, 45 acres plow, 10 meadow, balance pasture. All fenced, good brick house, large barn and other buildings, electrically lighted. One hundred dollars per acre. Also 160 acre farm. Terms. First National Bank, Little Falls, Minn.

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REAL ESTATE WANTED

FARM WANTED from owner lowest price sell now through Fuller Agency, Wichita, Kan.

REASONABLY priced farms wanted from owners. Describe imp. water, crops, and give best cash price. E. Gross, North Topeka, Kan.

I WANT FARMS and lands for cash buyers. Describe fully and state price. R. A. McNow, 329 Wilkinson Bldg., Omaha, Neb.

WANT to hear from party having farm for sale. Give particulars, 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., 615 Brownell, Lincoln, Nebraska.

# Bred to Grand Sensation

Tried sows, fall yearling and spring gilts. Sale at my farm, eight miles west of Junction City on the "Blue Line" and four north and a half east of

## Chapman, Kan., Tuesday, March 3

Grand Sensation is a son of Sensation King and other sows in the sale are bred to Norman's Col, and Critic's Top Orion. Also a few good young boars and sows with litters at side. This bred sow offering has been carefully fed and grown and are bred for early spring farrow. Sale under cover if weather is bad. Sale catalog sent upon request to

**E. E. Norman, Owner, Chapman, Kan.**

Jas. T. McCulloch, Auctioneer. J. W. Johnson, Fieldman, Mail and Breeze.

### HORSES AND JACKS

## Percherons

A dispersal sale of one of the best little herds of reg. Percherons in the west. Sale at the Carl Heine farm near Lucas, (Lincoln county)

**Lucas, Kan.**

**Wednesday, March 11**

16 Registered Percherons as follows: Our 2000 pound undefeated grand champion herd sire that was champion as a colt at the International, grand champion two year old at the Royal, etc. 1 four year old stallion, weight 1900, one seven months old stallion colt from imported dam, 13 registered mares, ranging from two to eight years old. All recorded in the Percheron Society of America.

For sale catalog address  
**CARL HEINE, LUCAS, KANSAS**  
Auctioneers: R. H. Dengate, Loyal E. Beverly

Good morning train connection out of Salina morning of sale and evening train back.

## Percheron Sale!

I will sell at Public Sale at the Horse Barn on the  
**Topeka Fair Grounds, March 12**

The following described Registered Percherons. My 2150 lb. grey herd sire 8 yr. old, 2 black 1900 lb. stallions, 6 yrs. old, 5 good mares in foal from 3 to 7 yrs. old, 4 2-yr.-old mares, 4 1-yr.-old mares, 4 weaning mare colts. Also three big black Jacks, 5 yrs. old. This stock is all my own raising and is strictly guaranteed as represented. Sale begins at 1 P. M. sharp.

**M. G. BIGHAM, Owner, Ozawie, Kansas.**  
C. M. Crews & Son, Auctioneer.

### REG. PERCHERONS

Stallions and mares sired by MOLOCAS 130410 by C. A. S. I. N. O. 27830 - 45462. 20 to select from, good individuals and none better bred. Priced low. Farm one mile from Briggs station on Interurban R. R.

**A. H. Taylor & Son, Sedgwick, Kansas.**

### 3 Big, Black Mammoth Jacks

For Sale with white points, also 1 Suffolk Punch Stud, Registered. Colts to show. Address  
**ROBERT SAYLOR, SALEM, NEB.**

### PUREBRED PERCHERONS

Of the best breeding. For sale stallions, mares and colts of different ages. Also 2 choice pair of four year old grey geldings. Inspection invited.  
**Chas. F. Rezeau, Cullison (Pratt Co.), Kan.**

### Percherons—Belgians—Shires

10 stallions weighing from ton to 2300 lbs. 20 mares from 1800 to a ton, good enough to win wherever shown. Jos. Rouselle, Seward, Neb.

### JACKS

Plenty of them the right kind and ages, also good young Percheron stallions, a good Morgan stallion and some good mules. A written guarantee with every jack or horse.  
**WINEMAN'S JACK FARM, Dighton, Kansas**

### 5 Jacks—Large and Heavy Boned

Two black ton Percheron stallions, 1 Morgan stallion. Will sell or trade for land in Central Kan. or Central Neb. Also 20 head of big mules.  
**J. P. MALONE, LYONS, KANSAS**

### FOR SALE

2 Registered Percheron Stallions and 2 Registered Jacks.  
**JOE FOX ESTATE, GREELEY, KANSAS**

### CHESTER WHITE HOGS

## CHESTER WHITES

40 Bred Sows and Gilts  
**HORTON, KAN., FEBRUARY 25**  
Many of them bred to Kansas Bob, first prize boar, American Royal, 1924. They are by such boars as Blue Grass Giant, Blue Grass Again, Blue Grass King, etc. The sale is next Thursday.  
**M. E. GOODPASTURE, HORTON, KAN.**

### ABERDEEN ANGUS CATTLE

## Registered Angus Cattle

We have a nice lot of heifer and bull calves for sale at very reasonable prices.  
**H. L. KNISELY, TALMAGE, KANSAS.**

### DUROC HOGS

## 400 DUROC BRED SOWS

All reg. Prize winning blood. Guaranteed in farrow. Special delivered prices on car load lots. **F. C. CROCKER, Box M, Elley, Neb.**

## VERY CHOICE BRED GILTS

We offer for quick sale a few nice gilts to farrow in March and April. Very best of breeding. Prices reasonable.  
**WOODY & CROWL, BARNARD, KANSAS**

## Duroc Jersey Bred Gilts

Sensation and Pathfinder breeding. Bred for March and April. Good ones priced so farmers can buy them.  
**HOMER DRAKE, STERLING, KANSAS**

## Some Choice Yearling Duroc Males

For sale, also early summer boars and fall pigs. Have shipped to 68 different counties in Kansas. Write your wants to **J. E. WELLER, HOLTON, KANSAS.**

### SPOTTED POLAND CHINA HOGS

## Bred Sow Sale

Reg. Spotted Polands

**Chapman, Kan., Feb. 26**

Very choice selections from the herds of

**L. E. Acker  
E. F. Dietrich & Son  
Wilkins & Anderson**

Sows and gilts to farrow in March and April. The blood of Improver, Pickett, Pathmaster, Carmine, Designor, and Eliminator Marvel. For catalog address

**W. N. Wilkins  
Chapman, Kansas**

Auctioneer: **Jas. T. McCulloch  
J. W. Johnson, Fieldman, Mail  
and Breeze**

### JERSEY CATTLE

## 100 Reg. Jerseys

For Sale from Jackson county's famous herds. Some R. of M. cows among the offering. All tuberculin tested and priced to move immediately. Come and get some real Jerseys. For descriptive circular write **R. A. GILLILAND, Denison, Kan.**

### FOR SALE

Registered Jersey Bulls ready for service. Sired by Belva's Premier Pogs No. 201227 from Register of Merit Dams (Raleigh Breeding). Herd Federally Accredited.  
**T. D. MARSHALL, SYLVIA, KANSAS.**

## Sylvia Jersey Ranch

bull bred by HOOD FARM, 7 half sisters averaged over 500 lbs. fat as two year olds. One topped Hood Farm dispersal. Keeping his heifers. Offer him for \$250.00. **C. C. COLEMAN, SYLVIA, KANSAS**

## Jersey Bull Calves for Sale

By a son of Fern's Wexford Noble. All from Register of Merit and Class Champion cows. Price \$75 to \$100. Herd Federal accredited.  
**CHAS. H. GILLILAND, MAYETTA, KAN.**

## Jersey Cattle Sale

Burton, Kan., Feb. 26th, dispersion of Pure bred and grades, including registered bull. **HENRY KIEWER, Burton, Kansas.**

## JERSEY BULLS READY

for service. Sired by bull whose dam has average record of 971 pounds butter for four years. **J. R. IVES, MT. HOPE, KANSAS.**

## BABY JERSEY BULLS

Hood Farm breeding, out of high producing dams. \$50 each reg. and transferred.  
**PERCY E. LILL, MT. HOPE, KANSAS.**

### HEREFORD CATTLE

## Reg. Herefords

For sale 20 yearling bulls, 20 yearling heifers. Car load of young cows, bred or with calves at foot. Fairfax and Anxiety breeding. **A. R. SCHLICKAU, HAVEN, KAN.**

## To Save Wild Life

A bill looking to the protection and promotion of game life in Kansas, which provides for a commission without salary constituted of two persons interested in the subject and of the governor and game warden, ex officio, deserves sympathetic consideration in the legislature.

What should Kansas do to check the destruction of game life? It is a matter in which time should be taken by the forelock, and even at that, the forelock is pretty thin and short. Game has been diminishing and its disappearance can be predicted, if the natural habitat of wild life is steadily shrinking, by neglect and by the encroachment of adverse interests.

A legislature that will make a start in preservation of game life will be blessed by children and grandchildren for its foresight and its appreciation of other things than the current price of hogs and the tax rate.

Not much is required under this bill, drafted with care and after much conference and consultation, not by cranks, but by lovers of game who have knowledge of the situation.

The constitution of the commission, seems to us, is wisely worked out. Placing the governor on the commission is a safeguard against expense and is valuable as bringing every governor in touch with this matter. The commission would go slow, but would set up a program that is capable of development, with little expense to the state, and maximum results in an increase of all desirable forms of wild life.

It must be recognized that fish, bird and animal game must vanish within a limited time in Kansas if their natural habitat is taken gradually away from them. If we do not want to suffer this real deprivation we will make a start of building up living places for game life. We want to destroy animal pests, but to protect and preserve wild life that is not only economically useful as a foe of insects and for food, but in an esthetic as well as sporting way too precious to permit to perish.

## At 14 Billions Now

The 1920 Census reported the farm mortgage debt of the country in the preceding year—the year before the agricultural collapse—at 4 billion dollars. Now the national president of the Farmers' Grange estimates the farm mortgage debt at 14 billions. A hundreds years to build it to 4 billions and five years to raise it 10 billions is going some.

## Food Exports Gained

The value of the exports of the principal food products in 1924 was \$1,040,552,984, as compared to \$880,306,071 in '23. During the pre-war period the average value was about 1/2 billion dollars.

Wheat contributed 121 million dollars of the increase; 166,301,738 bushels were exported in '24, as compared to 98,553,482 bushels in '23.

## 268 for Better Crops

The Kansas Crop Improvement Association has 268 members; the average income of every member from seed sales last year was \$227.85.

## LIVESTOCK NEWS

By **Jesse R. Johnson**  
463 West 9th St., Wichita, Kan.

W. E. Nichols, Valley Center, Kan., belongs to the old guard of Poland China breeders. He has been in the business now for about 40 years and says that unless all signs fall it will be a lucky fellow that has some for sale next fall. Mr. Nichols is keeping over 18 sows for spring farrow.

C. G. Loyd is one of the good Holstein breeders located in Sedgwick county. He lives at Valley Center. Starting with a few head about 10 years ago, he has kept the best females and by the persistent use of good bulls has accomplished much. He sells annually about \$3,000 worth of milk and cream and raises several good calves. He has a 200 ton capacity silo and plenty of Sweet Clover and alfalfa.

A. R. Schlickau, Haven, Kan., has one of the good Hereford herds of the state and is giving them the care and attention they received when the demand was better and prices more attractive. He has about 60 breeding cows and a good lot of heifers of different ages and plenty of young bulls. Good blood lines have always

been maintained in this herd. A Regulator sire is now in service and the females have plenty of Anxiety breeding.

A. W. Jacob, Valley Center, Kan., is steadily building up a very choice herd of Shorthorn cattle. He says the low prices of the last few years have afforded an excellent opportunity for the beginner to buy an occasional heifer or cow for much less than he ordinarily could. Mr. Jacob now has at the head of his herd the Scotch bull Lancaster Advance 2nd. The plan of keeping only the more choice bulls to sell for breeders is being followed.

J. R. Ives has been station agent at Mt. Hope, Kan., for thirteen years. As a side line he breeds registered Jersey cattle, supplies the families of his town with milk and is building up one of the good herds of the locality. Last year he sold \$3,548 worth of milk besides supplying the needs of his family and raising several calves. About twelve cows were milked on an average. A Financial King bred bull is in service in the herd. His granddam made 971 lbs. butter in one year. Mr. Ives says it takes on an average, five hours of labor per day to take care of the cows.

Percy E. Lill, Mt. Hope, Kan., started breeding registered Jersey cattle in 1910, and since that time his records show he has sold for breeding purposes a total of 47 bulls and more than 20 cows and heifers. He still has a herd of 25 headed by Hood Farm bulls. One of them a grandson of Pogs 89th of Hood Farm. An average of 12 cows have been milked the past year and the records show that from this source the income of \$1,225 has been received. Besides this the family of nine have had all the milk, butter and cream they could use. So Mr. Lill says the Jersey is the farmer's best investment.

The Southwest Royal Livestock show and sale, Oklahoma City first week of March, bids fair to be the big event of the southwest this spring. Entries are full and a great variety of good stock will be sold in the three or four days' auction. Among the consignors are the Columbia Stock farm, Kansas City, Mo., Shorthorns, Klaus Bros. of Bendona, Kan., sell Herefords, E. H. Lookabaugh, Watonga, Okla., sells Polands; F. E. Fillmore, Maxine, Okla., consigns Hampshire hogs and F. W. Harding of Waukesha, Wis., has consigned a large number of Shoptshire sheep. These and many others are sending representatives both male and female from their herds. F. S. Kirk is writing the catalogues and managing these sales. His address will be Oklahoma City, until after March 1.

G. M. Shepherd, Lyons, Kansas, held his annual bred sow sale at the farm Feb. 10. It was the first sale of the season for this part of Kansas and there was considerable speculation as to the outcome, and prices received were very satisfactory and indicated a strong demand especially among farmers and beginners. Although a single animal sold above \$65.00 and only one sold below \$40.00, a general average of almost \$55.00 was made. The top sow went to Bollard Bros., Topeka. James Millholland of Lebanon was a good buyer as also was Wm. Huber of the same place. Harry Lovell and John Berger of Truesdale were buyers. Frank Wolf, Geneseo, Herbert Meyers, Deerfield, Albert Percival, Tescott; G. Anspaugh, Ransom; E. Hayes, Geneseo; W. H. Melchert, Lorraine, and some others were buyers from a distance. Boyd Newcom was the auctioneer.

The E. G. Hoover Duroc Jersey bred sow sale held at the Hoover Orchards farm February 14 was well attended. The day was ideal and the big interested crowd on the seats made one think of the days when men fell over themselves to buy bred sows. No big prices were recorded but the general average reflected a mighty healthy demand for Duroc sows. Roy Leonard of Newton, topped the sale at \$97.50, buying lot 2, a daughter of Orchard Sires, bred to Goldmaster for an early litter. The low price paid was \$42 and a general average of \$61 was made lacking just a little. E. E. Innis of Meade, Kan., was a good

### POLLED SHORTHORN CATTLE

## POLLED SHORTHORNS!

Beef, Milk and Butter.  
One of the largest herds.  
Bulls \$60 to \$250.  
Fine pair of Polled Short-horn calves \$150.  
Fine pair of Shorthorn calves \$100.  
Blood lines of champions.  
Truck delivery.  
**J. C. Banbury & Sons  
Pratt, Kan.**



## POLLED SHORTHORN BULLS

For sale, 8 to 15 months old, reds and roans.  
**B. H. HANSON, JAMESTOWN, KANSAS.**

### HAMPSHIRE HOGS

## Whitway Hampshires on Approval

Choice bred gilts sired by Champion and bred to champion boars. Bred sow sale in March. **F. B. WEMPE, Frankfort, Kansas.**

## SPECIAL RATES

For purebred livestock display advertising 40 cents per agate line for each insertion. Minimum number of lines accepted, five.

### FIELDMEN

Northern Kansas and Nebraska—John W. Johnson, Address Care Capper Farm Press, Topeka, Kan.  
Southern Kansas and Oklahoma—Jesse R. Johnson, Address 463 West 9th St., Wichita, Kan.  
Missouri—O. Wayne Devine, Address 1407 Waldheim Building, Kansas City, Mo. Advertising copy may be changed as often as desired.  
All changes of copy must be ordered and new copy furnished by advertiser and sent either to Fieldman or direct to Livestock Department.

**W. J. CODY, Manager,  
Livestock Dept., Capper Farm Press,  
Topeka, Kansas.**

Southwest American Livestock Exposition and Auction Sales

Oklahoma City, March 1 to 7
Sales Limited Approximately as Follows:
Tuesday, March 3rd, 2:00 P. M., 40 Poland bred sows, 5 boars. The blood of Revelation, Liberator, Big Bob, The Latchhite, etc.
Tuesday, 3:00 P. M., 40 bred Duroc sows, 5 boars.
Wednesday, March 4th, 9:00 A. M., 30 bred Hampshire sows State Fair winners, consigned by F. E. Filmore.
Wednesday, March 4th, 11:00 A. M., 75 Shropshire bred ewes, 50 of them consigned by F. W. Harding, and bred to imported rams.
Thursday, March 5th, 9:30 A. M., 40 Jersey and Guernsey females, 5 bulls.
Thursday, March 5th, 1 P. M., 25 Shorthorn females, 50 bulls. Excellent individuals, splendid pedigrees. Many 1924 prize winners. Sired by Grand Champion bulls.
Friday, March 6th, 9:30 A. M., 25 Percheron stallions, 20 mares, saddle horses and jacks. Also 5 Belgian Stallions, 5 mares.
Friday, March 6th, 1 P. M., 25 Hereford females, 50 bulls. We sell the greatest prize winning bull owned in Oklahoma. Also 1924 Grand Champion female, and Junior Champion bull. Separate catalogue for each breed. Write for the one you want. Send your entries at once for the Wichita sale, April 1, 2, 3.
F. S. KIRK, Sales Manager, Kingskade Hotel, Oklahoma City, until March 7th.

Livestock Classified Advertisements

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 permitted. Remittances must accompany orders. Minimum charge, ten words. No sale advertising carried in Live Stock classified columns.

CATTLE

A LARGE AND OLD-ESTABLISHED HERD of Jersey cattle of the ideal dairy type, bred especially for heavy production of rich milk and cream. To produce the largest cream check from the least feed, or for family use, there is no other cow to compare with No. 1 Jersey cream cows. For sale now; young purebred Jersey cows, descendants of imported prize-winners, some bred to freshen very soon, other along later, \$60 each. Tuberculin tested. Ship cheaply crated by Express, or larger number in car by freight. Satisfaction guaranteed or money back. Fred Chandler, Route 7, Chariton, Iowa. (Direct above Kansas City.)

TWO DANDY REGISTERED HOLSTEIN heifers and fine registered bull calf—\$200 for the three head. Guaranteed. Bostwick & Son, Ardmore, Okla.

REGISTERED GUERNSEY BULL CALF, 8 months old. For particulars write or call H. L. Klopfer, 503 W. 10th St., Topeka, Kan. Phone 2-3721.

FOR PRACTICALLY PURE BRED HOLSTEIN or Guernsey dairy calves from heavy milkers, write Edgewood Farms, Whitewater, Wis.

FOR THE VERY BEST HOLSTEIN OR Guernsey calves, write Spreading Oak Farm, Whitewater, Wis.

RED POLLED BULLS, ACCREDITED herd, prices reasonable. Ray Henry, Delavan, Kan.

RED POLLED BULLS AND HEIFERS, Morrison & Son, Phillipsburg, Kan.

HOGS

400 DUROC BRED SOWS—400. ALL REGISTERED, prize winning blood, guaranteed in farrow. Special delivered prices on car load lots. F. C. Crocker, Box M, Filley, Neb.

SPOTTED POLAND BOARS, BRED SOWS and gilts. Wm. Meyer, Farlington, Kan.

REGISTERED DUROC BOARS, BEST OF breeding. Guy Duvall, Bunkerhill, Kan.

O. I. C. FALL BOARS, ALSO HERD BOAR Peterson and Son, Osage City, Kan.

HORSES AND JACKS

FOR SALE, REGISTERED PERCHERON stallion sound and right in every way, black, coming 3 yr., ton horse, priced to sell. Also Reg. mares. Clem Brunker, Manhattan, Kan.

FOR SALE REGISTERED PERCHERON stallion and mares two to sixes. Also Herd stallion, Francell, John Schwalm, Baldwin, Kan.

FOR SALE REGISTERED PERCHERON stallion, good sound horse, weight 2,000 lbs. Moore Bros., Rt. 2, Cedar Vale, Kan.

CHOICE PERCHERON STALLIONS AND jacks priced so you can buy. George Schwab, Clay Center, Neb.

FOR SALE—EXTRA GOOD JACK, 6 YRS. old. Write for particulars. E. A. Moss, Eureka, Kan.

BLACK REGISTERED PERCHERON STALLION, Grandson of Casino. W. L. Reed, Kanopolis, Kan.

WILLIAMS BROS., BREEDERS OF MAMMOTH JACKS, herd headers. Garden City, Kan.

CONTAGIOUS ABORTION—PREVENTION and cure positively guaranteed. Write for folder. Sunnyside Farms, Bucktail, Neb.

buyer. Among other buyers from a distance was Bill Jones, Rose Hill; Walter Ogden, Conway Springs; Albert Messerly, Burns; Harry Iselman Jr., Sedgwick; Joe Knappenberger, Penalosa; W. J. Zimmerman, South Haven; Fred Stunkel, Belle Plaine; H. Harrington, Clearwater; A. W. Winger, Augusta, and others. Boyd Newcom did the selling.

LIVESTOCK NEWS

By J. W. Johnson
Capper Farm Press, Topeka, Kan.



H. J. McKeever, Mahaska, Kan., is selling his farm, 50 Shorthorns and 200 Poland Chinas, both blacks and spots at auction next Thursday, February 26.

C. E. Selbe, Phillipsburg, Kan., is selling registered Herefords and high grades at auction at his farm, a few miles north of Gretna, next Tuesday, February 24.

J. W. Meyer, Valley Falls, Kan., is dispersing his entire herd of Holstein dairy cattle, both pure bred and high grades in a public sale at his farm near there next Wednesday.

M. G. Bigham of Ozawkie, Kan., one of the oldest breeders of purebred Percheron horses in this section of Kansas has announced a public sale of Percheron horses and jacks to be held at the Free Fair Grounds, Topeka, March 12.

M. K. Goodpasture, Horton, Kan., who is well known as a breeder and exhibitor of Chester White hogs will sell bred sows and gilts at that place next Wednesday, February 25.

R. A. Cooley and Grant Engle, both Dickinson county Holstein dairymen, are selling high grade Holstein cows and heifers at auction at the D. S. Engle farm, south of Abilene, about 8 miles, next Friday, February 27.

D. J. Mumaw, Hoiton, Kan., will have about 30 Spotted Poland China sows to farrow next month. Mr. Mumaw looks for good prices on the hog market and a good demand for breeding stock at good prices this year.

L. E. Acker, E. F. Dietrich and Wilkinson & Anderson, all breeders of Spotted Poland Chinas in the vicinity of Chapman, Kan., are selling about 50 bred sows and gilts in a combination sale at that place, next Thursday, February 26.

Al E. Smith, Lawrence, Kan., well known as a breeder of Jacks and Percheron horses has been in the sheep business for the past two years and October 1 last had 7,000 sheep on hand. At present he has about 2500. He has made money feeding sheep.

Carl Heine, Lucas, Kan., for more than 20 years has bred registered Percheron horses of the very highest quality and now he is going to retire from the farm which he is turning over to a son and is closing out the Percherons. It is a small herd but a mighty good one. The sale will be held at the farm March 11.

E. E. Norman, Chapman, Kan., will hold his annual Duroc bred sow sale at his farm near Chapman, Kan., March 3. The sale was to have been held in February but Mr. Norman thought best to postpone it until the later date. It will be the only important breeders sale of Durocs in Central Kansas that I know of and a fine lot of bred sows and gilts will be sold.

W. R. Barnard, Belleville, Kan., is secretary of the North Central Kansas free fair and is making a big success of the big Republic county fair. In fact it is more than a county fair. It's a big district fair and is state wide and exhibitors from all over the state are invited to exhibit. Secretary Barnard is out with an attractive card announcing the 1925 dates which are Aug. 31 and Sept. 1, 2, 3, 4. The livestock entries close Aug. 20. The Nebraska state fair opens Sept. 7 and the Kansas free fair Sept. 14, and the Kansas state fair at Hutchinson, Sept. 21.

Public Sales of Livestock

Horses, Cattle, Hogs and Sheep

March 4—Southwest Royal sale, Oklahoma City.

March 6—Southwest Royal sale, Oklahoma City.

March 30 to April 4—F. S. Kirk, sales mgr., Wichita, Kan.

Percheron Horses

March 11—Carl Heine, Lucas, Kan. Mar. 12—M. G. Bigham, Ozawkie, Kan. Sale at Free Fair Grounds, Topeka.

Hereford Cattle

Feb. 24—C. E. Selbe, Phillipsburg, Kan. March 6—Southwest Royal sale, Oklahoma City.

Shorthorn Cattle

March 5—Southwest American Royal, sale Oklahoma City, Okla.

March 5—Northwest Kansas Shorthorn Breeders, Concordia, Kan. E. A. Cory, Concordia, sale manager.

March 9-10—Central Shorthorn Breeders' Sale, Kansas City, Mo. W. A. Cochel, Mgr.

Holstein Cattle

Feb. 25—J. W. Meyer, Valley Falls, Kan. April 13—Collins Farm, Sabetha, Kan. W. H. Mott, Sale Mgr.

April 15—Kansas State Sale, Topeka, Kan., W. H. Mott, Sale Mgr.

Spotted Poland China Hogs

Feb. 26—Breeders' sale, Chapman, Kan. March 3—A. W. Anderson, Stanton, Neb.

Duroc Hogs

March 3—E. E. Norman, Chapman, Kan. March 4—Breeders sale, Concordia, Kan. E. A. Cory, Sale Manager, Concordia, Kan.

Poland China and Duroc Hogs

March 3—Southwest Royal sale, Oklahoma City.

Jersey and Guernsey Cattle

March 5—Southwest Royal sale, Oklahoma City.

Hampshire Hogs

March 4—Southwest Royal sale, Oklahoma City.

Chester White Hogs

Feb. 25—M. K. Goodpasture, Horton, Kan.

Holstein Dairy Herd Dispersal

For three years this dairy has averaged 600 pounds of milk that has been sold to the condensery. Sale at the farm near town.

Valley Falls, Kan., Wednesday, February 25

This is an excellent working herd of pure bred and high grade Holsteins in good condition. All T. B. tested.

60 Choice Cows and Heifers—60

10 cows fresh sale day, 20 to freshen in March and April. 10 of them pure bred.

20 coming two-year-old heifers bred to Henry Colantha Pontiac, a son of the state record butter cow of Kansas. This bull is also included in the sale. 10 of these heifers are pure bred. 10 yearling and heifer calves.

The cows are bred to a son of U. S. Korndyke Homestead Segis. Write for sale catalog today. Address

J. W. Meyer, Valley Falls, Kansas

Auctioneers: Harry Metzger, John Trigg, Frank Blake. J. W. Johnson, Fieldman, Mall and Breeze

Public Sale High Grade Holsteins

At the H. S. Engle farm, eight miles southwest of

Abilene, Kansas, Friday, February 27

Real dairy cattle consisting of 24 cows, milking, heavy springers or to freshen soon, 8 yearling heifers, 7 heifer calves and one registered bull. The herd is federal accredited. Also the following machinery: New Racine 28-inch separator, one Ohio ensilage cutter, 17-inch, one 14-inch Ohio ensilage and hay cutter, one De Laval cream separator, size 15; seed corn, Yellow Dent, 200 lbs. Kanota seed oats, and other farm machinery. Lunch on grounds. For the sale catalog address

R. A. Cooley or Grant Engle, Abilene, Kansas

Auctioneers: Jas. T. McCulloch, Eli Hoffman, J. G. Engle. J. W. Johnson, Fieldman, Mall and Breeze

HOLSTEIN CATTLE

Hereford Sale

At the C. E. Selbe farm 7 miles north of

Gretna, Kan.

Tuesday, Feb. 24

18 coming two-year-old bulls. 12 open heifers and five young cows. All Anxiety breeding.

Also 30 young grade cows, some with calves at foot and the rest to calve this spring. 20 heifers, five red cows and 30 calves on feed.

For the sale catalog address

C. E. SELBE, Phillipsburg, Kansas

Spring Valley Farms

Breeders of high grade Holsteins for sale. Cows and heifers including several 5 to 8 gallon cows. Bull calves from heavy milkers. All T. B. tested. Our prices are to sell. Our guarantee to sell again. C. W. DONAHOO & SONS, Superior, Neb.

BRAEBURN HOLSTEINS

A few baby bulls; also cows and heifers. H. B. COWLES, 531 Kan. Ave., Topeka, Kan.

SHUNGAVALLEY HOLSTEINS

Breeding stock for sale at all times. Write your wants. Ira Romig & Sons, Topeka, Kan.

Reg. Holsteins and Durocs

Calves and pigs for sale. Inspection invited. F. E. PEEK & SON, Wellington, Kan.

Worth-While Holsteins

Heifers and calves for sale. Butterboy Houwtie Malt Canary, and King Pontian Mutual Segis breeding. Prices reasonable. GEO. WORTH, LYONS, KANSAS.

AYRSHIRE CATTLE

Nordayr Ayrshires

Choice bull calves out of high record ancestors and A. B. dams. Both granddams of their sire have advanced registry records of over 700 lbs. fat and 19,200 lbs. milk. O. M. Norby, Cullison, (Pratt Co.), Kan.

FAIRFIELD AYRSHIRES: Now offering a few young bull calves from Advanced Registry cows. Also splendid lot of useful quality heifers bred and open, from milk record dams. Grand Champion Advanced Registry sires only. Fairfield Farm, Topeka, Kan.

POLLED HEREFORD CATTLE

GOERNANDT POLLED HEREFORDS

Young bulls ready for service this spring. A few females. Prices right. This is the herd that produced three Polled Bulls that won first prize at state fairs, competing with horned cattle. Address Goernandt Bros., Cloud County, Aurora, Kansas.

TRUMBO'S POLED 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.

SHEEP AND GOATS

Gatewood Farms

Registered Shropshire Sheep. For sale: 40 bred ewes and choice ram lambs. Imported breeding. Our sheep win wherever shown.

GEORGE D. MERRITT, Haven, Kansas.

FOR SALE Two natural hornless reg. Toggenburg Does about three years old, gallon milkers, bred to a reg. Toggenburg buck. One neatly disbudded Toggenburg Doe about one year old. One natural hornless Nubian Doe about two years old, bred to a reg. Toggenburg buck. DR. O. W. GRUENEWALD, CUBA, KAN.

SHORTHORN CATTLE

Closing Out Sale

160 acre improved stock farm, 50 registered Shorthorns, 200 pure bred Polands, both blacks and spots. Sale at the farm, three miles east and one south of

Mahaska, Kan.

Thursday, Feb. 26

The farm has large barn and nearly new house, double cribs and hog and cattle sheds, two wells and equipped for a general stock farm. Carries a loan of \$5,000 for five years, balance terms reasonable to the purchaser.

The cattle are Scotch topped and many are good milkers and were winners at Kansas and Nebraska county fairs.

The hogs are the result of many years of breeding and showing, best of big types, always winning where shown. 50 bred sows and gilts. 50 fall gilts. 40 barrows and six sows and litters. All immunized and everything sold. No reserve.

Farm machinery, work horses, poultry, three Ford cars, one new. Trains on Rock Island will be met at Mahaska.

H. J. MCKEEVER, Owner MAHASKA, KAN.

Auctioneers: Chet McCurdy, Col. Waring. Mahaska Bank, Clerk.

Good Shorthorn Calves Wanted

by feeders. Use a good Shorthorn bull. We can get you a good market for the calves. American Shorthorn Breeders' Association 13 Dexter Park Avenue Chicago, Illinois.

Lancaster Advance 2nd

heads our Shorthorns. Young bulls reds and roans for sale. Scotch and Scotch Topped. A. W. JACOB, VALLEY CENTER, KAN.

Scotch and Scotch Topped

Shorthorns. Bulls from 12 to 18 months old. Yearling and two year old heifers. Write for descriptions and prices or come and see them. C. W. TAYLOR, ABILENE, KANSAS.

Young Shorthorn Bulls

Choice individuals well grown out. Reds and roans. Sired by son of ROSEWOOD DALE. Attractive prices. E. J. HAURY, HALSTEAD, KANSAS.

POLAND CHINA HOGS

Baby Polands—Either Sex

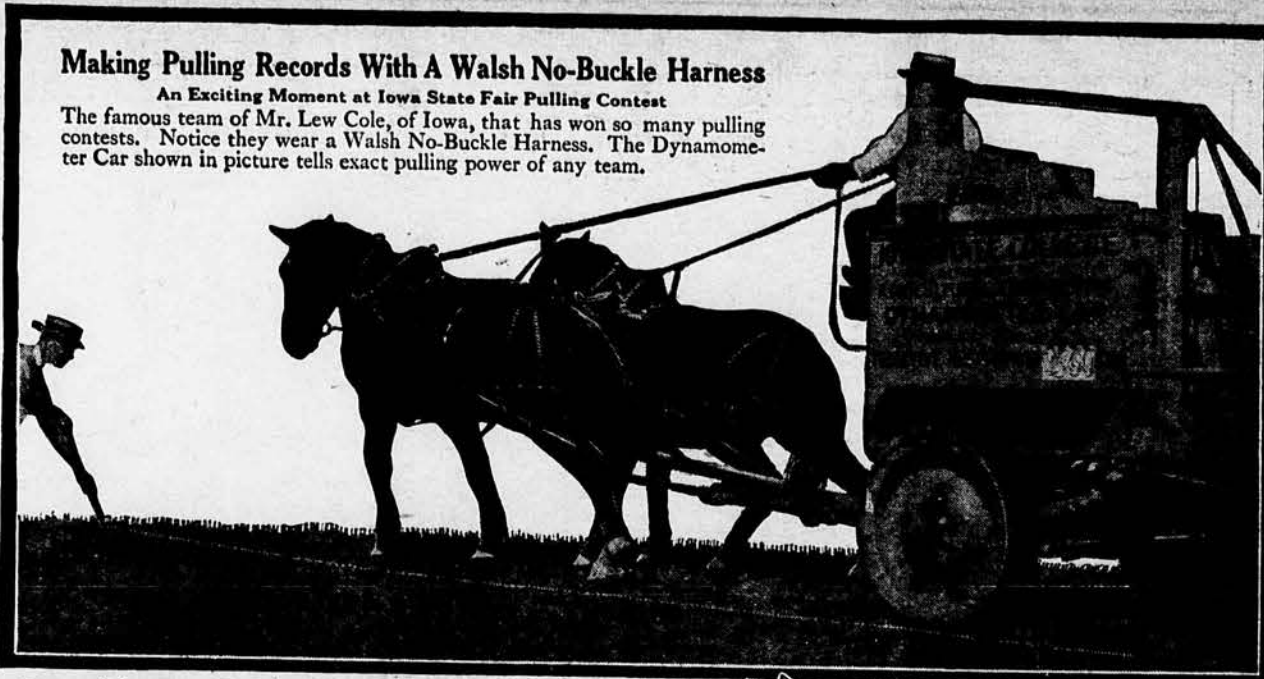
Best of breeding, registered, crated light and priced low. Also choice bred gilts. Priced to sell quickly. MILES AUSTIN, BURRTON, KANSAS.

POLANDS, either sex, by Designer and Cicotte, Jr. For Designer and Cicotte Jr. gilts bred to Liberator-Revelation. The Outpost and Checkers-Header, at former prices. J. R. Houston, Com. Kan.

**Making Pulling Records With A Walsh No-Buckle Harness**

An Exciting Moment at Iowa State Fair Pulling Contest

The famous team of Mr. Lew Cole, of Iowa, that has won so many pulling contests. Notice they wear a Walsh No-Buckle Harness. The Dynamometer Car shown in picture tells exact pulling power of any team.



**\$5 DOWN**

**After 30 Days Free Trial**

**Send No Money—No promise, not a penny down is required until you try a Walsh No-Buckle Harness 30 days on your own team. If it was not an extra good harness I could not make such a wide-open offer as this. My way of making harness without buckles or rings, has made the**

**Walsh the harness sensation of America. If it doesn't sell itself to you after 30 days' trial, don't keep it—just slip it in the box and return it at my expense. Mail the coupon for my big, new, free book that tells all about this remarkable No-Buckle Harness and explains fully my liberal offer.**



**JAMES M. WALSH**  
President

**Costs Less—Lasts Longer**

In nine years, I have built up the biggest harness business in the world by selling a better and stronger harness—a harness without buckles or rings—a harness that lasts so much longer than ordinary harness that it is far more economical to buy. Thousands of farmers in every state now own Walsh Harness. Some who bought one set to start with, bought three to six more for other horses since. To my knowledge, a Walsh Harness has never yet worn out.

- 12 Walsh Advantages**
1. No buckles to tear straps
  2. No rings or dees to wear the straps in two.
  3. Walsh Harness can be easily and quickly adjusted to fit any size work horse or mule.
  4. Only harness in the world using tested leather.
  5. Three times as strong as buckles harness.
  6. All hardware is double zinc-galvanized before being enameled to prevent rust. Irish Linen Thread used in stitching
  7. Tremendous repeat business proves the merit of Walsh No-Buckle Harness.
  8. Lowest repair cost in the world.
  9. Walsh Harness costs no more than the ordinary buckle harness.
  10. Tens of thousands of team owners have tried and proven the merits of Walsh Harness.
  11. Strongest and most liberal guarantee ever placed upon a harness.
  12. 30-Days Free Trial gives you an opportunity to try out Walsh Harness.

**World's Strongest Harness**

**Three Times Stronger Than Buckle Harness.** Buckles weaken and tear straps. As an example, a Walsh 1 1/8-inch breeching strap holds over 1100 lbs. by actual test in steel testing machine. The same strap with the buckle will break at the buckle at about 360 lbs. pull. Ordinary harness has 68 buckles. Walsh Harness has no buckles—easy to see why Walsh is three times stronger than ordinary harness. The Walsh special steel test is the most rigid leather inspection test known in the harness industry. Only the back, the choicest part of each hide is used in Walsh Harness. It is selected Northern Steer Hide, bark tanned by a special six-months process, explained in my free book.

**Friction Destroys Harness**

Rings are another thing that make harness wear out before it should. Examine your old harness and you'll find where rings have worn the straps. There are 270 places on an ordinary buckle harness where ring friction wears the straps in two. Walsh Harness has no rings. Many other advantages are explained in the big FREE Book. Write for it today.

**Adjustable to Fit Any Horse Perfectly**

In ten minutes, you can adjust a Walsh to fit any horse or mule like a glove. It's a comfortable harness, a handy harness, a handsome harness, and it stays that way. Get the free book, select any one of the ten styles; try it 30 days—not merely examine it. Put it on your team. Give it a good hard work out.

**Over 30,000 Users Praise It**

Government Experiment Stations and Agricultural Colleges are among the thousands of users in every state who praise the Walsh Harness. A team with Walsh Harness took first prize at Wisconsin State Fair.

"I have been very much pleased with the harness bought from you last spring. I am enclosing an order for another set."  
—Benj. F. Bausum, Annapolis, Md.

"I am sending for another harness. We sure like the one we bought from you. I would like to try your collars. One of our neighbors is using one."  
—Jacob Stuffle, Exeland, Wis.

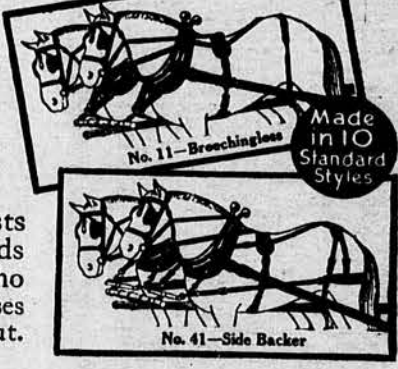
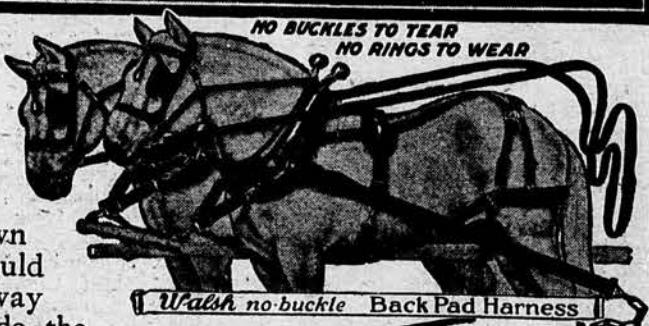
"I am sending an order for another set of your harness. I bought a set from you a year ago and am well pleased with it. I intend to use nothing but Walsh from now on."  
—C. H. Stamm, R. F. D. No. 2, Millimont, Pa.

**\$5 After 30 Days' FREE Trial**

After you have satisfied yourself that the Walsh is the best harness ever made, send me \$5.00. Balance in easy monthly installments. Otherwise return it to me at my expense and you will not be obligated in the least. Pay cash if you wish. My guarantee protects you.

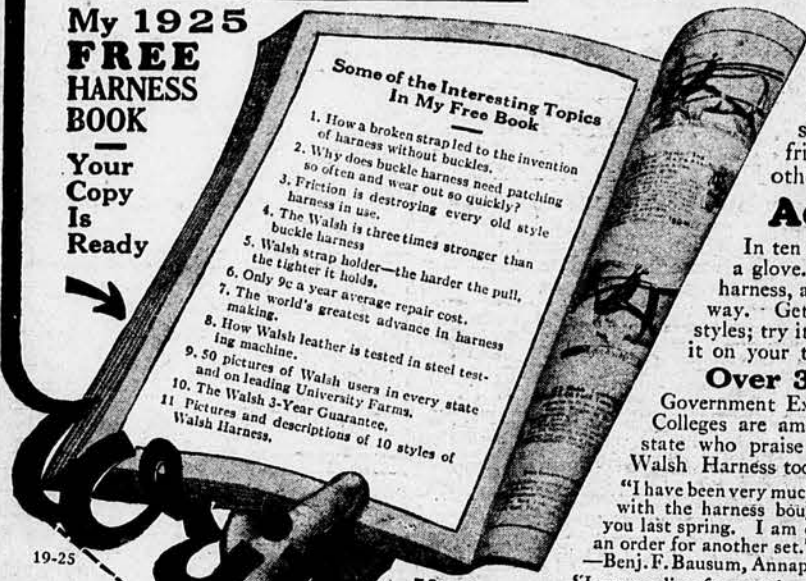
**Write TODAY** for my big free 1925 book. Simply fill out and mail coupon or postcard. The book explains everything, including my user cooperative agent plan whereby you can earn money showing Walsh Harness to your neighbors.

**James M. Walsh, President**  
**WALSH HARNESS CO.**  
338 Keefe Ave., Milwaukee, Wis.



The Walsh has no buckles nor rings

**My 1925 FREE HARNESS BOOK—Your Copy Is Ready**



19-25  
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Send me, free of charge, Walsh Harness Book, free trial offer, and liberal terms on Walsh Harness.

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Be sure and send for FREE Book whether you order Collar or not

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**Walsh NO-BUCKLE ADJUSTABLE HORSE COLLAR**

Easier on the horse; easier to put on and take off. Easily adjustable for small, medium or large horse. As the horse puts on or loses flesh, the collar can be adjusted to fit perfectly. Fine for growing colts. Always room for sweat pads in summer.

**A COLLAR AS GOOD AS THE HARNESS**

Made of finest materials by expert workmen. You'll say it's the best collar you ever owned. Order from this ad today. Satisfaction guaranteed.

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Just send your name, address and size wanted. I will send collar at once. You don't pay a penny until postman delivers to your door. Then pay \$6.30 for any size listed. Try it 30 days. Money refunded if not satisfactory in every way. Order for collar includes copy of my FREE Harness Book, or book sent free if requested.

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**\$6.30 each**  
Special Price