

KANSAS SECTION THE CAPPER FARM PRESS

KANSAS FARMER and MAIL AND BREEZE

Volume 57, Number 51

December 20, 1919



A Modern Madonna

Drawn by J. Ward Lockwood

Upon the highways
of the world, so
written that he who
rides may read, the
clean, sharp char-
acters of the Good-
year All-Weather
Tread have printed
this impressive story:
More people ride on
Goodyear Tires than
on any other kind

*This is an actual photograph
of the impression left on a
clay road by the Goodyear
All-Weather Tread*

GOODYEAR

KANSAS FARMER and MAIL AND BREEZE

Arthur Capper, Publisher

Vol. 57

December 20, 1919

No. 51

Co-operation That Works

"Business Methods for Farmers' Enterprises" is the Rule That Has Brought Success to the Co-operative Association at Wamego

By Earle H. Whitman

TRADER with yourself at your own store," is the idea upon which the Farmers' Co-operative association at Wamego, Pottawatomie county, Kansas, is building a remarkably successful co-operative enterprise. Efficient business methods, capable assistants, and loyalty of stockholders are the principal factors in the success that has come to the association.

Organization work was begun in April, 1917, at meetings of the locals composing the Farmers' Union in that section of the state. Purchasing of stock, finding a suitable location, and obtaining a manager and sales force, took until December. A local store was bought and H. E. Smith was put in charge. Mr. Smith was born and raised on a farm in Pottawatomie county, and while he did not take with him a complete experience in co-operative enterprises, he had studied the movement for several years and was well fitted for the position.

"I retained the experienced sales force already in the store and left the details of operation in their hands for several weeks while I worked out a bookkeeping system which I felt would prove satisfactory," says Mr. Smith. "There were many things about the business that I didn't know, and even at present I leave to heads of departments much of the detail work. I realized that, to be successful, the enterprise must go off well at the start, and I bent all my energies in that direction."

Did Large Business in 1918

That Mr. Smith succeeded in this ambition is well illustrated by the fact that the store account for 1918 showed total sales amounting to \$168,700. A 5 per cent refund on merchandise either for cash or in trade by stockholders was made, after the 8 per cent dividends demanded by the Kansas law had been provided for. The average overhead expenses were only 9 per cent for that year, while 15 per cent is the average amount for business concerns in that line. The stockholders have increased from 338 to 394, with little effort made toward selling more stock.

Inventory showed stock on hand January 1, 1919, valued at \$55,580. Sales up to December 1, 1919, have amounted to \$183,700—an increase of \$15,000 for 11 months over the entire sales for 1918.

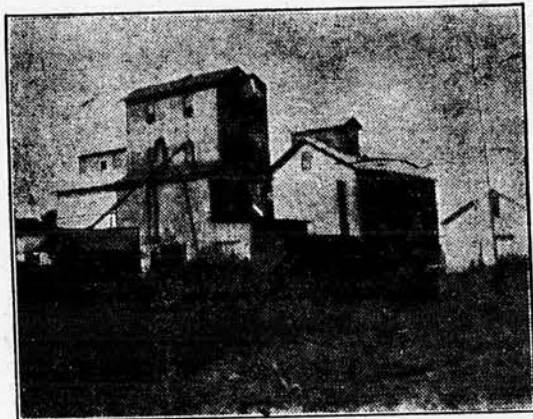
Very naturally, there was some opposition to the Farmers' Union store when it first was organized. "The farmers will try to pay more for produce than we can afford to, and will sell their goods for less," was the objection of some merchants. Nothing of the sort has been attempted. Prices, both for farm produce and for manufactured commodities, have remained about on a level with other stores. With a good town trade already established when the Union took charge of the store, the association has, if anything, increased its hold upon town customers. A free delivery system is maintained within city limits. "Yes, we're still using the horse and wagon handed down from our predecessor, but this equipment is about worn out and we plan to have a truck in the future," said Mr. Smith. This plan is in accord with the forward-looking up-to-date policy which has guided the manager and the company in their operations.

The Farmers' Co-operative association store carries a general line of merchandise—groceries, dry goods, notions, hardware and farm machinery. More space is the imperative need of the establishment just at present. The sales force is composed of 11 persons, all of them experienced in the work. Undoubtedly this force

has been of genuine assistance in making the store successful. The wide acquaintance of such men as John Regnier, with 40 years' experience behind the counter, and Charles Julien, who has been in such work for 20 years, has drawn customers to the store, while Mrs. Breymeyer, with many years of successful handling of dry goods, makes her department a valuable asset.

That most excellent business methods have been employed is shown by the service given diners on Union Pacific trains, fresh butter and eggs sent to special customers in Kansas City, Manhattan and other points, and the reputation for high-class products which has been built up to afford a ready market for all farm produce. An idea of the immense volume of business done in farm produce may be obtained from the fact that in one day \$1,700 worth of eggs were bought, candied and prepared for shipment.

"We are peculiarly well situated for trading



Farmers' Mill and Elevator at Wamego.

territory," was the comment of Manager Smith. "Always a good trading center, Wamego draws trade from both sides of the Kaw, well over into Wabaunsee county, and many miles to the north of the river. Indeed, we have approximately 300 square miles in our trade territory. And I believe merchants in other lines here in Wamego will bear me out in the statement that the Farmers' Co-operative store has been the means of attracting trade from an even wider area. Bank officials in particular have assured me that a difference in patronage could be noticed very shortly after our store was established. Farmers' Union folks are brought to Wamego more in a social way, too. The beautiful park we have here lends itself readily to picnics and similar gatherings, and town and country folks are becoming better acquainted."

It is the firm, and perhaps natural, belief of the stockholders of the company that the association embraces the most progressive citizenship of that section of the state. Undoubtedly this is true, and the stock of the store itself shows the trend toward a better farm life. A line of farm light plants has been installed, straw spreaders and all up-to-date farm machinery are in stock, and in the store proper may be noticed all the well-known and reputable brands of goods. "We find it advisable to handle the nationally-advertised lines of goods—groceries and all other lines—for customers are familiar with them and are certain of get-

ting reliable commodities. They are willing to pay more for some brand of established reputation, rather than take a chance on something they're not acquainted with."

In addition to the store itself, the association operates a cream station and also ships livestock. The cream station probably affords the most favorable opportunity for co-operative endeavor. During 1918, the Farmers' Co-operative association did a business of \$45,000, and present records show a steady increase. The most up-to-date equipment obtainable is used, and there is practically no dissatisfaction among patrons of the station. So careful and accurate are the weights given that in one month, shipping 13,000 pounds of cream to Kansas City, there was just 1-10 of a pound difference between Wamego and Kansas City weights. A refund of 3 per cent on the volume of business for 1918 was made, amounting to approximately 1½ cents a pound more for butterfat.

Only hogs are handled in the livestock department. Business was begun in April, 1918, and 72 carloads of hogs were shipped during the year. A total of \$224,000 was paid to farmers in that section for these hogs, and the number shipped was approximately 60 per cent of the total number going out of Wamego for that period.

Then Came the Farmers' Mill

The Farmers' Mill and Elevator company was the natural forward step to be taken by Farmers' Union members after the success of the store. There is no close connection between the store and mill, however, as a separate company was formed to handle the latter. When the formation of the company was first begun, the "can't be done" sentiment was strong. The doubters had to be shown—and were. Starting out to take subscriptions at midnight, after an evening's discussion of the undertaking, the supporters of the project sold stock amounting to \$60,000 by 6 o'clock the next evening. The concern is chartered for \$100,000, and the 240 stockholders own \$65,000 of the stock. As in the store, only Farmers' Union members may own stock, and each stockholder has only one vote, no matter how large his holding.

The mill company purchased the mill and elevator then in operation in Wamego and started active work last July. The business had to be built up from the bottom, as the previous owners left a legacy of little business and not too much good will. The mill now has an excellent business both in Kansas and in the East. Wheat is bought only for milling purposes, while corn and oats are purchased in Kansas City and shipped direct to small buyers for whom the mill has obtained the shipment, operating on a brokerage basis. The mill itself has a capacity of more than 200 barrels of flour daily, and the storage capacity is 75,000 bushels.

Just as in the association store, the stockholders were extremely fortunate in obtaining the services of a capable and efficient manager. H. L. Graham, Jr., manager of the mill, had seen service in large Kansas mills and was thoroly in touch with the milling business.

"There are only four or five co-operative mills in the United States," says Mr. Graham, "and only one—in Colorado—larger than ours here in Wamego. We are operating this mill on a strictly business basis, with the intention of making all the honest profit we can. We do business with any individual or concern, supplying products to all Wamego stores and shipping much stuff to other co-operative associations."

A principle which both Mr. Smith and Mr.

(Continued on Page 34.)

DEPARTMENT EDITORS
 Livestock Editor T. W. Morse
 Farm Doings Harley Hatch
 Dairying John W. Wilkinson
 Medical Department Dr. C. H. Larrigo
 Farm Engineering C. E. Jablow
 Poultry B. Reed
 Children's Pages Bertha G. Schmidt

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

ADVERTISING RATE
 50c an agate line. Circulation 125,000.
 Changes in advertisements or orders to discon-
 tinue advertisements must reach us not later than
 ten days in advance of the date of publication. An
 ad cannot be stopped or changed after it is inserted
 in a page and the page has been electrotyped. New
 advertisements can be accepted up to and including
 Saturday preceding issue.

Kansas Farmer and Mail and Breeze

Member Agricultural Publishers Association.
 Member Audit Bureau of Circulation.

Published Weekly at Eighth and Jackson Streets, Topeka, Kansas.

ARTHUR CAPPER, Publisher
 F. B. NICHOLS, Managing Editor T. A. McNEAL, Editor
 JOHN W. WILKINSON and G. C. WHEELER, Associate Editors

SUBSCRIPTION RATES: One dollar a year; three years two dollars.

OUR TWO BEST SUBSCRIPTION 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.

DEPARTMENT EDITORS
 Women's Pages Stella Gertrude Nash
 Financial Department Sanders Soslund
 Market Editor Samuel Soslund
 Horticulture John W. Wilkinson
 Women's Field Editor Mrs. Ida Miglar
 Capper Pig Club E. H. Whitman
 Capper Poultry Club Bertha G. Schmidt

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

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

Passing Comment—By T. A. McNeal

THE WORLD never needed sane thinking, unselfishness and fairness more than it needs these qualities now. Men are so ready to impugn each other's motives, so unwilling to put themselves in the other fellow's place. They could get together and if they did in a spirit of fairness there is no reason why their difficulties cannot be adjusted.

I am in receipt of a letter from a Sumner county man who has read a great deal and thought a great deal. I quote from his letter just to show his viewpoint.

In opposition to plutocracy there has been growing up what has become known as radicalism which proposes to change industry from private ownership for gain to social ownership for use. It was to head off this growing radicalism that the plutocratic owners of the world brought about the Great World War and systematically set one part of the people in the world to murdering the other part by wholesale. But it did not work out the way they planned and they got something started that they cannot find any way to stop. They have something on their hands now that they cannot shoot out of existence with Gatling guns however desperately they may try to do so.

The gentleman who wrote that no doubt thinks he is fair minded, but he is in my opinion utterly incapable of thinking sanely. I have tried pretty diligently to discover this plutocratic conspiracy he talks about, but have seen no evidence of it. His intimation that the moneyed men of the United States deliberately conspired to bring about a world war seems to me to be utterly preposterous.

Now that is the radical viewpoint. There are a good many whom I would call radical conservatives who are just as unreasonable in my opinion as this Kansas radical Socialist. Men of these extreme, unreasonable views never will bring peace to the world, they never will find a solution of the industrial problem.

For a Sane Christmas

I WOULD like to bring to the minds of the readers of the Kansas Farmer and Mail and Breeze a conception of Christmas, different from the ordinary. To a great many people Christmas means nothing more than the exchange of presents. They feel that they are under some sort of obligation to give or send presents to a certain number of other people, because the others will in all probability send presents to them.

To these people Christmas is considerable of a bore. It is not in fact a "merry Christmas" at all; on the contrary it is an occasion for worry and a burden of expense. As a rule the people to whom they give presents do not need the gifts and are themselves as much worried and bored over this exchange of presents as the people who send presents to them.

I am not going to advise the stopping of exchange of presents; I couldn't stop the custom even if I wished to do so, and I am not at all certain that I do. What I would like to do is to get a vastly broader, kindlier conception of what the day means to Christians of today.

The church dogma is that Christmas is the day on which Christ was born. That may not be historically accurate, in fact it probably is not, but that is entirely immaterial. The essential thing to keep in mind is what was the spirit and purpose of the lowly Nazarene. What did He stand for during the few years He was on earth and walked among men? What would it mean to the world if the real spirit of His teachings were to take possession of the hearts of men and become the dominant idea in government, business and the social life of the people of the world?

He taught a gospel of charity such as never has been taught by any other leader; a system of ethics that never has been put into practice in either government, business or social life.

"I say unto you love your enemies, bless them that curse you, do good to them that hate you and persecute you." How many of His professed followers love their enemies? How many of the hundreds of millions who are called Christians, truly and sincerely pray for them

which despitely use them from time to time?

Standing on the mountain in the presence of the multitude He further commanded: "Judge not, that ye be not judged." That certainly did not mean that men should have no opinions, no standards of right and wrong, but it meant that there should be the broadest spirit of toleration for the opinions and acts of other men, and then came the summing up of His philosophy, His universal rule to be applied to business and social life: "Whatsoever ye would that men should do to you, do ye even so to them; for this is the law and the prophets." It does not matter whether as a matter of fact Jesus of Nazareth was born on December 25, according to our calendar; it does not even matter what your views may be concerning His nature, His birth, or His divinity. It seems to me that it does not so much matter whether His birth was a miraculous birth; whether He was in fact a God come to earth to atone for the sins of the race, or a human being, a man born as other men are born, mortal as other men are mortal, but gifted with the sweetest and wisest and purest mind ever placed within a human body, the great fact remains that He came and taught a philosophy and rules of conduct, which if actually put into operation thruout the world would solve every social and political problem, bring universal and lasting peace, abolish poverty, make unnecessary all penitentiaries, jails and criminal courts; stop profiteering, strikes and sabotage; increase the production of the earth at least fourfold; and fill the whole earth with the music of gladness.

Under His teaching, if put into practice, the highest ambition of men and women everywhere would be to render the utmost service in their power to their fellowmen. There would be universal co-operation, a striving for the highest efficiency and the greatest production of those things which contribute to the comfort, happiness and advancement of mankind, instead of devoting the greatest capacities of men to destruction. "Seek ye first the kingdom of God and His righteousness."

He also commanded. What did He mean by the Kingdom of God? Was He referring to some future state, to be attained after death? I do not think so. I think He had in mind the Kingdom of God on earth, which might be attained if men would but understand and follow His teaching.

On Christmas eve in a million places, perhaps, Christmas trees will glow with lights and hang heavy with the gifts, some cheap and some costly. Many millions of dollars will be spent in buying presents. Perhaps a few millions will be spent in bestowing what is called charity among the poor and after the work and worry are over the people engaged will go back to the old methods, the old selfish struggle to get the advantage of their fellowmen in trade and trusting to fear and force to govern and control society instead of the Golden Rule.

Are we going to get any of the real Christmas spirit? Are we going to be any more fair minded, more charitable, more willing to use



our powers in the service of our fellowmen after Christmas than before? If not then so far as we are concerned Christmas will be a failure; the pealing of bells will not be the harbinger of a new and better civilization, the beginning of the Kingdom of God on earth, but the jangling discord of hypocritical pretense.

It is almost 2,000 years since Jesus of Nazareth lay in His swaddling clothes in the humble manger in Bethlehem and the angelic choir sang the glad new song "Peace on Earth, Good Will Toward Men." Almost 20 centuries have come and joined the innumerable aeons of the past, since the carpenter's son walked by the shores of the Sea of Galilee, comforted the afflicted, healed the sick, and wept with the poor by the side of their uncoffined dead. Twenty centuries since He taught his philosophy of the power of love and fair dealing, and not a century has passed that has not seen the earth rocked by the storm of myriads of battles and drenched with the blood of warring men. Not a century but has been filled with hate and murder and lust and unspeakable cruelty and oppression. Millions of church spires have pointed to the sky and millions of organs have shaken the rafters with their thunderous melody; millions of lips have repeated the words He uttered from the top of the Judean hill, but the world has what seems to be an infinite distance yet to travel before the Kingdom of God He talked about shall be established among the children of men. Perhaps we expect too much of frail and selfish mortals; or on the other hand perhaps the Kingdom is nearer than we think.

At any rate at this Christmas time you can try your best to do some act of real unselfish service for your fellowmen and if you do you will be getting at least a little of the real Christmas spirit which is to save the world if it is to be saved.

End of the Coal Strike

ARE the people of the United States to have peace? Is there to be a real resumption of production of coal, which is essential to the comfort of a vast majority of our citizens and the carrying on of all industries? We were told last week that the strike was settled and that the production of coal would be resumed at once. As I write this the outlook is far from satisfactory. Neither side to the controversy is satisfied. The miners are resentful and defiant, and at least some of the operators are insisting that they cannot comply with the government order to raise wages 14 per cent without increasing the price of coal.

The members of the United Mine Workers Union are generally loyal to their order, more so apparently than they are to the government or its courts. Taken altogether the state of mind of the people is not that which portends a friendly and lasting settlement. It seems to me that there is less evidence of a general spirit of fairness and conciliation than I ever have seen.

Governor Allen has called the legislature to meet in special session for the purpose of putting a plan into law which will prevent strikes and hereafter settle industrial disagreements and strife. The object he has in view is magnificent. He is to be commended for having the courage at least to try to attain such a thing. It is worth while to try, for in no other way can industrial peace be obtained except by establishing some sort of tribunal which shall have the power to settle industrial disputes. But is it possible to establish such a tribunal and make it a success?

I believe it is, but only in case there is a spirit of fairness and willingness to adopt the Golden Rule as the standard, the rule by which the rights in these disputes shall be determined and settled. At this time it does not seem to me that this spirit generally prevails.

A member of the Kansas Senate says that he was a few days ago called into conference by a business man who desired to talk about the coming session. The business man told the Senator that this is the time to put a crimp in labor organizations. Perhaps that business man is not a fair representative of business men generally, but he does represent a considerable sentiment. The representatives of labor organizations on the other hand will come to Topeka next month, filled with suspicion that the purpose of calling the legislature is to "put a crimp" in labor organizations. With that sort of feeling on both sides it will be next to impossible to find a satisfactory plan for settling industrial disputes.

If ever the world needed a baptism of love and kindness it is now. At present the people are dividing into hostile camps; both sides are filled with the idea that the world must be run by force and hate; that there must be a struggle between classes, and one side or the other must be destroyed. There is no hope for the world in that theory. It means finally that our

civilization must be destroyed and if it is overcome by the revolutionists they have nothing better to offer. They propose to overthrow class rule and establish another class rule in its place. The world needs a genuine revival. It needs the baptism of the spirit of Christ.

Governor Allen, as I believe, is entirely sincere. He is honestly trying to find a remedy, one that will prevent, so far as Kansas is concerned, a recurrence of the conditions under which we are suffering. I most profoundly hope that he may succeed. His plan is worth trying. His industrial commission should be composed of men of unimpeachable honesty, of great good sense, of great humanity and with a passionate love for justice. Not more than one member of the commission should be a lawyer if the commission is composed of three men, and not more than two should be lawyers if the commission is composed of five men. No consideration should be given to the politics of the men who are appointed on that commission, and they should have an eye single to the business they are selected to perform. They should be men of great moral courage, men who will be unwilling to compromise the right for the sake of expediency and who will have the nerve to stand by their decisions.

There are men in Kansas with all of these qualifications I have no doubt; but they are not very easy to find. There are many men who have some of the qualifications but lack others which are just as essential. There are men who are entirely honest but who lack judgment. There are men who are filled with kindness and mercy but who lack firmness and who do not seem to understand that while justice should always be tempered with mercy, wrong must be punished in order that justice may be done. There are men whose impulses are right but who lack that firm courage which will dare to stand by a decision even if it is temporarily unpopular, but which they know to be just.

The selection of the commission, if one is formed, will probably rest with the governor. There will be a strong pressure brought to bear on him to play politics, to make the appointments with an eye to his own political advantage. Perfection must not be expected but in this case the best possible politics would be to ignore the old political rules and select men wholly with reference to their peculiar fitness for this position. Either the commission when appointed will be the most important ever called into existence in this or any other state, or else it will be a failure, another board to add to the expenses of the state without accomplishing anything worth while.

Why I am Against It

A FRIEND of mine writes me that he is amazed to learn that I am not in favor of the nomination of General Wood for President. I am opposed to the nomination of General Wood on just one ground. I have heard him talk and his hobby is universal military training. If we are to have a President who believes in that I would just as lief have General Wood as any other man. If Roosevelt had lived I would have been opposed to his nomination for the same reason that I am opposed to the nomination of General Wood.

I have gone over the arguments in favor of universal military training with a good deal of care and the more I study them the more opposed I am to the theory. The supporters of General Wood say that he is only in favor of a very short period of military training. Why? If military training is a good thing, then the young men ought to be kept in training long enough to make them well drilled soldiers. There is no use of doing a half job of it. In fact it would be better to have the best military system in the world if we are to have one at all.

The fact is that a short period of compulsory military training is worse than a long period of any two or three years. It will require as many officers to train the young men for short periods as for long periods, more in fact, because the officers are dealing constantly with raw men. After a man has been in training for a year or so he doesn't need so much attention from commanding officers and furthermore the men who have been in training for a year or more can help train the new recruits without the aid of many officers. Compulsory military training of all young men of 19 years, as is proposed, will call for a vast army of commissioned officers. General Martin estimates the number that would be required at 100,000.

Military training is autocratic and despotic. It has to be. It is so in every country. There is always a strife between the professional soldiers, the commissioned officers, who make the study of the science of war their business in life, and the civilians. This is true in France. It is true also in Switzerland about whose democratic army so much has been said. It will be true in the United States.

It is said that it will increase patriotism. I

do not believe it. I have talked to a good many private soldiers who went over to France. So far as I have gotten their opinions they are sore on their officers, with a very few exceptions. The autocratic rules to which they were compelled to submit rasped on their nerves, and while if the occasion should arise that they were needed to fight for their country a great many of them would go, but they would not go as willingly as they did before they experienced the exactions of military life and saw the line drawn between the privates and the commissioned officers.

My opinion is that a short period of compulsory military training, while it would not make the young men finished soldiers, would breed in them a hatred for military life and a resentment toward the government which compelled them in times of peace to submit to the harsh discipline and regulations of military life which took from them temporarily the cherished American privilege of meeting every other man on terms of social equality.

Develop the Water Power

COMPETENT engineers estimate that there is sufficient undeveloped water power in the United States to far more than equal all the power that has been developed with coal. It would be possible without a doubt to so improve electrical devices for heating purposes that practically all of the cities and towns in the country could be both lighted and heated by electricity at a less cost than the present cost of lighting and heating with coal. The development of the water power of the country to its limit would mean not only an increase of industrial development beyond imagination almost, but it would mean a saving of man power to an extent that is almost unbelievable.

The theoretical power of the Missouri River alone is more than 10 million horsepower; the theoretical power of the Kaw from Junction City to the mouth of the river is more than half a million horsepower. In order to utilize the power of either stream the channel should be straightened and I presume locks and dams should be installed. That, however, is a problem for engineers, and I am not an engineer. Great reservoirs, I think, should be constructed to impound flood waters to be used later in dry seasons. These projects are of course so huge and the expense so great that they must be developed with federal and state funds. Private enterprise will scarcely take the risk, at least for the present.

One of the pleasant dreams about the future is a time when coal smoke and coal mining will both be abolished. When manufacturing establishments, stores and private dwellings will be both heated and lighted by electricity and at a cost materially less than the present cost of heating and lighting with coal. If coal is used at all, and it must be to some extent, it will be burned in the ground and the heat and power conducted by electricity to the places needed.

There are a lot of big jobs and most useful jobs ahead for the world to do; jobs that will require all the available capital and man power to accomplish. It would be a most glorious thing if mankind generally has sense enough to quit quarreling and fighting and trying to get the best of each other, and get down to business.

What a magnificent world this might be if men only had as much sense as geese. There is room for everybody on the face of the globe to live comfortably if we only had the good sense to develop the natural resources there are waiting to be developed.

Sit Tight and Watch 'Em

I AM in receipt of a most violent anti-Nonpartisan League publication printed in North Dakota. The claim is made by this publication and it quotes figures to prove its claim, that as a result of Nonpartisan League rule in Dakota the taxes have been considerably more than doubled. There are a number of other crimes charged against the Nonpartisan League leaders, but the principal indictment is a tremendous increase of public expenses and taxation. Of course the advocates of the Nonpartisan League claim that this publication is part of an organized conspiracy to ruin the league and rob the farmers thru the grain trust and millers' combines.

All this moves me to say again to Kansas farmers, sit tight and watch the Dakota experiment. There is no occasion for them to risk their money on the matter now. It is too early as yet to pronounce judgment on the Nonpartisan League. Maybe the charges made against its leaders are true. Maybe they are not. In a year or two we will know. If the charges made against it are true, then it is going to blow up within the next year or two years and there will be no more heard about it than there is heard about the Farmers' Alliance which began to flourish 30 years ago.

For Fair Collective Bargaining

Farmers Should Have the Right to Organize Associations That Will Help Them To Co-operate With Each Other in Buying and Selling

By J. C. Mohler

COLLECTIVE bargaining as applied to farmers means merely co-operation in buying and selling. Thru this agency there are great possibilities not only for making farming more profitable but as well for placing food on the tables of consumers for less.

There has been much said about the farmer not receiving just returns; that he does not get his full share of the consumer's dollar. Some even go so far as to say that he receives only 35 cents out of every dollar his products bring. However accurate that figure may be he has not been and is not getting his due. The spread between what the farmers receive and the consumers pay is altogether too great, due to faulty systems of distribution and marketing. When he sells he must take what is offered or not sell; when he buys he must pay what is demanded or not buy. The price he is offered in selling is not based on cost of production nor established on the premises of profit. On the other hand, there is scarcely an article that he must purchase but what the price is calculated on cost of production, and any increase in cost of production is passed on to the ultimate consumer, who must pay or go without. Whether the price is a paying one or not the farmer must sell to pay his debts, and to maintain and operate his plant. The case of the consumer is another question, and popular clamor about the high cost of living is proof that it is not a small one.

Benefits of Co-operation

Increasing numbers of farmers everywhere are coming to the belief that many difficulties of the farmers may to a very marked degree be alleviated thru the medium of collective bargaining or co-operation in the sale of farm products particularly.

The idea of course is not new. While there have been many examples of successful co-operation among farmers in certain foreign countries, where conditions are widely different from our own in many respects, not a few of our foremost authorities have steadfastly contended that the husbandmen of America, because of their individual independence, and comparative isolation, could not be banded together for mutual protection.

In spite of the monumental task, and the hostility encountered, pioneer efforts were put forth here and there in this country by studious, serious-minded men who were convinced that unless the farmers organized to help themselves, agriculture could not attain the dignity and plane warranted by its importance. History is littered with the wrecks of early-day failures, but the invaluable lessons learned have served as guideposts in further ventures. Those who believed in the principle persevered, and while the history of subsequent co-operative organizations has not been one of unbroken successes, substantial progress has been made, and hundreds of enterprises, proving their worth, became permanent institutions. Laws have been enacted in various states to encourage co-operative farmers' organizations, and today in dealing with post-war problems collective bargaining for farmers looms as one of the big factors in reorganization, not only because of what it may promise for agriculture but for what it may hold for all the people of the nation.

Farmers Must Organize

Economic conditions are forcing the farmers to organize. They are coming to realize that the industry they represent must receive the consideration it deserves if it is to survive and flourish. Indications point to the farmers uniting as never before to see that justice prevails. One plank in their reorganization platform calls for the right of collective bargaining in the co-operative sale of farm products, and the question is now at issue in Congress. It was believed that collective sales were permitted under the so-

called Clayton Bill, or Federal Anti-Trust Act, but developments have left the matter in doubt. Because of the uncertainty farmers have hesitated to proceed. Should the measure now pending, known as the Capper-Hersman Bill, succeed, the farmers of the republic would be clearly entitled to the privilege of organizing and conducting collective bargaining, based on co-operative principles. Every farmer should urge his representatives in Congress to support the Capper-Hersman Amendment to the Federal Anti-Trust Act, and in doing so he will not be asking for special privileges but merely for fair play and recognition equal to that already extended to labor.

Striking examples of the vital need for such federal authority is afforded by the experience of farmers in New York, Ohio, Illinois, California and elsewhere who were prosecuted because of their uniting in demanding a fair price for milk they marketed. In Chicago, for instance, the farmers received for milk in the month of May, 1919, 5.2 cents a quart, while consumers paid 14 cents. In New York farmers received 6.1 cents a quart while consumers paid 16 cents.

Examples in the sale of many other commodities are equally illuminating.

fed and clothed, but the farming industry has been given little consideration by those who are endeavoring to direct the course of industrial reorganization. Now, however, the farmers, thoroly awake to the serious situation confronting agriculture, are making themselves heard, and it is time they were speaking in no uncertain tones.

Square Deal for Agriculture

Recently the Kansas state board of agriculture at a special called meeting issued a statement setting forth the farmers' situation, addressed to the new industrial conference now sitting at Washington, from which the following sentence is taken: "The farmer is today marketing at a minimum profit and sometimes at a loss more raw material a man by 30 per cent than before the war, due largely to long hours and the unpaid labor of his wife and children." It is believed this sentence epitomizes the situation of the American farmer. He is one of the world's workers who has consistently increased production, but without proportionate increase of revenue largely because of the mounting cost of production, and a principal factor entering into this is labor. Much of the money that the farmer may have in the bank as repre-

recompensing their managers. There is a strong and growing feeling that agriculture may be made to pay better without increasing the cost of living by improved methods of marketing and distribution. The high cost of living affects all classes. Working for shorter hours at increased wages can have no other effect than to still further increase the cost of living. Granting the recent demands of the coal miners in full, would not settle the country's difficulties. Those whose demands had been met might consider themselves better off, but the great majority of the people would not be benefited, and in all probability would be worse off. The trouble lies much deeper than this—it lies in the unrest of the great consuming public caused by the high and ever-increasing cost of life's necessities. The great problem confronting the nation is to feed and clothe its people for less, to reduce the cost of the commodities essential to their well-being and happiness, and at the same time pay labor a fair wage and return to capital a reasonable profit.

Relief from the extortion of monopoly in manufacture and commerce should be one step to this end, and an efficient but less expensive and less wasteful system of marketing the products of the farm is another important step. Food at present should be reaching the consumer at appreciably less cost. Some system should be worked out by which the consumer can be brought into more immediate contact with the producer, and this is as essential for the one as for the other. This system must be worked out by the farmers themselves, and it can be done thru their co-operation.

Organized Efforts Essential

Co-operative effort on the part of the farmers in handling their products has already made marked headway in some states. In Kansas the success of co-operative grain elevator companies has been noteworthy. Some of these elevators have paid 8 to 10 per cent on the money invested by stockholders, and dividends on the amount of business transacted, amounting to a total actual yearly interest on the investment of 30 to 100 per cent. We now have several hundred farmers' co-operative elevators that are giving a good account of themselves, several successful marketing associations for fruit, and not a few engaged in other directions. The idea has been rapidly taking hold among producers in the past few years and the present agitation and unrest has brought the farmers everywhere to stern realization that they must meet organization with organization.

Individually, farmers are powerless to cope with the great organizations with which they must deal. They must bargain collectively, or not bargain at all. They must either have the right to bargain collectively, or they must accept the prices offered them individually by the middlemen engaged in processes of distribution. Middlemen, while comparatively few in number, by reason of their affiliated and interlocking interests, their splendid organizations, their ability to command the services of the best brains of the country, and their far-flung financial connections, exercise an influence greater than is warranted by their number, by their investments, or by the character of the service they perform.

Rural Reconstruction

The farmers of the nation never before have been so thoroly aroused, nor so keenly alive to the necessity of asserting themselves. Devoting their thoughts and energies almost exclusively to problems of increasing production, in making two blades of grass grow where only one grew before, the marketing end of the farmers' business was largely left to others. Wasteful and expensive methods were the result, and as a consequence both the producer and consumer suffer. It

(Continued on Page 11.)

President Wilson and the Census

IN A RECENT proclamation President Wilson calls attention to the 1920 Census and urges that every one co-operate with the representatives of the United States Census Bureau. In his proclamation President Wilson says:

"It is the duty of every person to answer all questions on the 1920 Census schedules applying to him and the family to which he belongs, and to the farm occupied by him or his family, and that any person refusing to do so is subject to penalty."

"The sole purpose of the 1920 Census is to get general statistical information regarding the population and resources of the country and replies are required from individuals only to permit the compilation of such general statistics. No person can be harmed in any way by supplying the information required. The Census has nothing to do with taxation, with military or jury service, with the compulsion of school attendance, with the regulation of immigration or with the enforcement of any national, state or local law or ordinance. There need be no fear that any disclosure will be made regarding any individual person or his affairs. For the due protection of the rights and interests of the persons supplying information every employee of the Census Bureau is prohibited, under heavy penalty, from disclosing any information which may thus come to his knowledge."

"I therefore earnestly urge upon all persons to answer promptly, completely and accurately all inquiries addressed to them by the enumerators or other employees of the Census Bureau and thereby to contribute their share toward making this great and necessary public undertaking a success."

Potatoes often are retailed at a cost amounting to four times or more what the producer received. At Topeka it has cost \$2.00 a bushel or more to get apples from nearby orchards to the consumer. The hide from an 18-months old steer, good perhaps for 10 pairs of shoes, does not bring the farmer enough to buy his boy a good pair of school shoes, while the wool in a \$60 suit of clothes probably brought the farmer less than one-tenth of that amount. Much of the beef and pork on which the nation is now feeding was sold by the farmer for less than cost of production. Cotton manufacturers are making 100 per cent or more on their investment yearly, and then lay the price of the finished goods on the cotton farmer and labor.

Must Control Profiteers

The government must deal with profiteering as one of the factors in the high cost of living, which underlies the country's unrest, while the farmers thru co-operation or collective bargaining must cut down the gap between producer and consumer, thus making possible a wider margin of profit to the producer and reduction in prices to consumers.

Agricultural production must be fostered if the nation is to be adequately

senting the so-called "profits" of the year's operations, is realized from the unreturned fertility taken from the soil, overwork and unpaid labor. The average farmer does not charge the labor of his family against the cost of production, nor allow himself a wage commensurate with the ability he must bring to his task, as rightly should be done. A vast lot of free labor is represented in the food produced by the American farmer, and because the youths of the farm are not paid for their work, they are leaving the farms in constantly increasing streams to enter the ranks of other industries. A limiting factor in production is labor, and if labor continues to leave the farm and it cannot be replaced at wages the farmer can pay, then production will inevitably decrease.

As agriculture is basic and fundamental, it should be made so dependably profitable that it would attract increased and increasing numbers to its ranks. It should be made to return to all those engaged in it a remuneration as certain and as large as the various grades of labor command in other industries, and the head of each farm enterprise should be entitled to rate his services on the basis of managerial ability, as is done by the commercial and industrial plants in

Ship Furs to Biggs

22 SHIP TO BIGGS AT KANSAS CITY. More CASH for FURS Than You Get Elsewhere

SEARCH LIGHT \$3.95 FOR NIGHT HUNTING

Our Search Light cannot properly be called a Lamp or a Lantern, but is just what its name implies, a Search Light, and throws a bright white beam of light more than 400 feet ahead. The reflector is modeled after the style of reflectors used on the powerful Lighthouse and Battleship Search Lights. The Search Light is worn on the head with any kind of cap or hat, while the carbide container, where the Acetylene gas generator, is carried on your belt or in a pocket. Searchlight can be tilted up or down or straight ahead, as desired, while keeping the head in natural easy position. Can also be carried on belt, strapped on tent pole or set on table. Cannot be extinguished by either wind or rain. Weight of headgear only 5 ounces.

The regular lens furnished with the Search Light gives you a wide-spread light. For 50c extra we furnish a special long distance lens that concentrates the light into a narrow, strong, straight-ahead beam that will "burn" the eyes of a Wolf or Black Bear 300 yards away. Equipped with automatic self-lighter. No matches needed. Burns 10 hours on one charge of carbide.

107—Hunting Search Light, each \$3.95 Postpaid

108—Long Distance Lens for Search Light, each 50c Postpaid



SEARCH LIGHT CAP

The Hunting Search Light is so easily attached to any hat or cap that the cap itself becomes a searchlight. The cap is made of a very durable material and is very convenient. The cap is made of a very durable material and is very convenient. The cap is made of a very durable material and is very convenient.

109—Search Light Cap, regular price \$1.50 Postpaid

110—Search Light Cap, special price \$1.00 Postpaid

FLASH LIGHTS

A good ramrod, free of charge, with every rifle we sell.

22 Caliber Hamilton Rifle

Light and handy but a hard, accurate shooter. Just what every trapper needs for carrying on his rounds on the trap line to kill small game. Fine for use on long tramps, night hunting, when you don't want to be burdened with a heavy rifle. Brings down a coon or possum from the tallest tree just as easily as you could do it with an

\$3.50 The action of this Hamilton Rifle is the familiar hammer type with automatic extractor which releases the shell when the barrel is closed. When the barrel is closed, the thumb piece is thrown to the right and securely locks the barrel, and at the same time brings the firing pin into alignment with the hammer. A solid breech block makes the action absolutely safe from rear explosion of a defective shell. The barrel is care, and has a built-up jacket, making it unsurpassed in strength, durability and accuracy. This splendid rifle is chambered for 22 caliber, long or short run cartridges and shoots 22 short or 22 long. Weight each only 2 1/2 lbs. Will fit in any average sized suit case when taken apart.

Tapered 16-inch round bronze barrel with built-up steel jacket. Automatic ejector, solid breech block; walnut finish stock; steel plate; open adjustable rear sight; knife blade front sight. 22 short or 22 long cartridges. Mailing weight, each 3 pounds.

110 Hamilton Rifle, Each \$3.50

LOW PRICE HIGH QUALITY ONLY \$3.50

Here are two pages from our "Trappers' Supply Catalog" reproduced from photographs for your convenience. Send your "RUSH ORDERS" NOW—for these valuable aids to trapping and trappers. Send Money Order for amount with your letter. Mention this advertisement in The Iowa Homestead and we will give you special service with quick shipment. Take prices direct from these pages.

Billy Possum SAYS

I was lying half asleep in an old log the other day, when all of a sudden I came to life with a start. A couple of trappers had walked up and had actually sat down on the very log in which I was curled up. In the woods it doesn't pay to be "caught napping." I thought that my time had come. But no; they just wanted to talk and I thanked my lucky stars that they didn't have a Biggs smoker with them looking for my skin. "Say," asked Bill Howard, whose voice I recognized, "at once, 'how is your trap line coming this year?" "Why, thanks to Biggs' Baits, I find 'em full every morning," said his companion (whom I now knew to be F. T. Connor, a younger trapper). "I have been making big money this year—that Biggs' Bait just makes the 'fur bearers' climb into your traps. I got \$175.86 from Biggs at K. C. a couple of days ago for my first shipment this season. I had a good bunch, but they gave me mighty liberal grading at that."

"Oh, you'll always be satisfied as long as you deal with that house," said his friend. "They taught me everything I know about trapping and have paid me real money for the last eight years. I've gone satrapp a couple of times, but I always came back mighty quick to E. W. Biggs & Co."

That must be SOME concern, was my thought. If they taught Bill Howard all he knows about trapping, they must be great teachers, "cause that trapper has every "fur bearer" in these parts right on his hip.

Biggs at Kansas City Pays Most Cash and Gives Quickest Returns

TRAPPERS: This is the opportunity of a lifetime for you to cash in big on your trap line. Furs have never been as high as this year, nor the "fur bearers" more plentiful. An unprecedented demand has shoved fur prices sky-high. Act NOW! And get \$100 to \$500 before the season closes.

Ship today to "Biggs at Kansas City," or be sure that you see our price list before shipping a single fur somewhere else—it means money and extra dollars in your pocket if you will get posted on Biggs' prices and ship furs here the season through. Never forget that above all else we are out to give our shippers a square deal. Our profits come from those to whom we sell—never from the shippers. This year we are going to give you the benefit of the greatly increased call for dressed furs.

Greatest Demand in History Means More Cash for Furs—Get Your Full Share!

We have thousands of orders for raw skins as well as for dressed and manufactured furs, just waiting for us to get the furs. Biggs wants all your furs and will pay the price to get them. We have simply got to have furs this season at any price. You can see by our price list that we are giving you the benefit of this greater demand, and Biggs' shippers know that our grading makes our quoted prices much higher than the same price offered by other houses that grade much lower. You get the furs—we'll supply the money.

Get Our Raw Fur Price List Today

See for yourself the enormous prices we are paying for the common prowlers of your neighborhood and compare these prices with those offered by any other fur house in the world. After all, results are what count—a single shipment will add your name to our list of more than three-quarters of a million satisfied shippers who never cease to "boost for Biggs."

Furs Held Separate

We hold fur shipments separate on request provided request is made on note inside or attached to package of furs when you ship. "Hold Separate" instructions sent by open mail reach us too late. Your furs pass through our grading room within twenty minutes after they are received and your check is mailed you within an hour. For this reason, "Hold Separate" instruction must be in or on the package of furs when you ship. If amount is unsatisfactory return and we will send furs back at once.

Traps, Animal Baits, Guns, Ammunition, etc

Everything for the trapper at low factory cost. We save you money on everything needed to catch "fur-bearers" and guarantee the quality of all supplies. Biggs' Baits Are Guaranteed to increase your catch or their cost will be refunded. Skunk, coon and possum 55 cents and 75 cents. All others 60 cents and \$1.00. Write at once for catalog of trappers' supplies—everything for the beginner and experienced trapper at factory cost prices.

E. W. BIGGS & CO.
879 Biggs Bldg.,
Kansas City, Missouri.
"38 Years of Square Dealing."

Biggs Never Deducts "Commissions" "Not 90 cents, but one full dollar, for every dollar's worth of fur." is our policy. We pay highest market prices and do not deduct a single cent of the money that belongs to you. There is no reason why you should allow any fur house to keep money that you have earned—you don't have to do so. Ship to Biggs at Kansas City and you'll get a square deal every time and no commission deducted.

FREE

Use coupon below for free year's subscription to "TRAPPERS' EXCHANGE." All the secrets of successful trapping told in this great trappers' monthly magazine. Brimful of stories of hunting and trapping adventures with photos and graphic diagrams of new trapping stunts, etc., sent us by trappers themselves from all parts of the continent. Gives a simple hints on trapping—tells what to trap, when and how. Shows how to skin and ship, and how to get the highest prices on each fur.

SIGN AND MAIL COUPON TODAY

TRAPPERS' EXCHANGE

GOOD PLANS FOR TRAPPING MUSKRAT, SKUNK AND POSSUM

FREE

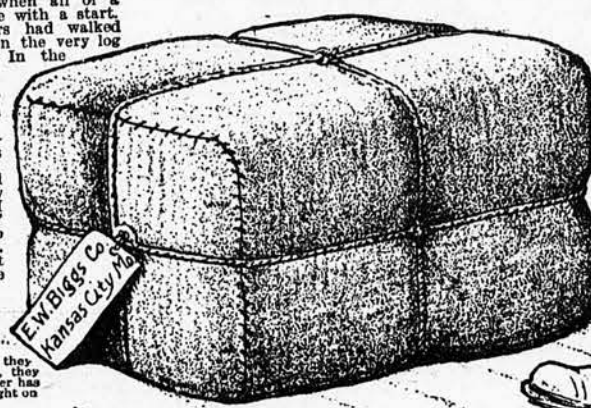
Mail this coupon today for the Trappers' Exchange Catalog of Trappers' Supplies, Raw Fur Price List, Market News, etc., all postpaid.

Name

P. O.

R. F. D. State

E. W. BIGGS & CO., Kansas City, Mo.
879 Biggs Building



A Real Vision of Living

New Equipment Aids Greatly in the Middle West in the Rapid Progress Toward the Ideal Agriculture Its Farmers Desire

By J. G. Bradley

IN THE days of Columbus boats crossed the ocean, favored by or the victims of the winds. In the early days of our country canvas-covered wagons picked their way leisurely across the plains. During the pioneer life of our forefathers, the hired man or some member of the family took the old democrat wagon and drove hour after hour for the doctor to save the life of some loved one.

Now airplanes shoot out into the blue space and reach Europe in less than 100 hours. The farmer steps to the telephone in times of sickness and within 5 minutes the doctor is on his way to the farm. During the recent tractor demonstration at Wichita, a man got off a fast train in Ohio, went out to his home, ate breakfast, repacked his handbag, got into a DeHaviland airplane and was in Wichita before the train he left was due in St. Louis.

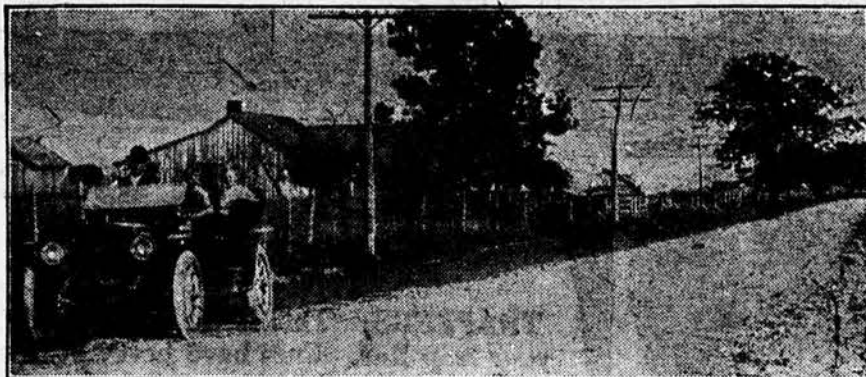
Immediate communication is inevitable because the feeding of the world depends on it. Civilization has taken on a new stride, a new speed and it cannot go backward. The world is running in high, and the scale of living has been changed. Old values and old standards have passed out and we are living in a new epoch. The soldier has returned with new ideas, with new conceptions and with a new vision. The streets of his home town look narrow and cramped. The ceiling of his old home seems low and oppressive. The fences around the house and inclosing the fields seem to challenge him; and he will never be content quietly and without protest to adjust himself to the old order.

Avoid Sensational Methods

His energies must find expression in terms of progress, of economic and social revolution. This is as inevitable as the rising of tomorrow's sun, and hard surfaced good roads are the next step in adjusting ourselves to the new schedule of things.

But the opinions relative to this adjustment and the motives behind it are worthy of the profoundest consideration. The public—and particularly the rural public—cannot be stampeded into the spending of unnecessary energy and money on roads. Sensational methods will not accomplish this; only the most candid study on fundamental principles will perform the task. You will recall that it was not pulpit oratory of the "blood and thunder" kind that put the saloon out of business.

We sometimes discount the judgment of the rank and file, but experience has proved that while their judgment is not infallible it is as nearly correct as any judgment we can find. Anyhow it is best to reckon with it. Before co-operation of effort is possible, it is necessary to determine



Hard Roads Aid Greatly in Supplying the Right Sort of an Environment in Which to Develop a Satisfactory and Profitable Agriculture.

what the true opinion on this subject is and what the motives are behind the movement. Several thousand letters were sent out to representative farmers recently by the Capper Farm Press asking their opinion on the question of good roads, both from an economic and social standpoint. The response was striking, showing an intense interest in the subject.

The greatest objection was against increased taxation. This is natural; the farmer who is struggling to pay off a mortgage with a high rate of interest, who suffers a crop failure now and then and who has to bear other burdens of an increased cost of living hesitates to take on added financial obligations unless he can see some sound reason for it; unless he can see a return.

Another strong protest was based on the belief that the city man would escape his part of paying for the road. The so-called joy-rider has not left the most favorable impression on the hard headed business farmers. And this objection is not ill-founded. The freakish individual with a roadster who has nothing to do but tear down the road at 50 miles an hour, cut-out wide open, scaring teams into the ditch and raising dust and Hell in general has done more to retard the cause of good roads than any other five things put together. The road is as necessary to the farmer's living as a street is to the traffic of the city. The city man would not tolerate foolish interruption with his business and the farmer should not have to tolerate nuisances committed on the public highway.

While this protest is justified, it is perhaps founded somewhat on a misconception of the man who lives in town. The country people and the town people do not understand each other quite so well as they should. The opinion some farmers have of town folks is just as foolish as the opinion

some town folks have of country people. The old conception of a farmer as a bewhiskered individual with a straw in his mouth is disappearing just as rapidly as the conception of a townsman as a well-fed, well-dressed trickster. After all, members of the great human family are a great deal alike.

The opinion of the farmers on good roads is favorable and with the exception of some jealousy of location and the fear of graft, the general feeling is that good roads should come and come quickly.

The motives behind the good roads movement are not so well defined and the benefits to be derived need careful consideration. Certainly hundreds of millions of dollars will not be spent on good roads unless those who bear this great burden can see how they will be helped in some definite way, either economically or socially.

In the good old days, when the reaper broke down in the wheat field, the farmer had to hitch up his horse and go to some distant town to get his machinery or, which is more likely, order it and wait for it several days or a week. During the waiting the good weather passed and the rain ruined his crop. With the coming of rural motor express—a product of good roads—he can now step to the telephone, order a part from a town 30 or 40 miles away and get it the same afternoon.

Heretofore, the country store-keeper has felt "Well, the farmer has to trade with me because he can't go any other place." But the day is now coming when the farmer will not only pick out the store he wishes to trade with, but also can choose the town he wishes to go to. Then one will see some changes; the merchants will have to bid for his trade and bid hard, all of which will result in better service to the farmer. Already in a great many towns, cham-

bers of commerce are staging Saturday afternoon band concerts, picnics, and other sorts of amusement to make the farmer feel welcome, and to show him that the city folks are human. This is bound to result in a great benefit.

Good roads will offer a saving in the marketing of farm products. Not only can the farmer market his products more quickly, and save them, but he also can take advantage of fluctuating prices. If the farmer is virtually barricaded with mud and cannot sell his crop, he will suffer such loss as fluctuation of prices will inflict on him. Last year millions of tons of farm products rotted because it could not be hauled.

A townsman scarcely considers doing without his ice. One of the big blessings of good roads will be rural refrigeration. I predict that with the coming of good roads and the use of a motor truck express, ice will be in farm homes universally. Community ice plants will spring up by the thousands and the more prosperous farmers will establish their own ice plants.

The blessings of this rural refrigeration are hard to comprehend. One blessing, however, of rural refrigeration I shall mention. It is said by well informed dairy experts that the reason for Wisconsin being so far ahead in the dairy business of Kansas and Oklahoma, for instance, is that Wisconsin has an average of about 15 degrees lower temperature. Kansas is a great alfalfa state and if the temperature could be reduced so bacterial growth in milk could be lessened, there is no reason why Kansas could not be the greatest dairy state.

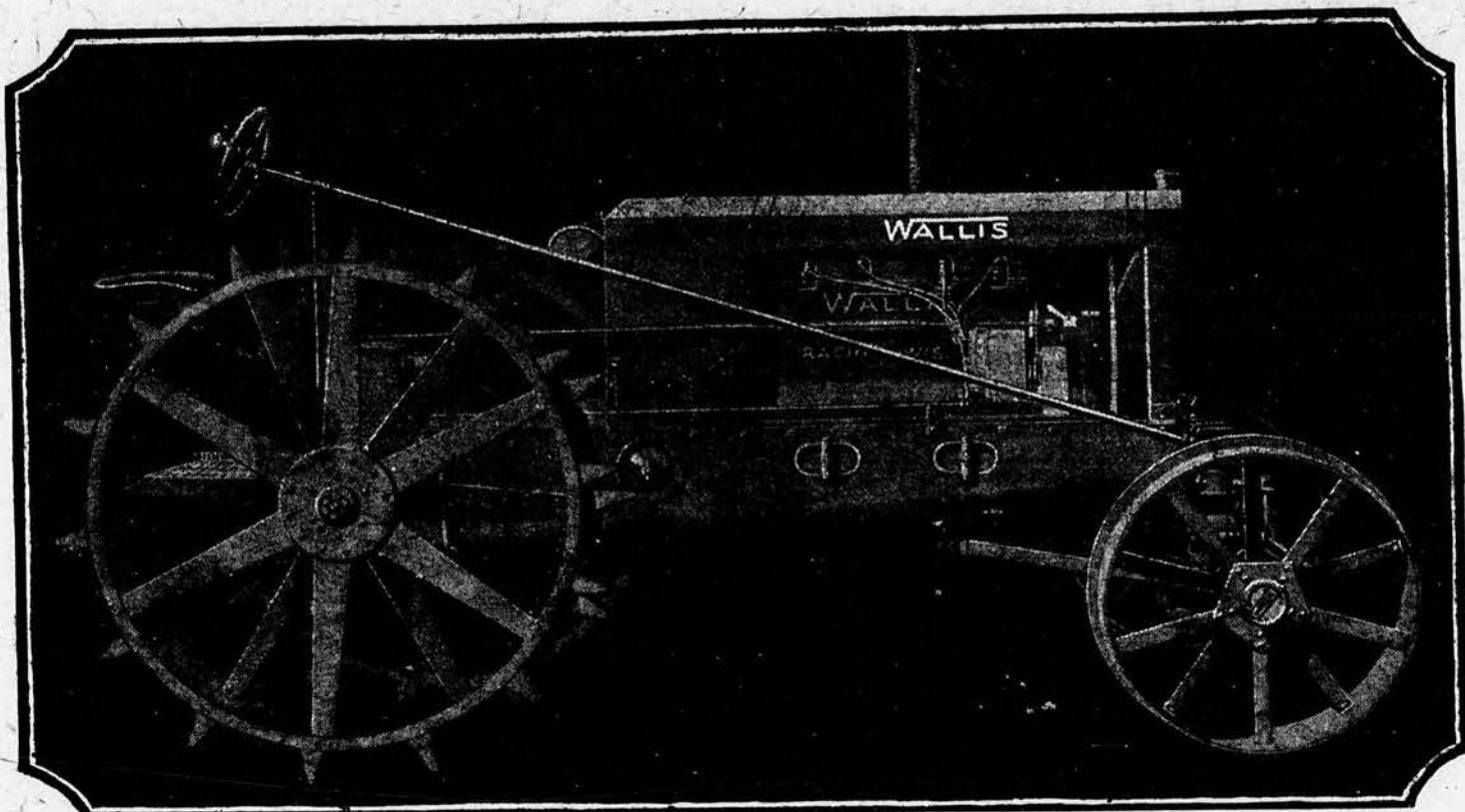
Good Roads Save Time

Another direct blessing of good roads is the opportunity that it will give the farmer to do necessary building and repairing during the winter months, taking advantage of the many warm days of winter. Materials could be hauled for the building of hog troughs, feeding pens, foundations for buildings, fence posts, and a dozen other necessary improvements that would otherwise be neglected.

One of the greatest blessings that will come with good roads and motor truck transportation is the accessibility of schools. Consolidation of schools, while considered a blessing because they provide better equipment, better houses, and better instruction, has been a failure some places because they could not be reached. With the coming of good roads and motor trucks, children can be gathered up at certain definite hours in the morning, taken to school quickly and after the school session is over in the evening, returned to their homes, with dry feet, enjoying the blessings that city children enjoy, and to which they are entitled.



Good Schools Now are Essential in Building a Farming System of the Right Sort. It is Not Possible to Make the Most Progress With the Educational Effort if the Children do not Have the Help of Good Roads. Satisfactory Roads are Necessary as the Foundation of Community Progress.



Why the Wallis Endures

THE most important thing you can buy in a tractor is long life. A tractor must *stand up* to be a profitable investment. Only by serving faithfully year after year can it prove a definite economy.

In the Wallis—America's Foremost Tractor—durability is an established fact. Over 12 years of experience has proved that the Wallis principle of combining power, light weight, simplicity and durability is the one outstanding tractor achievement of the day.

In this remarkable tractor many original ideas have been proven. We now know that heavy weight and bulk are not essential to great power and long life! That tractor efficiency and long life depend largely upon the quality and finishing of the vital wearing parts—the gears—the bearings—the transmission—the combustion chambers, etc.

Wallis has *proved* that the gruelling strains a tractor must withstand demands even finer materials, finer workmanship and more accurate machining than a motor car.

In the Wallis the finest materials only are used. The most expert workmanship is employed. Machining is carried to the thousandth part of an inch. Innumerable inspections eliminate inaccuracy.

In the Wallis Valve-in-Head Motor the combustion chambers are completely machined; Wallis gears are cut and hardened steel. All gears and working parts are enclosed in a dust-proof housing and run in a constant bath of clean oil. Bearings are all oversize.

And these are some of the reasons why Wallis service is constant—why owners have utmost faith in its performance—its dependability—economy and long life.

Naturally Wallis durability, combined with its tremendous power, light weight and simplified construction, results in a new standard of economy. Everywhere the Wallis has established remarkable records in "low-cost-per-acre"—and in "low-cost-per-year-of-service." These are the true tests of tractor economy.

If you are tractor buying, the Wallis deserves your interest. Not alone because it is America's Foremost Tractor but chiefly because it offers you *power, durability and economy*, which are the factors absolutely essential to a profitable tractor investment.

The demand for Wallis Tractors is naturally great. Our capacity is taxed. It is not too early *now* to order for Spring delivery. See the Wallis dealer or write us for literature without delay.

J. I. CASE PLOW WORKS COMPANY, DEPT. T9, RACINE, WISCONSIN, U.S.A.

Branches and Distributing Houses in All Principal Cities

The Wallis Tractor and J. I. Case Power Farming Implements will be exhibited at Kansas City, Minneapolis and other important tractor shows.

NOTICE:—We want the public to know that this is not the tractor made by the J. I. Case Threshing Machine Co., Racine, Wis.

WALLIS

America's Foremost Tractor

The Hoovers Rough It on the Ice

Hi Goes Skating and Cuts a Few Fancy Didos But Buddy Asks Him to Stop Long Enough to Let the Ice Heal Up a Little



Profiteer Gang Must be Curbed

Senator Capper Warns President Wilson and Congress That Gougers Must Face Trial or Blame Will be Placed Where It Belongs

CONGRESS and the Federal Administration were warned today by Senator Capper, in a speech on the McNary bill to continue the sugar equalization board for another year and authorize it to purchase what remains unsold of the Cuban sugar crop, that if Congress and the President fail to curb the profiteer, they may expect that the blame will "be placed where it belongs—at the seat of government."

"If we, a peaceful nation, can send 4 million of the best soldiers the world has ever seen to Europe in one year and raise 25 billion dollars in half as many months to carry on a war, we can settle the profiteering evil," Senator Capper asserted. "It was then that the Kansas Senator warned the government of the wrath of the people if the problem remains unsolved."

Strikes at Oil Profiteers

Senator Capper addressed his remarks especially to the sugar bill, but he struck at the fuel oil profiteers, the coal operators, the shoe manufacturers and dealers, the packers, and the entire lot of shameless gougers and grabbers that have been growing fat on enormous profits ground from the people.

His speech follows:

"Mr. President, I wish to indorse in the most emphatic manner possible the remarkably clear and forcibly statement of the Senator from Oregon in support of his bill authorizing the sugar equalization board to take control of the available sugar supply and thereby protect the consumers from hoarding, speculation and profiteering. In my opinion this should have been done long ago and, as the Senator from Oregon suggests, the blame rests largely with the President, for failure to comply with the recommendation of the sugar equalization board."

Ready to Hike Prices

"As a member of the Senate Agricultural Committee I listened to the greater part of the testimony in the sugar hearing conducted by the Senator from Oregon. If the Senators could have heard that testimony, I believe this bill would have had favorable action before this. It convinced me that unless the government takes charge of the sugar business we shall shortly see sugar advance to practically prohibitive prices. I was particularly impressed by the testimony of a Washington wholesale dealer, who informed us that he had been offered 22 cents a pound for all sugar he held and all he could obtain. This dealer and others expressed the opinion that in a short time prices will be prohibitive to families of moderate incomes if the government does not take prompt action."

Care For People First

"Mr. President, I represent a state that produces about 50,000 tons of beet sugar annually and I am as much interested as any other man on this floor in the encouragement of the sugar industry, but in an emergency like this the welfare of 110 million persons comes before the interests of any locality or state."

"I have had many complaints in the last 30 days as to the outrageous prices dealers are exacting from the consumers of the country for sugar and other necessities of life. Profiteering is rampant throughout the country. I wish to read a telegram recently received by me from L. H. Chapman, one of the city commissioners of Kansas City, Kan., and I might add that I have received substantially the same telegram from W. S. McLucks, president of the Chamber of Commerce of Kansas City. Mr. Chapman's telegram says:

Oklahoma and Kansas fuel oil sold f. o. b. refinery August and September this year 60 to 80 cents a barrel; October 8, jumped to \$1; November 1 to November 10, to \$1.10; November 10 to November 20, to \$1.50. Since November 20, price has increased from 25 to 50 cents daily, and present week prices have been from \$3 to \$4.50 a barrel f. o. b. refinery. Contracts were offered in August and September for one year for from 90 cents to \$1.25 a barrel. In fact it was generally understood that fuel oil stored for sale in the winter was for an expected price of \$1.25 maximum. Utilities and necessary industries have been operating on the basis of steam coal costs of \$3.50 to \$4 a ton f. o. b. Kansas City. Three barrels of oil equal 1 ton of coal and prior to coal strike oil sold f. o. b. Kansas City \$1.20 to \$1.35, representing a comparative cost to coal on basis of equal heat value. A 53-cent freight rate on oil would make the required price at that time of from 70 to 80 cents a barrel. With the present selling price of fuel oil if the public utilities operated, their total daily receipts would only cover cost of fuel and less than 50 per cent of the daily wages of employees. If oil can be supplied at reasonable price water, light and transportation companies can continue to operate and at the same time can provide power to the essential industries for part running time, which will prevent turning thousands of men out of employment in Kansas City, Kan. Situation is most serious.

(Signed) "L. H. CHAPMAN."

Profiteers as Bad as Bolsheviks

"Mr. President, the profiteers of big business—and this includes a lot of coal operators—are as great, or a greater menace to us and our institutions than the Bolsheviks, the I. W. W.'s and the radicals who are preaching the overthrow of government, and let me say, I will go the limit in supporting every measure which will stamp out Bolshevism and anarchy."

"Because the operators wished to pocket their war profits while paying the miners wages lower in buying power than they were receiving in 1913, our citizens to keep warm had to resort to fuel oil, another natural resource provided by the Almighty. And what happened? Why, the usual thing. The price of fuel oil has been advanced 300 per cent in less than 30

not own them and are at their mercy. I do not concede that as yet labor troubles and slack production are responsible, except in part for the more and more excessive toll exacted of the consumer."

Citizens the Victims Still

"While our citizens made sacrifices and fought during the war and are still fighting and sacrificing, these industries have paid no part in the cost of the national defense, nor have they contributed anything to help the country except at war prices and for tremendous profits, and now they are collecting their war taxes from our citizens and exacting excessive tolls by 'soaking' them for all they can for their products."

"The war is over, but speculation, spoliation, and plunder are as rampant as ever and more daring. Train robbery or burglary is poor trade by comparison."

"According to the papers today Bradstreet's report shows that the cost of things to eat has increased another 1½ per cent in the last 30 days, notwithstanding the millions lost in falling markets by Middle Western producers."

"When sugar is released from federal control December 31, we may certainly expect to see that necessity soar."

"Nine months ago a dollar would buy 5 pounds of coffee, today it will buy only 2 pounds of this article."

Still Conserve or You May Freeze

THE COAL strike is over but the fuel shortage is not.

For 40 days now not a ton of coal has come from the deep-shaft mines of the Central West. Less than 100 cars of coal have been produced at the strip pit mines in Kansas.

All surplus coal has been depleted.

If the striking miners return to work at once it will take some days to put the deep shaft mines in working order. Only slight relief can come from the strip pit mines.

When the coal begins to roll out of the deep shaft mines then will come the transportation problem. The railroads have not enough cars or engines to haul coal everywhere at once.

So the suffering will not end when the strike ends. There will be an acute shortage of coal for several weeks and an under-supply all winter.

Therefore people should redouble, rather than relax, their efforts to save fuel, even with the strike declared off.

Communities must continue to cut wood.

The fuel slogan must continue to be: Conserve, conserve, conserve.

days by a bunch of oil profiteers, not because of the increased cost of production—that already has been well taken care of—but simply because the men in control of this product could get the money by exploiting other persons' need. Unlike Bandit Carlisle, they are willing to take it from old men and women and from soldiers and sailors, as well as from schools, heating plants and hospitals.

Filed Charges Against Oil Men

"I have filed charges with the Attorney General against the oil profiteers in Kansas City and in Kansas who have taken advantage of the fuel shortage period to line their pockets and have demanded immediate investigation, prosecution and imprisonment of those found guilty. I am glad to say to the credit of the Attorney General that he began his investigations the day following, and undoubtedly will get results, as this is profiteering of the rankest kind."

"Mr. President, unless we speedily check price gouging the high cost of profits is soon to be translated into the excessive cost of existence. We are beginning to hear about \$18 shoes, \$50 hand-me-downs, and \$15 hats for next spring, notwithstanding the fact that our citizens have bought and paid for all the cotton and woolen mills in a single year, as during the war they bought and paid for all the shoe factories, all the big flour mills, all the steel mills, the saw mills, the packing houses, the tanneries, the coal mines, and who knows what else, and yet do

"A nickel sack of tobacco now costs 10 cents. In it the smoker finds a little card which reads: 'Special notice—This package should be sold for 5 cents. Your dealer makes a fair margin of profit at this price.'"

Check the Game of Grab

"And so it goes, and will continue to go, Mr. President, until we beggars lower consumption and kill demand, unless we find and apply the means to check the game of grab which is at the bottom of most of our present troubles. Men working for wages may be expected to keep asking for more. They must, if a family of five is to be shed with \$18 shoes all around and supplied with other wearables and with eatables at constantly increasing prices."

"Profiteering is now a prison offense, and I hope to see state government actively assist the federal department of justice in bringing all such offenders to book. Let the powers of the government be summoned into action for the protection of our citizens as is now being done so admirably in the Kansas coal fields, keeping in mind every hour of the day and every day of the week, that the interests of the public are above and beyond those of any organization or association whether of capital or of individuals."

"I am inclined to think that as an emergency measure it might be well to give the federal government power to limit gross profits, as Canada has been doing successfully. Requiring every dealer or manufacturer from the time the raw material leaves the hands

of the producer until the product reaches the consumer to mark the cost price to him on all his goods, also his own selling price and be prepared to show invoices. This will make it possible quickly to spot the man who is doing the profiteering. I advance these suggestions not as emergency measures only, but to curb a widespread evil and abuse which has long been growing until it has become the ban of legitimate business, a serious handicap to honest merchandising, an incubus to national prosperity and a grievous burden to the American people, now saddled with a huge war debt and supporting a 5-billion-dollar-a-year government."

Must Work Together

"What deep suffering shall we have to go thru before every American can see clearly that, with a world slowly and desperately beating back to normal condition, we must ourselves pull together and stand together for the common good to achieve our own personal good."

"We shall none of us better our condition by stepping on the other fellow's neck to gain greater profits or to win a brief increase of wage, and least of all advance our fortune by traveling Russia's red road to ruin. But I wish especially today to emphasize that the business man who now seeks personal advantage at the expense of the common good is in the same class as the red flag demagogue, the black flag profiteer and the war profit patriot. If we, a peaceful nation, can send 4 million of the best soldiers the world has ever seen to Europe in one year and raise 25 billion dollars in half as many months to carry on a war, we can settle the profiteering evil. If we do not protect from these wolves the 100 million men and women who feed and clothe and supply this country's needs, we can certainly rest assured that the blame for this failure of duty will be placed where it belongs—at the seat of government."

For Fair Collective Bargaining

(Continued from Page 6.)

is unmistakably clear that farmers everywhere appreciate the necessity of giving close attention to this phase of their business, and more and more they are coming to believe it should be handled thru their own organizations. In the so-called reconstruction of the country's industries, organized agriculture shall insist that capital and labor meet the farmers in increasing production, that the country's output be not restricted by shorter hours and exorbitant charges for labor or by excessive profits for capital, and that wasteful and expensive methods of distribution be supplanted by the more efficient systems that would be made possible thru applying generally the principle of collective bargaining in the sale of farm products. Farmers are asking for no favors but merely for fair play."

Paint, and Farm Buildings

When one stops to think of the cost of paint, he hesitates to do the thing he has planned to do—paint the farm buildings. Lumber and all other building material is higher in price, and the protection and saving that comes from painting justifies the use of paints even at a higher cost. Even the cheaper buildings are worth the cost of a coat of paint. Remember this, that paint is a preservative, it protects the building from sun and storms. The wagon box, tools of all kinds, wood and iron should have a coat of paint to protect them thru the winter."

Not only is the life of the building or tool lengthened, but its attractiveness is increased and it is made more valuable. Anyone likes to work with good looking machinery, to live around good looking barns and buildings. There is a satisfaction about a well kept, well painted place that demands self-respect of the owner and his family and all those who chance to come to that farm. It pays to use paint."



Buying a Watch for a Lifetime

Here's something you ought to consider when you buy that new watch: The same painstaking workmanship that builds accuracy into a watch also gives it extra years of life.

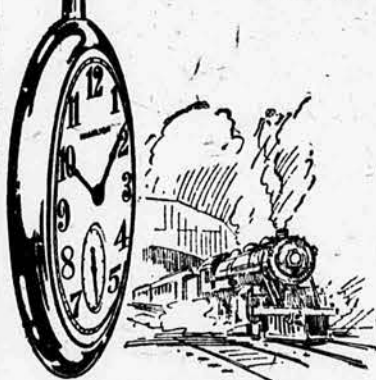
It's great to think of owning a watch that can always be depended upon for the right time. And it's good buying judgment to select that sort of a watch.

You would be proud to own a Hamilton, the watch that times most of America's fastest trains. The Hamilton's tremendous popularity with railroad men has been won by its remarkable accuracy and year-in-and-year-out dependability.

Aren't these the qualities you want in a watch?

Hamilton Watch

"The Railroad Timekeeper of America"



You're going to need a watch, not for four or five years only, but for all the rest of your life.

There's a lifetime of dependable time-telling service in any Hamilton Watch, and a model for every taste and purpose. Your jeweler will be glad to show you some of them. Prices range from \$38 to \$200. Hamilton movements alone, \$20 (in Canada \$22) and up.

Send for "The Timekeeper." It tells how Hamiltons are made, and the various models are illustrated with prices.

HAMILTON WATCH CO.
Dept. 73,
Lancaster, Pennsylvania.

FREE
Fur Market Report

TRAPPERS!
With fur prices the highest in history, it will pay you big to keep posted on the market. Write for our "Great Central Fur Market Report," Free.

SWINGLE
at Lincoln, Neb.

SPLITS HIS PROFIT
We grade high and pay high—split our profit with you by working on a small margin. This policy means more NET MONEY for you; it has made us the largest fur-buying house in the Central West. Write today for Price List, sent Free.
C. W. SWINGLE & CO.
507 So. 9th St. Lincoln, Neb.

BIG MONEY IN SHIPPING YOUR HIDES
FURS—WOOL—TALLOW

To JOHN NELSON & CO.,
Central Ave. and Water St., Kansas City, Kan.

Raw Furs and Diamonds and Pearls Bought by
NEW YORK and LONDON FUR ASSOCIATION
346 West 41 St., NEW YORK CITY
Write for Free Fur Price List.

Skunk Bringing Highest Prices!

Right now is time to get the BIG MONEY! Ship to

FUNSTEN

Don't take chances. Ship to the largest, strongest fur house in the business—Funsten—established 55 years—known all over America for fastest grading and highest prices. Shipping tags FREE!

Funsten Bros. & Co.
International Fur Exchange
518 Funsten Bldg. ST. LOUIS, MO.

HIDESTANNED

Send us your hides and furs. We tan and make them into fur coats, robes, furs, etc., at lower prices. 4 weeks' service. Send for catalog No. 26. Also tanners harness and lace leather. Repairing of all kinds. Highest prices paid for Hides and Furs.

KANSAS CITY ROBE & TANNING CO.,
219 Main St., Kansas City, Mo.

Smallest Bible on Earth

This Bible is about the size of a postage stamp and is said to bring good luck to the owner. Sent postpaid for only 10 cents in stamps or silver.

NOVELTY HOUSE, Dept. 10, Topeka, Kan.

Rural Letters Fresh from the Farmstead

THE KANSAS Farmer and Mail and Breeze desires to have as many of its readers as possible write about their experiences in farming during the past year. Short letters will meet our requirements best. All farmers who have had successful experience in using tractors are requested to enter our tractor contest. In your letter give the size and horsepower of the tractor purchased, mention the kinds of work done by the machine, and state what advantages you gained thru its use. All letters for this contest should reach us on or before January 15, 1921. For the best letter a prize of \$10 will be given, and for the next best a prize of \$5. All other letters accepted will be published at our regular rates. Address all communications to John W. Wilkinson, Farm Letter Department, Kansas Farmer and Mail and Breeze, Topeka, Kan.

Opposes Militarism

I am a reader of Kansas Farmer and Mail and Breeze and think Senator Capper is trying to publish a paper that is just and fair. I am glad to see him fighting against Prussian militarism. If America won the war to kill the monster, let us bury it. Down with militarism in our own country.

I appreciate his efforts to get American boys out of Russia. We wouldn't stand for them trying to dictate to us and enforcing their dictatorship by a standing army in our midst. Let us do unto others as we wish to be done by. Bring the soldiers home and remove the blockade.

Roll, Okla. A. C. Thompson.

A Voice from Oklahoma

I have just finished reading Senator Capper's most remarkable speech before the United States Senate. I will not write a lengthy letter, but must say God speed and help him in his good work. If it were possible for every farmer in this great United States to get his speech, he could be elected President by the biggest majority that was ever given to any President. He has shown to the world that he is the farmers' friend.

I denounce Bolshevism, I. W. W.ism, and other gangs who live off the sweat and muscle of the farmers. I am a farmer and a Socialist, but I'm for Capper first, last, and all the time.

Stillwater, Okla. W. A. Watson.

Against Universal Training

I wish to thank Senator Capper for the stand he has taken about sending our boys to foreign lands. I don't think we should mix in other countries' quarrels. I can sympathize with those who have loved ones over there. I had a brother who went over there and remained nearly a year. I hope I never shall see the American boys have to go over there again and I hope Senator Capper will do everything in his power against this compulsory military training. Our boys never will be any better for having gone to training camps, but I fear will be much lower in moral standards. I could give you lots of names against this universal military training plan.

Mrs. L. B. McCay.

Oktaha, Okla.

Atwood Farmer Makes Money

There is a great deal of talk nowadays about farming and stock raising and feeding do not pay. I find there is good money in it if you go at it in a business way, but I will admit there is no money in raising scrub stock of any kind. We handle several breeds of registered stock here on our farm of 400 acres adjoining the city of Atwood, but we make a specialty of registered Holstein cattle and Duroc Jersey hogs and purebred White Leghorn chickens. We raise everything we feed them and with a combination of that kind anyone can make money and make it easily, if one uses common sense and starts with purebred stock of the very best he can afford. We have rye pasture for hogs and

calves to use during the summer and feed alfalfa hay in racks to hogs in winter. We also feed orange cane. We raise no wheat as there is more money in raising purebred livestock. Atwood, Kan. A. Madson.

Farmers Do Not Profiteer

I am much interested in the farm letter department of the Kansas Farmer and Mail and Breeze and would like to hear more of the wide awake farmers. They are the salt of the earth and it is their privilege just now to save this old world. Since about the time when everybody began to cast about for the cause of the H. C. L., the farmer has been receiving considerable attention. When the guaranteed price of wheat was established and the price of other farm products advanced, multitudes of the urban population pointed immediately to the farmer as the culprit. The fabulous price of \$2.26 a bushel for the million upon million bushels harvested was wealth entirely too great for the greedy farmer and something must be done to stop him. The result of J. C. Mohler's recent "questionnaire" concerning the cost of producing wheat will do much to set the wheat farmer right before the eyes of the world. The farmers as a class are not guilty of profiteering and they have not yet "pulled off" an organized strike. Can you imagine a real farmers' strike? What would happen to the coal miners within a few days after the tiller of the soil quit business? And how about most of the other fellows. "Probably a farmers' strike of about two weeks duration would do more to hasten a permanent and satisfactory peace than any other measure. Nobody lives up to the 'Live and let live' policy better than does the farmer, no class does more for the comfort and happiness of mankind and none is more ready and willing to aid in bringing about the long sought for 'Peace on Earth and Good Will Toward Man.'"

Beloit, Kan. W. A. Oakley.

Likes Senator Capper's Speech

Everybody is simply delighted with Senator Capper's great speech in the United States Senate. He surely has touched the hearts of his countrymen and at a meeting of the "Loyal Legion" every ex-officer in the Civil War present was profoundly impressed to such an extent that we desire to have him for our next President.

If there ever comes an opportunity to stand by him, the ex-officers of the Civil War can be depended on to the finish. We sincerely hope that the "Civil War Volunteer Officers' Retired List" will become a law at this session of the Congress. Wm. H. Myers.

Rosedale, Kan.

Back Up the Farmer

The New York American had an article from Senator Capper's pen, full of real good hard common sense, sizing up the farmer's side of the H. C. L. and pointing out the urgent necessity of backing up the farmer at once. After a while it will be too late. This article shows Senator Capper to be a reasonable and strong thinker. Back up the farmer if he needs backing and he will produce so much that it can't and won't be cornered, put in elevators, crowded into cold storage and hid away. He will produce it so abundantly it can't be kept out of the hands of the consumer. That will eliminate the middleman much quicker than legislation can do it.

Lend the farmer a little money when he needs it at the same rate Uncle Sam lends it to him, charge a decent profit and encourage farming and stock raising. The farmer won the war because the army can't fight on an empty stomach, so I am told. The farmer can and will reduce the H. C. L. and not go on a strike.

V. F. Alkire.

Keyser, West Va.

To be content with little is unusual to be content with much, impossible.

Senator Capper's Washington Comment

APPARENTLY there is not the slightest hope for ratification of the Treaty of Peace with Germany before the holidays. I am for prompt consideration of the treaty without further debate or argument, and should like to see it disposed of right away. The situation is up to the President. He has it within his power to obtain ratification within 48 hours by consenting to reasonable reservations Americanizing the treaty. There are enough Democrats ready to join the Republican Senators favorable to ratification to give the two-thirds majority, whenever the President will say the word and place the treaty again before the Senate.

President Delays Peace Treaty

So long as the President delays the country will continue to be the sufferer from inaction. A great part of the country's troubles is due to the doubts and hardships resulting from this ill-advised attempt to plunge this country forever into Europe's intrigues and wars. The people have shown by the support they have given the Americanization reservations adopted by a majority of the Senate that they are opposed to the extreme plan of unconditional ratification favored by the President and it is clearly the President's duty to accept the people's verdict and permit his Democratic followers in the Senate to vote for the safeguarding reservations proposed by the Foreign Relations Committee.

Juggling Prices on Steel

A hearing that has just been held here in Washington before the Federal Trade Commission disclosed an interesting trick of the trade in the steel business. Under the existing custom all steel is sold thruout the United States as if it were manufactured in Pittsburgh. If the steel happens to have been made elsewhere, the purchaser is charged the prevailing price at Pittsburgh plus the imaginary freight rate from Pittsburgh to the point of delivery. Take Gary, Ind., for illustration. Gary is but a few miles from Chicago, the headquarters of the harvesting machinery and farm implement industry of the nation. Theoretically the manufacturers of these implements should be able to buy their steel from the great plants at Gary cheaper than anywhere else on the continent. Located at the foot of Lake Michigan, with low cost water transportation, and with coal from Indiana and Illinois easily available, Gary ought to be able to manufacture and sell steel much lower than Pittsburgh can sell it. Instead of the consumer receiving the benefit of these natural economies, however, actually he is penalized, for not only is the steel more cheaply manufactured at Gary sold at the price of the steel more expensively manufactured at Pittsburgh, but to the price is added the imaginary freight rate for its fictitious transportation from Pittsburgh to the place of its use in the manufacture of farm machinery, etc.

How It Affects the Farmer

As a result of this "Pittsburg base," as it is known in the steel trade, buyers of automobiles, plows, harvesting machines, binders and other farm machinery are paying on the steel that goes into these machines an excess of something over \$13 a ton in production costs and fictitious freight rates. With the average farmer's equipment including anywhere from 5,000 to 15,000 pounds of steel products, it is easy to figure the illegitimate tribute he is paying to the steel trust by reason of this "Pittsburg base." The total cost to the country annually of this system has been 30 million dollars a year. The Federal Trade Commission has not yet announced its findings.

Altho the session of Congress just closed curtailed appropriations for next year more than a billion dollars, and are going over the estimates recently submitted by the various heads of departments with a view to like saving in the appropriations for the fiscal

year ending June 30, 1921, still there is small hope for any reduction in federal taxes. The federal departments have asked for 5 billion dollars, 1 billion being asked for the army alone, and over 1 billion being required to pay interest on the public debt, each of these items being greater than the requirements for all government purposes for any year before the war. The navy is asking for over 1/2 billion dollars. There can be no saving in the interest on the public debt, of course, but there are bound to be big cuts in the estimates for army and navy.

Extravagance Must Be Checked

Congressional leaders are favoring an army of not less than 250,000 men, and many of us believe that an army of 200,000 is quite large enough in times of peace. The navy budget likewise must be pruned down to proper peace time requirements. Republican Leader Mondell in the House has said that economy must be the watchword in the session just beginning and I heartily concur in that view. If the extravagance that has been rampant thruout the country is to be curbed, the government must set the example. If the federal departments will not themselves help to devise means of reducing expenses, Congress will be forced simply to withhold appropriations except for the most needed activities. In Washington alone there are 107,000 civilian employees on the government payroll, at an annual cost of 60 million dollars as compared with 35,000 at a cost of 40 million dollars before the war. This is a sample of the governmental extravagance prevailing everywhere and which must be stopped before lower taxes and normal conditions can be hoped for in this country.

Sugar Prices May Hike

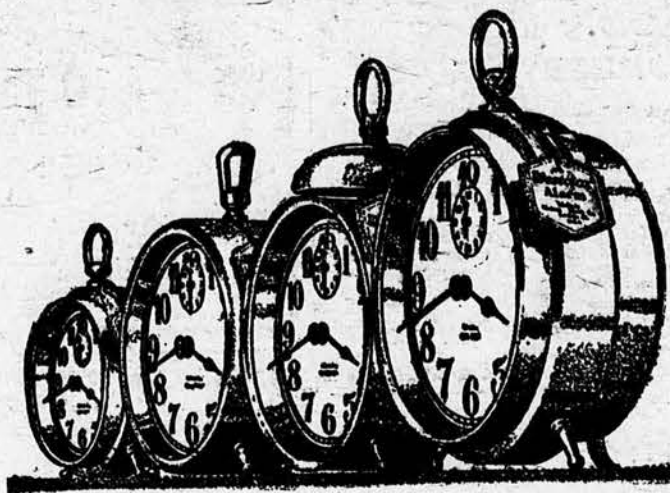
Senator McNary of Oregon continues to urge that the government shall buy what is remaining of the Cuban sugar crop—approximately 3 million tons being yet unsold—and insure the country against further shortage and the threatened famine prices predicted for the coming months of the New Year. Representative Tinkham of Massachusetts told the House last week that the shortage now prevailing could have been prevented and American consumers could have saved between 360 million and 640 million dollars on their sugar bill, had the President followed the advice last fall of the Sugar Equalization Board to obtain control of the Cuban sugar crop. It is this mistake of the government's that Senator McNary is seeking, so far as possible, to retrieve. Not only would the Oregon Senator have the government purchase what remains unsold of the Cuban sugar crop, but he is pressing the bill to continue for one more year the Sugar Equalization Board, so that consumers may not be at the mercy of the sugar speculators at least until after the readjustment of conditions following the war has taken place. Unless some such course as is advocated by Senator McNary is followed, the country is almost sure not only to encounter a sugar shortage but to see famine prices within the next six months.

Government Action Needed

In view of the government's failure to act, Cuban-American sugar stock rose 200 points in six weeks on the New York stock exchange, and the people of the country are forced to pay outrageous prices for sugar in order to pay dividends on these stocks to the gamblers of Wall Street. It is but another illustration of how the consumers of the country—the farmers of the Central and Western part of the country and the workers of all parts of the country—are supplying the funds for Wall Street's wild dance of unrestrained speculation.

Arthur Capper

Washington, D. C.



Westclox

WHEN you wind and set Big Ben at night, you put an inexpensive clock on the same job a high-priced watch held down all day.

The responsibility is even greater! Your alarm not only must keep time but it must call you on time.

Westclox are good timekeepers and alarms combined. They're handy, dependable household clocks. More than one in a home is getting to be the rule. Several clocks save many steps.

We're doing our best to meet the big demand for Westclox. But we must keep a close eye on quality. For it was quality that created this demand.

Western Clock Co.—makers of Westclox
La Salle & Peru, Ill., U. S. A.



TRAPPER'S PROFITS

MAXIMUM profits are assured when Furs are shipped to M. Lyon & Co. LYON always pays what they quote. No flashy promises have ever been made. You can depend on Lyon's quotations. They have made good thru every season for fifty years. Every trapper who has shipped to LYON continues to be a friend. Once a Lyon shipper, always a Lyon shipper. You can rely on Lyon.

FURS Were Never Higher

LYON guarantees to pay highest prices. Grades are never cut and slashed in order to give seemingly high prices. Lyon's grading is most liberal in the business. Rely on Lyon. LYON'S service means more dollars and guarantees satisfaction. No commissions. Shipments held separate on request and valuation submitted for your approval. Reliable, up-to-the-minute market quotations are sent you regularly thruout the season. You can rely on Lyon.

M. LYON & CO.
226 Delaware St.,
Kansas City, Mo.

FREE
Trappers' Guide
& Supply Catalog
—Up-to-the-
Minute Market
Quotations.
Shipping Tags.

Send us Your Hides and Skins

We Make Beautiful, Serviceable Coats, Robes, Gloves, Caps, Etc. for you, or you can order from our own large stock of selected furs and hides. Deal directly with factory and save money. Send at once for shipping tags and free style book with prices and valuable information on care of hides and skins. WRITE TODAY

National Fur Tanning Co.
1937 So. 18th St. Omaha, Neb.

MAKE MONEY ON FURS

TRAPPING AND SHIPPING

TO THE OLD RELIABLE THE Largest Consignment House IN THE NORTHWEST

29 Years of Square Dealing

Write for Price List, Shipping Tags and Trappers Guide No. 113

NORTHWESTERN HIDE & FUR CO.
Minneapolis, Minnesota

KEROSENE ENGINES
OTTAWA LATEST DESIGN

Durable, Powerful, Reliable, Massive. Built to last; to do hard, heavy work. Uses Cheapest Fuel. Pull 4 to 1/2 horse-power more than rated. 3 Months Trial. Easy Terms. Sizes 1/2 to 22 H.P. Easy to start. No cranking. No batteries. 10 Year Guarantee. Most practical engine ever built. Engine book free. A Postal brings it.

THE OTTAWA MANUFACTURING CO.
551 King Street, OTTAWA, KANSAS.

Gold Plated Flag Pin Free

Flag Pins are now being worn by all patriotic American Citizens. Get in line and show your patriotism by wearing one of our Gold Plated, enameled pins which we send for only 10c to help pay advertising expenses.

Jewelry House, 137 Eighth St., Topeka, Kan.

\$5 to \$10 Tonight From One Trap

That's what this boy will make, if he catches a mink or a skunk. Many a young man makes as much as \$10 to \$25 in a single night while he sleeps. It's easy to clean up a few hundred dollars during the trapping season—if you only know how, and ship to get the big prices we are paying this season.

Lincoln Trapper's Guide—sent FREE—a big new book explaining how to set traps to get best results—how to prepare skins to get highest prices.

LINCOLN HIDE & FUR COMPANY
1004 Q. Street Lincoln, Nebraska

We Pay You More for FURS

GET HIGHEST MARKET

Prices out of sight. Know values. We keep you informed. Get acquainted with our "Cash on Receipt"—one Price on each Grade's system.

NO COMMISSION CHARGED

We buy direct. You get highest prices, fair and square grading, honest treatment. Write for latest price list. Send us your Furs, Hides and Wool.

TOP PRICES ALWAYS

KANSAS CITY HIDE, FUR & WOOL CO.
400 Grand Ave. Kansas City, Mo. CASH SENT Day of Receipt

FURS

Biggs at Kansas City

pays highest prices for furs and gives quickest returns. Biggs pays spot cash—no commissions deducted. Furs held separate on request and returned if our prices are not highest. Send for Price List.

FREE—Trappers' Exchange, magazine published monthly. Send for it today. Trappers' Supplies at Factory Cost. Catalog FREE.

E. W. BIGGS & CO.
Backed by 25 years of Square Dealing.
57th Biggs Bldg., Kansas City, Mo.

Trappers Making Big Money Now

Kansas trappers should write immediately to the pioneer Kansas fur buyer for top prices regardless of the size of your shipment. Less overhead expense, less heavy advertising bills and other big expense enables us to pay top prices for Skunk, Muskrat, Civet, Wolf and all other furs. Prices by return mail.

THE FRED WHITE FUR COMPANY, BELOIT, KANSAS

WE BOTH LOSE MONEY IF YOU DON'T SELL YOUR HIDES TO T.J. BROWN

126 N. Kansas Ave. TOPEKA, KANSAS

Green salt cured hides, No. 1, 27c. Horse hides (as to size) No. 1, \$ 8.00 to \$10.00 No. 2, 26c. (as to size) No. 2, \$ 7.00 to \$ 9.00

Write for prices and shipping tags. Payments made promptly.

FUR WOOL HIDES

Be wise. Ship your furs to us at once. Furs are higher than ever. We have been successful satisfying shippers of Furs, Hides, Wool and Pelts for more than 20 years. We pay the very highest prices the market will warrant and hold them separate until we have time to hear from you.

Take advantage of these high prices. Fair treatment and prompt return guaranteed.

Hides also tanned for Robes.

F. M. MCGOWAN CO., Springfield, Ill.

FREE EMERY KNIFE SHARPENERS TO HUNTERS AND TRAPPERS

Hurry! Bill Adams is giving a dandy new emery knife sharpener to every hunter and trapper who asks for it—Free as long as they last—Send for yours now.

Bill Adams says: "There's something else you'll be mighty glad to hear, too. It's about fur prices. They're way up. But the real story is in my new price list."

"If ever there was a time that you should know the facts about raw fur values, it's NOW."

"I'm paying more money—far more than I've ever paid before. I'm paying more than I ever imagined would be paid. My prices are the top. Be fair to yourself. Don't sell until you've seen my list. Write me today sure. I'll send you FREE the emery knife sharpener, shipping tags and price list B; also free market reports thruout the season."

W.R. ADAMS CO. WHOLESALE RAW FURS
FREMONT, NEB.

Grangers Hold State Meet

Kansas Farmers are Firm for Law and Order

BY G. C. WHEELER

TRUE to its traditions, the Kansas State Grange at its annual convention held in Fort Scott last week demonstrated the disposition of the Grange organization to progress in harmony with the government instead of in defiance of government. In other words, as an organization, the Grange is 100 per cent American. In championing the rights of farmers and the great industry of agriculture the Grange has never forgotten the ideals of the order, and has consistently stood thru the long years of its history for a square deal to all with special privileges to none. This spirit was manifest all thru the recent session of the Kansas State Grange. As Ernest McClure, manager of the Kansas Grange Monthly pointed out in speaking before the Ft. Scott Current Topics club during the convention, the Grange has not developed a class spirit but has gone on the principle that what is good enough for all is good enough for the 40,000 grangers of the state.

No Affiliation With Unionism

A little friction seemed imminent as the delegates gathered for the Ft. Scott convention, for the Union Labor Federation of Kansas, Missouri and Oklahoma had scheduled a delegate convention at Ft. Scott during the Grange convention, and apparently hoped for some sort of affiliation in the meetings of the week. As did the National Grange at its recent annual convention in Grand Rapids, Michigan, the Kansas State Grange expressed willingness to co-operate with these union labor delegates but refused to affiliate along the lines suggested. A member of the labor organization was given a place on the program at the informal gathering Monday evening which was somewhat in the nature of a reception preceding the regular sessions. The next forenoon at the first formal session another labor delegate was granted admission to the hall and given a half hour to speak along the lines of the co-operative endeavors of union labor in bringing producer and consumer closer together. Some of the Grange members felt, however, that this talk was more of an effort to explain and apologize for the acts of organized labor in these trying times than a discussion of the co-operative program.

Thru the meeting an occasional Grange delegate seemed disposed to harshly denounce the acts of organized labor, but in all the official acts of the Grange convention there was a disposition to be most charitable to the men who labor with their hands in the various industries.

Members Condemn Strikes

In the formal resolutions passed, however, strikes and lock-outs were condemned as methods of settling labor disputes. It was made a matter of record that the Grange organization would brand as a criminal anyone who conspired to limit production of food, fuel, clothing or other essentials of life, or in any way limit or control the distribution of these necessities in the furtherance of personal or selfish gain, and it was demanded that all such persons be punished for their criminal acts. It was also made a matter of record that any citizen infringing in any way upon the lawful rights, privileges or liberties of American citizens should be held to the strictest accountability for his acts. Governor Allen was heartily commended for his timely and aggressive action in upholding the dignity and sovereignty of the state and the means he is employing in supplying fuel to Kansas citizens in the situation which has arisen as a result of the controversy between organized miners and coal operators.

There seemed to be an earnest desire on the part of grangers in this convention to draw near to other farm organizations and to strive in every way possible to bring about greater unity of purpose and action in promoting the welfare of agriculture as a whole. The multiplicity of farm organizations was deplored, the desire seeming to be to co-operate in every way possible, but in line with the steadfast policy of the Grange to refuse to affiliate or

combine with other organizations. It was also pointed out that in some instances at least the leaders of some so-called farm organizations are not truly representative of farmers or farming interests. In this connection State Master Needham spoke most earnestly on the Kansas agricultural council as providing a means of unitedly expressing the thought and sentiment of the various farm organizations of the state on matters pertaining to agriculture and particularly legislation. It will be recalled that this body met at the state house in Topeka, January 25, 1919, while the last legislature was in session. The state board of agriculture took the initiative in calling the conference. Mr. Needham, as Master of the Kansas State Grange, assumed the responsibility of appointing members of the order as delegates to the conference. In addition to these Grange delegates there were present representatives of the Kansas state board of agriculture, Kansas state horticultural society, Farmers' Union, Equity Union, Co-operative Grain Dealers association and State Livestock association. A permanent organization was effected under the name, Kansas agricultural council. Its purpose was declared to be the promotion of the common interests of those engaged in farming in Kansas and the developing and up-building of agriculture thru legislation, education and co-operation. A legislative program was adopted in which all the delegates concurred. In response to the state master's earnest request for either approval or disapproval of Grange participation in this council, a formal resolution was adopted endorsing the action of the Kansas state Grange officers in taking part in the council and authorizing the appointment of Grange representatives to meet with the council at its next meeting which is to be held January 13, just preceding the annual convention of the state board of agriculture.

Legislative Program

The legislative program of the Grange as set forth in the brief and concise resolutions submitted by the session committee on legislature at the state meeting just held, aroused the keenest interest of delegates as the resolutions were submitted for formal adoption at the closing session. There were differences of opinion on some of the points covered, but the whole program was finally adopted as submitted. This report of the legislative committee of the Kansas State Grange as adopted follows:

We commend the action of Governor Allen in using the power of the state to prevent untold suffering and to protect the public from industrial paralysis.

We congratulate the citizens of Massachusetts on the stand taken in its recent election on enforcement of law and order.

We are opposed to any law that will grant special privileges to any class or any industry.

Against Strikes and Lockouts

We are unalterably opposed to strikes and lockouts as a method of settling industrial disputes.

We favor laws, both state and national providing for compulsory arbitration of all industrial disputes.

We are opposed to the continuation of the farce of government free distribution of seeds.

We favor a modified Torrens law which will improve, simplify and codify the registration of land titles, that shall be safe and without great expense or delay to owners or investors.

We regard the proposed land tenantry amendment to the constitution as a measure designed to exploit agricultural resources at public expense for the benefit of one class.

We oppose the proposed tax amendment to the constitution authorizing the legislature to provide for the classification of property for the purpose of taxation because it is not in the interest of the home owner and will not insure to his benefit; but is a direct step toward the placing of all tax burdens on real estate.

For Road Supervision

We demand that all township roads shall be under the control and supervision of the township boards, and that all county roads shall be under the control and supervision of the county commissioners.

We regard the county as a large enough unit for the economical construction of roads and therefore are opposed to the state engaging in the building of roads.

We favor the county commissioners having the appointment and full control and supervision of the work of the county engineer.

We believe that the so-called benefit district should be maintained when hard surfaced roads are built, but that said benefit district should include the towns and incorporated cities on and along such roads.

We favor the building and maintenance

(Continued on Page 38.)

Good Dairy Barns Needed

Modern Equipment Will Increase Farm Profits

BY JOHN W. WILKINSON

MODERN dairy equipment is essential to success in any dairy enterprise that may be undertaken. Having selected some good dairy breed of cattle and a good dairy bull the next important matter to consider is the building of a suitable barn. "In arranging the barn," says Prof. C. H. Eckles, "it is well to study carefully how closely the conditions of early summer may be maintained throughout the year. The dairy cow does her best in the early part of the summer when on a good pasture. The maximum production reached at this season is very largely on account of the excellence of the food, but at the same time the animal enjoys a moderate temperature and clean, comfortable surroundings. There is an abundance of fresh air and sunlight, and the cow has the perfect freedom of movement. Keep these conditions as near as possible in the barn that is planned, and good results will follow. A cow kept in a dark basement barn surrounded by foul air, with her head fast in a rigid stanchion and her body more or less filthy, is as far from summer conditions as is her milk production below that of early summer."

Types of Buildings

Among the several types of barns in use may be mentioned the following: Basement barn; two-story or loft barn; one story or shed barn; round barn; and the covered barnyard or double stabling system. The basement barn which is usually built into the side of a hill is warm, but is unsanitary and has little light and almost no ventilation. The two-story barn is found on a large number of farms. Usually the first floor is arranged for stabling the stock and the second floor is arranged for the storage of grain and hay. The floor of the loft should be tight enough to prevent dust and chaff from falling upon the cows or into the milk. The one-story barn is used on many farms on account of its cheaper construction, and because it may be well lighted and ventilated and the construction made sanitary in every way. Additions also may be made to the barn from time to time very easily and with but moderate expense. The round barn, it is said requires about 25 per cent less material than other types of barns and for that reason its construction is more economical. My objection to this type is that it is difficult to find carpenters who will put them together properly. This is especially true of the roof which is sure to leak if not properly constructed. I like the long rectangular two-story barn and regard it as the best general purpose barn that can be built.

Select a Good Location

The location of the barn also is an important matter. The building if it is to be used for dairy cows should be located at a safe distance from the pig pen, privy, or any other source of contamination. The site should be on a place where there is good drainage and where it will be convenient for the workers. Rectangular barns should stand preferably north and south in order to make it possible to get sunlight on both sides at some time during the day. Too many barns are built without any reference to lighting and ventilation. Windows do not cost a great deal and will help to solve this

problem. Each animal should have at least 4 square feet of window space or glass. The bottom of these windows may be 4 to 4½ feet from the floor. The windows may be hinged preferably at the bottom in order to prevent drafts or arranged with weights and pulleys as in ordinary dwellings. The floors may be made of planks, bricks, cinders or cement. A dirt floor is very unsanitary and cannot be kept clean. A good arrangement is to fill the inside of the stables with cinders to a depth of 7 to 9 inches packed well and then build the cement floor on top of this layer of cinders. The floor of the central drive-way should be finished rough with a wooden float, but the surfaces of the floors in the stalls should be made a little smoother in order that they may be more easily cleaned. To keep them sanitary the floors should be scrubbed and cleaned every day. Sand may be sprinkled on the cement floor to keep the cows from slipping. The stalls should be well bedded with straw. It is a good plan to have the stalls fit the cows so that the animals' hind feet will stand on the edge of the gutter at the rear. It is very important that the gutter be of ample length so that the cows will not stand with their hind feet in it. "The depth," says Prof. Eckles, "should not be less than 8 inches, while 10 to 12 inches would be better. The proper width is not less than 16 inches. The damage from deep gutters is that the cows will slip and injure themselves. This may be eliminated largely by lowering the passageway at the rear, making this side of the gutter only 6 inches deep." The walls and ceilings should be frequently disinfected thru the application of a good coat of white-wash.

Good Stanchions Required

Some form of stanchions should be used in keeping the cows in their stalls. The rigid stanchion keeps the cow cleaner than any other kind, but it gives her so little freedom of motion that she cannot lie down in a natural position. A very satisfactory stanchion is one that is fastened on pegs at the top and bottom but permits of movement from side to side. Another form fastened with chains at the top and bottom gives still more freedom. Cement mangers should be provided when possible. If these have connection with a sewer or drain they can be cleansed readily and also used for drinking troughs. Some prefer to have separate individual drinking troughs. In winter when the weather is very cold the water should be warmed so that the cows will drink enough to meet their requirements. They seldom will drink as much of cold water as they need. A good tank heater will make the supplying of warm water a very simple and easy matter. Cows should never be given anything but pure clean water. In fact we should be just as careful about drinking water for cows as for ourselves, since water enters so largely into the composition of milk. The water of dirty ponds and stagnant streams is especially dangerous.

The use of impure water for washing the milk vessels or when used for washing the cow's udder may also be the means of infecting the milk supply. The safest plan is to get the

(Continued on Page 33.)



DE LAVAL
the world's standard
CREAM SEPARATOR

There are more De Laval's in actual use than of all other makes combined. A De Laval purchased now will have paid for itself by Spring.

Ask nearest agent for a demonstration—ask nearest office for his name

THE DE LAVAL SEPARATOR CO.
NEW YORK CHICAGO
SAN FRANCISCO

Feed Molasses! Cut Costs in Half



FREE TRIAL OFFER

Gold Medal Brand Molasses fits hogs and cattle for "top market" quicker, better and cheaper—stock like it—just fine for milch cows.

CUTS FEED COST 35 TO 50 PER CENT

One Gallon (33c) Gold Medal Brand Molasses EQUALS ONE BUSHEL OF CORN. Stock eat all kinds of roughage when mixed or sprayed with Gold Medal Brand Molasses—aid digestion and stimulates appetite.

Gold Medal Brand New Orleans Molasses

contains the natural elements necessary to fatten stock and keep them in prime condition. Over six pounds of sugar to the gallon and when mixed with silage or sprayed on roughage you get a feed far superior to any prepared feed you can buy at big saving.

Gold Medal Brand Molasses

makes ALL feed better. Your profits will increase right away—no waste feed—stock eat it up clean. You can mix your own feed—utilize every pound of roughage—cut down on your feed bills and have healthier, stronger and fatter stock.

PRICES:
Per Gallon .33c
Per Bbl. \$16.50

Send Coupon Today With Order

Accept our liberal guaranteed trial offer and watch your live stock profits grow and your feeding cost drop.

Feed Molasses —Cut Your Costs

Simply send name today for facts concerning this money-saving, successful method of feeding.

New Orleans Molasses Co.

Dept. F

6th & Central Sts. Kansas City, Mo.

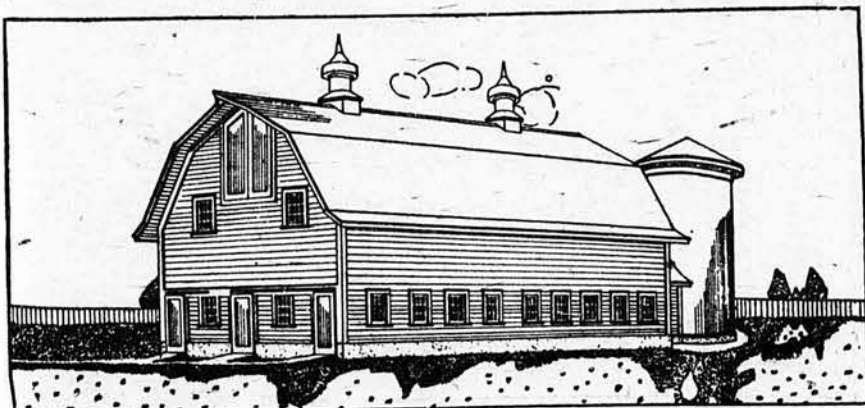
NEW ORLEANS MOLASSES CO.,
6th & Central Sts., Dept. F
Kansas City, Mo.

Please ship _____ Barrels of Gold Medal Brand Molasses subject to your guaranteed 80-day trial offer.

Name _____

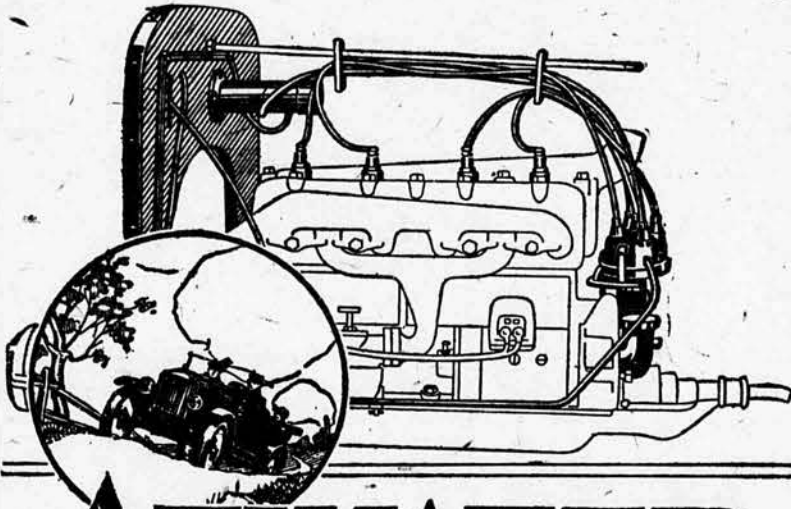
Address _____

Shipping Point _____



Well Arranged Dairy Barns with a Good Silo and Modern Dairy Equipment Will Make the Cows More Comfortable and Will Increase Profits.

Make Your Already Efficient Ford More Efficient



ATWATER KENT TYPE CA IGNITION FOR THE FORD

Equipped with electric starting and lighting
1919 and later models

The Type CA Outfit for Fords is furnished absolutely complete on a special mounting which fits the front of the new style Ford engine. All wiring required is cut to the proper length ready for connecting up the system. A special socket wrench is supplied for use when attaching the mounting to the engine. All these minor parts are as rigidly inspected and held to the Atwater Kent quality-first standard as the Unisparker and Coil themselves.

The special Ford mounting holds the Unisparker in an upright position where it is fully protected from oil and grit, and readily accessible for inspection.

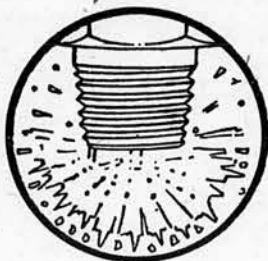
A spark lever is furnished with each outfit in order that manual spark advance can be used in connection with the automatic advance, if the driver desires

Advantages of the Atwater Kent System on the FORD

1. The same hot spark at all speeds from cranking to maximum.
2. This hot spark at low speeds permits throttling down to three or four miles per hour.
3. Makes starting easy in all weathers by furnishing a hot, fat spark as soon as contact is broken, regardless of motor speed.
4. This easy starting prolongs the life of the storage battery.
5. Automatic spark advance reduces gear shifting to a minimum, increases mileage per gallon and adds to ease of driving.
6. Auxiliary spark lever permits of manual spark advance.
7. Fool-proof in construction—one adjustment only and that made with an ordinary screw-driver.



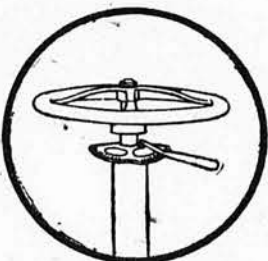
Easier Starting



The same big, hot spark at all motor speeds



Less Gear Shifting



Drive on Throttle alone

ATWATER KENT MFG. COMPANY

Philadelphia

A big field for live dealers

Write factory for proposition

Rural Engineering Hints

BY C. E. JABLOW

The Need for Fuel Economy is Still Urgent

DURING the war, fuel economy was considered of enough importance to establish fuel administrators. This organization as we all know, did not do all of its work in Washington, but the best engineering brains of the United States were called upon for assistance and these men did their work in each of the states. There is little doubt among those who are informed that the work of these men was fruitful in results.

At the time of this writing, we are undergoing severe domestic difficulties on account of the coal strike and it behooves those of us who have learned their lesson in fuel economy to practice it to the utmost and those of you who are still burning coal wastefully, should give ear to any suggestions that save coal and do not result in endangering health.

Methods of Saving Coal

The first method of saving coal that suggests itself to anyone is not to burn any. This statement may sound peculiar to some, if the production of heat is urgent but upon more serious thought, it will frequently be found that coal is not the only available fuel. In many cases the convenience of its use above other fuels is the deciding factor. True it is, that under usual conditions a matter of opinion may govern which fuel we shall burn, but now it may mean that to gratify our desires and use coal where other fuel may be used, will result in suffering to someone else. We cannot ignore the dire conditions that many people are facing on account of the coal shortage. Even should the striking miners resume work in full force under their recent agreement before the reader reads this article, the need for conservation will not have passed.

Substitutes for Coal

The most common substitute for coal is wood and fortunately most furnaces can be quite readily adapted for burning this fuel. Especially for an emergency. Wood that is well dried may have a heating value, equal approximately to two-thirds of the same weight of coal. Expressed in terms of cords and tons this is nearly equivalent to saying that one ton of coal will give the same amount of heat as 1 1/4 to 1 1/2 cords of wood. Of course this figure will vary with the qualities of the coal and wood considered but this quantity may be taken as an average figure. It must be remembered that in some portions of our state, standing timber is an unknown quantity and coal must be used.

Good Results with Less Fuel

If we consider the use of fuel for heating purposes, one way of saving is to use lower house temperatures. A temperature of 68 degrees is considered best for the individual and if you have been maintaining temperatures above this, you have been wasting fuel, labor and money. Another saving is not to heat unused rooms. This loss may not

occur where small heating stoves are in use, as in all probability only those stoves will be maintained where there are occupants in the rooms. In furnace heated houses, however, it is very common to find the whole house heated, altho the family are occupying about two rooms. Shutting the registers is not as effective for this purpose as shutting dampers in the hot air pipes near the furnace.

Care in handling fires may readily result in a saving of as much as 20 per cent of your coal and the same or better results are had with less labor. It should be remembered that electricity generally means an expenditure of fuel and if that fuel happens to be coal in your case, conservation of electricity would also mean conservation of coal. This point is of special interest to the town and city dwellers. There are many persons who would welcome back the old days of wastefulness and there are many who feel that some one is always taking the joy out of life, but the writer can see more satisfaction in a fatter purse or the possession of some coveted article rather than putting your dollars up the stack, as we would do when burning coal extravagantly.

Oil, Straw and Other Fuels

Oil in many instances can be substituted for coal but as a rule this may not be feasible for residence heaters. The writer is aware of some oil burners adapted for heating stoves and ranges and these may solve the difficulties in some localities.

From an agricultural standpoint, it may not be desirable to use straw as a fuel, but in an emergency it should be known that straw has nearly half the heating value of coal. That is, 1 pound of straw will produce nearly as much heat as 1/2 pound of coal.

Sugar cane from which the juice has been extracted by passing thru the rolls of a mill may be used as a fuel. If dry, the heating value is above that of straw and nearly that of wood for a given weight.

Economy of Fuel Saving

If the emergency for fuel saving were not present, intelligent use of the fuel would be desirable nevertheless. Any one may wantonly throw away and perhaps it is his own business, but no one has the right to waste one of our natural resources that is continually growing smaller or the labor that is required to make it available or the transportation facilities that are necessary to bring it to his home.

Our Three Best 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 \$2.00.

While shorts are good for the legs, don't be too short with them.



During the Recent Snow Storm There was Much Suffering as a Result of the Coal Strike. Altho It Has Ended We Still Must Save Fuel.

Jayhawker's Farm Notes

BY HARLEY HATCH

THE BURNING question in the towns just now is fuel; putting all joking aside, the matter of keeping warm should bitter weather continue is just now one of the most serious questions with which the towns have been confronted for years. On the farms fuel can be "rustled" for no farm in Eastern Kansas is far from some creek or river timber belt and hedges line the country roads, many of which are standing in defiance of the law. Now would be a good time to get these high hedges down; they prevent the roads from drying out and permit the drifts to get wide and deep when the snow flies. A hedge which is kept trimmed down to the right height makes a pretty boundary for a country road but when it is permitted to grow unchecked it is anything but pretty.

Miners are Peeved

I am informed that the miners feel much aggrieved at the volunteer coal diggers but do they think the people of Kansas are going to stand "humped up" and freeze to death in order to permit the miners to gain their point? If the miners were starving would they refrain from raising farm produce to eat if the farmers kindly asked them to do so on the theory that wages of the farmer were going to be reduced thereby? The farmer is one chap that always makes everyone welcome who wishes to try the farming game. There is never a thought that the more farmers, the more produce and the lower the price. If the town folk think that farm produce is costing too much they are at liberty to farm their town lots to the fullest extent and the farmer, riding by, is glad to see their vegetables thriving so well. The farmer has not the striking habit, luckily for the rest of the world. But would it be any worse to permit a man to starve than to freeze? Will some miner tell us?

Grief for Engines

The cold snap which came about November 15 caught many gas engine owners unawares, and "busted" cylinder jackets and radiators made a big bill for the unlucky ones. A neighbor awakened at 3 o'clock on that cold morning and his first thought, "my motor car radiator" brought him out of bed with a jump. A hurried visit to the car showed ice just forming but a little heat applied at the right place caused the car to drain. Those who left water in their cars and who did not awake found much cracked iron the next morning. The Lebo paper says many persons of that locality had bills of more than \$1,000 to pay as a result of not draining the radiators.

Anti-Freeze Mixtures

If a motor car has to stand long in the streets with water in the radiator I would be in favor of using some of the various "anti-freeze" mixtures. But where the car is kept going while in use or where it does not have to stand in the cold long I should prefer plain water in the radiator. The wood alcohol and glycerine mixture will prevent freezing. I know, for we gave it a thoro trial once when the mercury went to 13 below, but we did it with fear and trembling. The next morning the

mixture was not frozen hard enough to do any harm but it was of a mushy consistency and it made the car very hard to start. In extreme cold weather starting is much easier if nothing is left in the car and the start is made with a fresh filling of warm water.

Growing Ribbon Cane

A Jewell county reader asks whether the "Ribbon cane" of which we wrote some time ago could be raised there. This might be possible if the season was favorable but I should consider Jewell county about the extreme northern limit for growing this cane. A trial on a small scale might be worth while. This Ribbon cane is not suitable for stock as is the common sorghum; the seed should be planted not closer than 6 inches to permit the stalk to attain full size. It then grows very large and is full of juice and makes a large yield of molasses. It is a molasses and not a feed sorghum. This reader also asks whether it would be good policy to follow oats with oats. The ground where it is planned to grow oats was plowed very deep one year ago and oats grew on it this last season. Our inquirer wishes to double disk this ground next spring as he could not get it plowed this fall, and drill in oats. He wishes to know whether he could expect a good crop by so doing. I never have thought it good policy to follow oats with oats, even if the ground was fall plowed but to follow oats with oats and merely disk the stubble or even to spring plow would not appeal to me as a good way to raise a crop.

A Question Answered

An Osage county reader asks whether it is necessary to have a side delivery rake to use with a hay loader. He is going to buy a loader but has a good common rake and does not wish to buy the side delivery unless it is absolutely necessary. On this farm we have been using a hay loader for the last 15 seasons and never have found it necessary to use anything but a common rake. In fact, for upland prairie hay we much prefer the common rake to the side delivery. Where alfalfa is the main hay crop a side delivery rake is very nice for then one can start in astride the windrows with his loader and never be obliged to turn around until the field is done. With the common rake one has to turn at the end of every windrow; with the side delivery rake, the windrows are continuous and have no break until the last of the hay is on. The side delivery is also very handy when hay must be turned which has been wet in the windrow; that work can be done easily and quickly with a side delivery while if a common rake is the only one in use the turning must be done by hand. But, however handy a side delivery rake may be, we never have thought it would pay us to own one as our hay acreage is largely in upland prairie and the side delivery rake will not handle this kind of hay to advantage when it is short. The side delivery rake takes up so much room that we rarely see one under cover and for that reason these machines do not last as long as they otherwise would.



**YOU MAY BE
COMFORTABLE
BUT—**

HOW ABOUT THE STOCK?

THE nights grow longer and bitter cold. Winter's storms rage over the farm. Then, as you sit by your glowing fire and read this paper, what feeling of satisfaction and contentment can equal that of knowing the farm animals also are warmly and comfortably housed?

The cows, well-bedded down, placidly chewing their cud; the horses, in dry,

warm stalls, munching hay; the pigs, and the calves, and the chickens, all safe from the sleet and the snow and the biting winds,—that means, for YOU, peace of mind as well as the enjoyment of your own bodily comfort. And it means, too, good business,—because maximum returns in dollars and cents can be earned only by stock well housed.

Decide now to build farm structures you need. And when you build, build with

Southern Pine

"The Wood of Service"

the most plentiful, the most adaptable, and—quality considered—the lowest priced building material on the market everywhere east of the Rocky Mountains.

"Town & Country Buildings" is the title of a new and valuable book which contains many photographic reproductions of practical, up-to-date houses, garages, barns, poultry houses and other structures for town and farm. For every building illustrated in this

book your local lumber dealer can show you blue prints and working plans, and give you an accurate estimate of the cost of building. That service costs you nothing. A copy of this book will be sent you FREE, if you mention this magazine when writing.

**Southern Pine
Association**
4589 INTERSTATE BANK BLDG.
NEW ORLEANS, LA.



You Can Save Money Now!

Many magazines have announced an increase in their subscription price. Others are contemplating advancing. We can still offer a few magazines however, at bargain prices. Order today.

Not Good After January 10, 1920

SPECIAL CLUB No. 500

Kansas Farmer and Mail and Breeze.....	All for \$1.60 Save 65c
Capper's Weekly	
The Household	

Club No. 1

Kansas Farmer and Mail and Breeze.....	All for \$1.15 Save 60c
Household	
Woman's World	

Club No. 2

Kansas Farmer and Mail and Breeze.....	All for \$1.65 Save 60c
Capper's Weekly	
People's Popular Monthly	

Club No. 3

Kansas Farmer and Mail and Breeze.....	All for \$1.45 Save 90c
Home Life	
Mother's Magazine	

Club No. 4

Kansas Farmer and Mail and Breeze.....	All for \$1.60 Save 90c
Woman's World	
McCall's Magazine	

Club No. 5

Kansas Farmer and Mail and Breeze.....	All for \$2.25 Save \$1.00
Household	
Pictorial Review	

Club No. 6

Kansas Farmer and Mail and Breeze.....	All for \$1.85 Save 90c
Household	
Modern Priscilla	

NOTE If you do not find your favorite magazine in clubs listed above make up your own combination of magazines and write us for our special price. We can save you money on any two or more magazines providing they are clubbed with our publication.

KANSAS FARMER AND MAIL AND BREEZE, Topeka, Kansas

Enclosed find \$..... for which send me all the publications in Club No..... for the term of one year.

Name.....

Address.....



Just Now When Coal is So Scarce the Buzz Saw is a Mighty Popular Machine. Many Farmers in Eastern Kansas are Utilizing Waste Wood for Fuel.

WALTHAM
THE
SCIENTIFICALLY
BUILT
WATCH

AND
THE
FOREIGN
BUILT
WATCH



The Smallest Screw
in the World



Know These Facts Before You Buy a Watch

THERE are turning operations upon metal made by Waltham machinery that are so minute, so wondrous in their delicacy, so exacting in precision, that the mind is amazed at these triumphs of American skill in watchmaking.

Imagine a machine turning out by the many thousands, screws so small that the naked human eye sees them as points of metal shining under reflected light—screws that measure 254 threads to the inch, and you can put 47,000 of them in a small thimble!

Screws that are hardened and tempered, each one polished on the top—screws that are perfect in sphericity, perfect in thread, perfect for their place in the mechanism of that ladies' Waltham watch movement, which, when completed, is actually smaller in diameter than a dime—a ten cent piece.

The screws in the foreign-made watch are made by hand. But comparing them under the magnifying glass we see the difference between these hand-made screws and the Waltham machine-made product. The foreign screw varies—the Waltham screw is standardized in size and perfection of workmanship.

No human hand could ever match the quantity and quality performance of machinery that creates such miracles as these.

This is one more of the many reasons why the world's leading horologists came to Waltham for time, and still another reason why your selection should emphatically be a Waltham.

This story is continued in a beautiful booklet in which you will find a liberal watch education. Sent free upon request. Waltham Watch Company, Waltham, Mass.



Waltham 7½ Ligne

The movement is actually smaller than a dime in diameter
\$175 to \$1,000 or more
depending upon the case

WALTHAM

THE WORLD'S WATCH OVER TIME

WATCH YOUR CALVES

At the first indication of scours or cholera give them
Dr. David Roberts' CALF CHOLERA REMEDY
the treatment that gets quick action.
At your dealers or postpaid \$1.00

There is a Dr. Roberts' Prescription for every common animal ailment.

Send for illustrated price list and free copy of the "CATTLE SPECIALIST" with Questions and Answers pertaining to ABORTION IN COWS. Treat your own herd, small expense.

If no dealer in your town, write
DR. DAVID ROBERTS VETERINARY CO., INC.
418 Grand Avenue
WAUKESHA, WIS.

The Stover Way Makes Feeding Pay

Write for FREE Book—Learn Why grinding adds 25% to feed value—makes better stock. Economical grinding results from use of

STOVER FEED MILLS

Crush corn in husks, grind any grain. ½ to 40 h. p. Cap. 3 to 150 bu. per hour.
WRITE TODAY FREE
for Booklet
STOVER MFG. & ENG. CO.
10091 Ideal Ave. Freeport, Ill.
Stover Samson Windmills, Engines, Pump Jacks, etc., since 1865. FREE Catalog.

6% Interest—Payable Semi-Annually

On Our Full Paid Certificates

Under State Supervision Bank Dept. Assets over \$400,000
First Mortgage Security
THE SOUTHWEST BLDG. & LOAN ASS'N
109 N. Topeka Ave., Wichita, Kansas

Light Plant Owners

If you want to double the life of your light-plant and auto batteries, and save much trouble, and expense, get a

NO. 2 WORKRITE HYDROMETER OUTFIT
A special high-grade hydrometer is fitted in gallon jar for keeping distilled water, making safe and clean place for both. Take it to town for more water. Send post card for description and price. When buying a new plant, insist that it is supplied with this "Workrite Outfit." Regular equipment now with many plants (dealers ask your factory).
THE WORKRITE MFG. CO.,
5605 Euclid Ave., Cleveland, O.

WHY SQUARE DEAL FENCE Never Sags

The Square Deal lock grips the one-piece stay wires and the strand wires firmly without cutting, breaking or slipping. And the wavy strand wires give SQUARE DEAL FENCE its springiness. That's why it

Stands Tight and Trim Year 'Round

SQUARE DEAL FENCE is built of quality materials that gives lasting service and rust-resisting, durable wear.
Free Get a copy of our new fence book now and learn all about the many superior features of SQUARE DEAL FENCE. Book sent free and postpaid. Write:
KEYSTONE STEEL & WIRE CO.
871 Industrial St. Peoria, Ill.

For Our Young Readers

Bennie Plans a Christmas Surprise for Mother

BY JANET L. WIEK
Shawnee County

BENNIE AWOKE with a delicious feeling that something pleasant was going to happen to him. "What was it?" he drowsily wondered. "O yes," as full consciousness came upon him and he snuggled down under the covers with a delightful wiggle. Christmas was coming! Christmas was coming! And now it was only five days off!

He felt very grown up this year indeed. Why, it was only last year that he had believed in the Santa Claus myth, but this year he was going to give presents himself and for weeks he had been hoarding up his pennies and nickels until now a goodly sum reposed in his little bank.

He had his presents all picked out for each member of the family with the exception of mother, and he was having a hard time deciding upon hers, as he wanted it to be especially nice.

He lay pondering the question for some time, but could not quite decide, and in the midst of his pondering, his mother's voice sounded from the door. "Bennie, jump up now, or you'll be late for school."

With a quick jump Bennie landed on the floor and gave a shout of joy as he looked out of the window, for the ground and houses were covered with a heavy blanket of snow.

"Whoopie! whoopie!" he shouted. "Look at the old snow, good old snow." "Bobbie, come look at it," he called to his baby brother in the other small white bed.

That evening accompanied by his older brother, who was a very much grown-up young man in his adoring kid brother's sight, he emptied the pennies and nickels out of his bank, and went importantly down to the stores to buy his presents.

The problem of buying his mother's present remained yet unsolved, despite mysterious conferences with the other members of the family. He even had tried the ingenious method of asking her leading questions, to try to find out what she wanted, but all to no avail. Well, he still had four days to decide that, he thought hopefully.

That evening the snow was just right for rolling into big snowballs, and what fun it was to see how big a ball he could roll! He worked and worked until he had a monstrous, big snowball, and just then big brother came home from high school.

"Hey, lookee!" shouted Bennie. "See my big snowball. Did you ever see such a big one?"

"Say kid, that is a big one. How'd you like to have me take a picture of it with my new kodak? I'll get Bobbie and we'll stand him beside it. I believe the light's just right to make a good picture."

"Oh! Oh! I know!" gleefully cried Bennie. "It's just the thing, it's just the thing for mother's Christmas present! See, I'll buy a little frame for it

at the ten cent store and then I can put Bobbie's picture in it, and it's just what she wants, 'cause she said the other day she wished she had a picture of Bobbie to hang over her desk right by you and me."

"Why, that's an excellent idea," approved brother Fred. "We'll put Bobbie's new red and white sweater and cap on, so he will look especially nice, and we must be careful not to let mother see us."

They cautiously enticed Bobbie away from his mother. With many promises and amid much squirming on his part and excited whispering on the part of Bennie, they finally accomplished the feat of putting Bobbie into cap, sweater and leggings. They had some trouble in making him keep still, as he would insist, "I wants to sit on the ball." They succeeded, however, in snapping a number of pictures and Fred took the film down to the photographer's. He promised they could have the pictures in time for Christmas.

Bennie scarcely could wait until the time for getting the pictures. Perhaps they would not be good and then what would he do? Several times he nearly gave the secret away.

One of the pictures proved to be an excellent success. The photographer had enlarged it, so that it made a very interesting portrait. Bennie took the picture down to the ten cent store and there chose a narrow brown frame for it. Then he selected two brass hooks to screw into the top and brother Fred showed him how to paste a heavy piece of brown paper over the back of the picture, so that when it was all finished it made a lovely present.

When Bennie's mother unwrapped her gift, she exclaimed that it was the best present she had received, and if you will look at the picture of Bobbie and the snowball I am sure you will agree.

Signs of Christmas

Curtains draped with wreaths of holly,
O'er the door hangs mistletoe,
Chandeliers are looking jolly,
Red bells swinging to and fro.

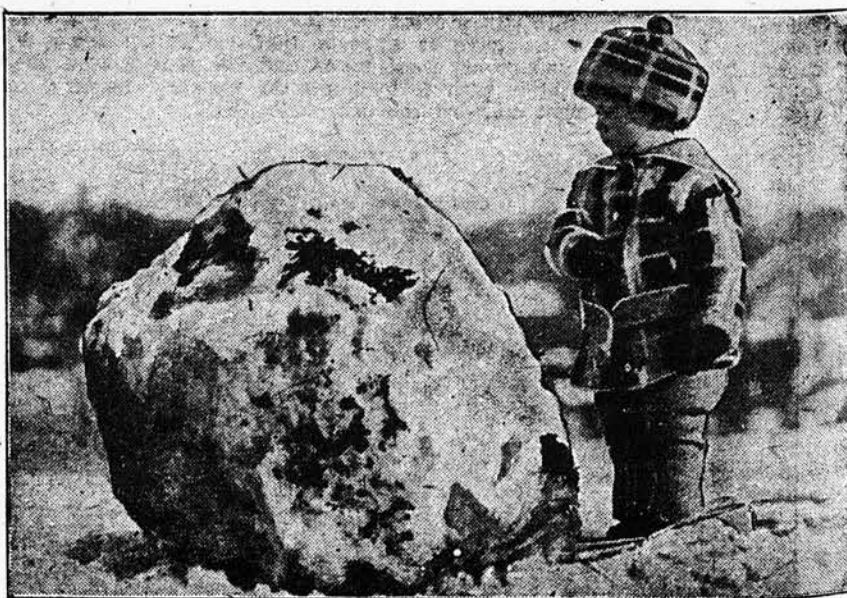
Spicy odors, appetizing
Steal up from the kitchen stairs,
Parlor doors shut tantalizing,
Mysterious whisperings everywhere.

Father with his pockets bulging,
Comes home trying hard to keep
Hidden lest he be divulging
Secrets, to bright eyes that peep.

Puss and Towser puzzled greatly,
Wonder what all this small foe,
He's so sweet and peaceful lately—
But it's Christmas time, you know.
—By Irene Judy, Garnett, Kan.

Uses Them at School

Dear Editor: I want to thank you for the box of pencils you sent me as a prize. I am using them at school and thank you very much for them.
Paola, Kan. Ernestine Ernst.



With Many Promises, They Cautiously Enticed Bobbie Away from His Mother. "I Wants to Sit on the Ball," He Insisted.

Week's Financial News

Safe Bonds at Prices Yielding Surprising Returns

BY SANDERS SOSLAND

WHAT RETURNS investors can realize from acquiring the best classes of bonds at current exceptionally low prices!—Real surprise is manifest over the extraordinary yields which the bonds of corporations, municipalities, governments and public utilities offer to investors at present quotations on the leading financial markets of the United States. At Kansas City and at other markets many investors are taking advantage of the opportunity to acquire bonds at prices which bankers never considered possible in their most pessimistic moments years ago.

Railroad bonds which were issued years ago at par to return the investors who purchased them readily between 4 and 5 per cent are now quoted at prices which mean a return to the buyers of 5 to 9 per cent. Some foreign government bonds are quoted at prices which yield as much as 10 per cent. Kansas City investors recently purchased Japanese bonds which return practically that much annually. The Liberty Bonds of the United States government are still available in in-

to bring higher interest returns than in the past.

Under the rulings of the government, individuals and corporations holding securities which show a loss from the purchase price cannot deduct that loss from their income tax statements unless those issues are sold. On account of this ruling, many individuals and corporations preparing to make income tax reports have lately been heavy sellers of bonds, notably the government issues, in order to "establish losses" deductible from their profits.

Tight Money Affects Bonds

Tight money also affects bond prices. When banks are not strongly loaned up, they often buy high grade bonds with short maturities for the purpose of investing idle funds. There has been less of this buying than usual in the Southwest, including Kansas, and in other parts of the country in recent months.

It is fortunate for many investors that bond prices have tended downward to a level which means surprising returns for the best classes of is-

Why Bond Prices Slumped

THE HIGH COST of living is an important factor in bond sales. A 4 or 5 per cent bond yields \$40 or \$50 annually if of \$1,000 denomination. This sum does not buy the same clothing, the same amount of fuel, does not cover the rent for the same number of rooms and does not buy the food or railroad service which it bought years ago. Investors have therefore been seeking higher returns on their capital just as the wage earner has been seeking more money for his labor. The investors have succeeded in their demands for higher returns because railroads, manufacturers, street car, telephone and other utility owners have had to compete with Uncle Sam's needs for billions of dollars. So, new issues of bonds have been made at advancing rates of interest, while the old issues put out years ago have slumped sharply to a level which brings their returns on the same basis as the new output of securities.

stances at prices which mean a 5 per cent return to the investor. The 4 per cent adjustment bonds of the Santa Fe railroad are obtainable at prices as low as 70, which means a return of more than 5½ per cent. Rock Island refunding 4 per cent bonds, due in 1934, are quoted at a price yielding about 8 per cent. St. Paul railroad, 4 per cent debentures, due in 1934 are quoted on about a 7½ per cent basis. Union Pacific first and refunding 4 per cents, maturing in 2008, are quoted around a 5½ per cent basis. Pennsylvania railroad general 4½ per cent due in 1905 are quoted on a 5½ per cent basis. These are merely examples of the low quotations now prevailing. Many other issues are at the lowest prices in recent years or the lowest quotations on record.

Tax Exempt Securities

Recent declines in the bond markets of the country, which have been general except on municipals, brought out additional discussions of the condition of the trade in the premier securities. Innumerable factors are entering into the trade. One which is relatively new but which is growing in importance, altho it has already been emphasized, is the temptation prevailing among the richest holders to sell and re-invest their funds in tax-exempt securities. This selling is creating real opportunities for the investors of moderate means to whom income tax payments do not mean so much as to the very rich. Prior to the war in Europe, United States bonds commanding 3 and 4 per cent interest were in such strong demand from the extremely conservative investors that they sold at premiums. Today, with so many Liberty Bonds of the government outstanding and with recent heavy selling, the securities of the American government are available on a basis which yields as much as 5 per cent. When the bonds of this government are so cheap, it is necessary for the bonds of railroads, utilities and other corporations

sues. Many uncertain and highly speculative offerings of stocks and bonds, particularly stocks, have been kept out of markets by the competition from the high grade offerings. A damper has been put on immense outpourings of new securities to finance new enterprises based on temporary boom conditions.

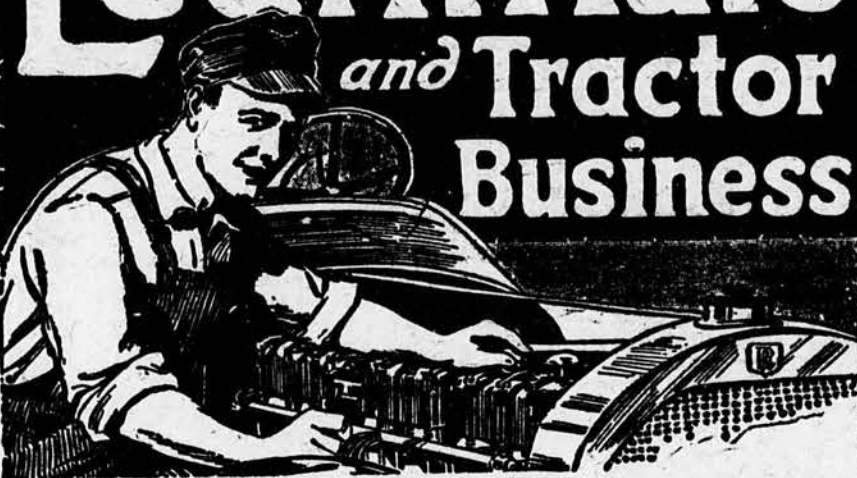
Foreign Exchange Still Declines

When deflation has proceeded and when the purchasing power of the dollar increases, the bonds being acquired at current low prices will advance. Perhaps further recessions will be witnessed before the upward movement begins. Perhaps the market is already at the bottom. Anyway, the day is coming when investors will look back at the present period as one of cheap and attractive prices on bonds of the highest classes.

Pessimism, which has been described previously in these columns as surrounding the market for foreign exchange, seems to be on the increase in that branch of money markets. The British pound sterling broke last week to a level below \$3.70 and there is talk of a further slump to \$3.50 if not to a still lower figure. As to the seriousness of this decline, it is well to repeat that the normal par value of the British pound sterling is \$4.86½. The German mark has slumped to a level below 2 cents, against the par of 23.8 cents. More than 13½ lire and nearly 12 francs are now required to equal an American dollar, compared with the normal par of 5.19 francs or lire to the dollar.

Weakness in foreign exchange has been the principal bearish factor in security markets in the past fortnight. There is a better feeling on account of the settlement of the soft coal miners' strike, but much labor unrest continues. No change toward easier money is apparent; in fact, rates have strengthened, due in part to the arrangements many corporations and others are making to pay interest and dividends payable on January 1, 1920.

Learn Auto and Tractor Business



by the Rahe Practical Method In 6 to 8 Weeks

You'll learn best and quickest here in the Oldest and Greatest School of the kind in America. The Rahe method is the original practical method of training for success in the Automobile and Tractor business. More than 22,000 graduates owe their good success to the practical training they got here.

Earn \$150 to \$400 a Month

Garages and repair shops the country over know the higher skill and better ability of Rahe trained men—as a result, we always have more calls for men than we can supply. A few short weeks here will enable you to earn \$150 to \$400 a month immediately upon leaving school, or fit you to open a business of your own and make much more.

Rahe Auto & Tractor School

World's Oldest and Greatest

Twice more equipment and twice more floor space used in actual daily practice than in any other auto and tractor school. You will find everything in the automotive industry here—autos, trucks, tractors—all kinds and sizes; electrical starting, lighting and ignition systems—all types. Largest and best arranged live motor department in America. Master Mechanic instructors guide you in making quick progress.

You Learn Best and Quickest Here

Any man 16 years and older can learn here easily. No previous experience or special education needed. Come to this school of greater equipment with simply the will to work. No tools or "extras" to buy. Same method used during the war to train 5,000 soldier mechanics in 60-day courses.

Low Tuition Rate Now Send your name so we can mail Free to you, our big 68-page book, our present Special Tuition Offer and proof from thousands of graduates.

RAHE AUTO & TRACTOR SCHOOL
DEPT. 2619 KANSAS CITY, MO.

Two Blocks to your left as you come out of the Union Depot.



Mail this coupon today for Special Tuition Offer with 68-page Book showing opportunities everywhere and proof of graduates' success.

FREE

Name

Address

Age..... Occupation.....

Dickey Septic Tanks



A modern home sewage disposal plant. With or without running water. The health of your family is too important to be neglected. Proper sanitary conditions safeguard health. Dickey Salt Glazed Septic Tanks provide proper sanitary conditions. Write for descriptive booklet.

W. S. Dickey Clay Mfg. Co., Dept. 51, Kansas City, Mo.
Established 1895

Classified Ads Will Bring You Quick Results

With the Homemakers

Stella Gertrude Nash, Editor

Let Us Teach the Children What to Expect at Christmas. They Never Forget Big Disappointments

IF THE thoughts of youth are, as the poet tells us, long, long, thoughts, so, also are the disappointments of childhood, long, long disappointments. Of course, there are little disappointments recurring day after day—they are a part of life itself—which are quickly forgotten, leaving behind them no impression whatsoever. But there are big disappointments which will forever remain in the mind, tho all the circumstances surrounding them may pass away.

Can you not call to mind the keenness of your disappointment when, on the long-anticipated morning of circus or fair day, you awoke to the sound of pouring rain and went solemnly, yet hopefully, to the kitchen, to find that the day's outing had been called off and your gala day postponed for a whole year? Or, perhaps, you recall better that black Christmas morning so long ago when, after you had been allowed to talk of the big doll you were going to have, to plan for it, to be sure you were going to be left one by old Santa Claus, you found in your Christmas stocking only a small, cheap imitation of the doll of your dreams. Can you ever forget that morning? Never! Not if you live to be a hundred or more.

Disappointments are many times outside our control, yet the disappointments of Christmas morning can in a large measure be avoided. If the little boy talks of the "great big engine with a dozen cars that will really run" that he is going to have, and you know that it is beyond the limits of your pocketbook, don't allow him to think about and talk of that engine right up to the morning of Christmas. It will be an easy matter to lead his thoughts away from such an expensive toy to one that you know is within your reach. With a little tact you can soon have him all eagerness for the possible engine. And, then, when Christmas morning comes and he finds the little engine he has so long been thinking about, there will be nothing but pleasure in his acceptance of it, not a trace of disappointment because it was not bigger.

Whatever the toy that the child most desires see to it that that toy becomes eventually one that is within your means to purchase. Even if the child is still in the Santa Claus period of his life and believes that he only has to wish for a thing for Santa Claus to come down the chimney with it, make him understand that there must be money even for Santa to buy all the toys the boys and girls in the land demand. Get him interested in the little poor children whom Santa Claus must remember first, and see how quickly his thoughts will center on some more inexpensive toy.

Figure out some way to avoid a Christmas morning disappointment, not necessarily by squeezing out money to buy things you cannot afford to buy, but by getting the child to want with all his heart what you know you can get him. His joy in his miniature gift, if such it has to be, will make you forever thankful that you didn't allow his hopes to rise to the point of expectancy over some big gift, only to suffer cruel disappointment when he emptied his stocking or watched the tree being stripped of its gifts.

Mrs. Margaret A. Bartlett.

Christmas Candy Recipe

I have been reading the recipes in the Kansas Farmer and Mail and Breeze for a long time and have tried several. They are fine. I am sending a candy recipe which I use often and like. Put 1 pound of powdered sugar on a bread board and roll out all the lumps with a rolling pin. Put in a bowl, add ½ pound of butter and flavoring as desired. Mix thoroly. A

portion of it may be tinted green or pink, and some finely chopped nuts added. Mold into small balls. Grate bitter chocolate into a deep pan or cup and add a little paraffin. Melt over hot water and coat the candy with the chocolate, using a hatpin or wire. Place on waxed paper to harden.

Mrs. D. J. C.

Greenwood Co., Kansas.

Rubber Articles Bring First Aid

BY STELLA G. NASH

Had you ever thought about the big part rubber goods play in the sick room and in the home? There's the water bottle, for instance. No matter what the disease this handy article filled with hot or cold water helps to bring at least temporary relief. Almost the same thing is true of the fountain syringe and there are few families that do not possess these household necessities.

The rubber ice caps and bags are not so generally used but they are indis-

large enough. They should be worn at least one-half to one full size larger than kid gloves. If used for handling acids, grease, fats or oils—all of which injure rubber—the gloves should be thoroly washed immediately after such use. Before removing the gloves wash them carefully with soap and water and dry thoroly. After removing, dust them inside and out with glove or talcum powder. Do not pull the finger ends in removing but grasp the wrist band and pull the glove off inside out.

The following letters are from women readers of the Kansas Farmer and Mail and Breeze who have used the rubber water bottle and wouldn't be without one in their home:

Used for Every Ache and Pain

When anyone in our family has an ache or pain the first remedy usually thought of is the hot water bottle. It is used for toothache, earache, backache and for almost any ache. For headache we place the bottle filled with hot water under the neck and a second bottle or hot cloths on the

helpful in cases of earache or toothache. It relieves almost any pain in the back, or shoulders, or cramps in the stomach.

When the children have sore throat or colds in their chests they are put to bed with extra covering, and the hot water bottle, filled with very hot water, is applied to their throats or chests. This usually causes them to sweat, and the congestion is relieved. The doctors tell us colds or pains are simply congestion of the blood in the affected parts and heat relieves this by causing the blood to circulate better. Before hot water bottles were in use cloths wrung out of hot water were applied but this method was very unsatisfactory and uncomfortable as well.

Four members of our family had the flu at the same time last fall and the hot water bottle was in almost constant use. It was fine to use when the patients' fever left them, as it helped to maintain their normal temperature. The baby was suffering with a pain in her leg, caused from walking too far, not long ago, and after going to bed she called for the hot water bottle saying she could go to sleep better with it. The bottles are not very expensive and with proper care last a long while.

Mrs. F. B. Slade.

Stafford Co., Kansas.

A Real Santa Claus Suit

I have a Santa Claus suit that has done duty for 12 years. The little niece for whom I made the suit has grown up and married and since then a number of children have worn it. It always is in use at Christmas time. It has officiated at three Christmas trees and has made any number of trips over the community carrying a sack of treats and toys for the children. Wherever it goes it is followed by a shouting crowd of young people.

This suit is made of turkey red calico and trimmed with cotton padding cut in strips for fur. The trouser part is made something like overalls with plenty of room allowed in the front to stuff in a pillow. The coat is a plain sack with flowing sleeves and a belt and there are a toboggan and a pair of leggings all of the red calico. The strips of cotton padding to represent fur are sewed on the bottom of the trousers, around the neck, down the front, around the bottom, on the sleeves of the coat and around the head on the toboggan, with a little tip of it also on the hanging end of the toboggan.

We have a Santa Claus false face with long beard and when a 12-year-old child is inside this suit and nicely padded to just the right degree of plumpness, he looks as real as the Santa Claus described in the famous "Night Before Christmas." Make one of these suits and see if you are not well repaid by the added pleasure it will give your little folks.

Arvilla Shaw Smith.

A Message to Grange Members

The following is an abstract from an address made by Mrs. Mabel Pomeroy of Holton, chaplain of the Kansas State Grange, at the Fort Scott meeting, December 9, 10 and 11.

"A great future lies before the farmer if he will only realize it. Our nation is in grave danger and will continue to be until conditions are brought about so that all classes of industry are treated fairly and squarely. The farmers' slogan should be 'Farmer, save thyself and in so doing save the nation.' The American farmer, as a class, must be the one who will guide our ship of state thru the violent storms that are just now in its pathway. But he never will do it unless he becomes better organized.

"Our only hope, as a nation, is in establishing conditions in which all men are brothers, realizing and sharing one another's problems. The farmer is go-



The Little Feller's Stockin'

Oh, it's Christmas Eve, and moonlight,
and the Christmas air is chill,
And the frosty Christmas holly shines
and sparkles on the hill,
And the Christmas sleigh bells jingle,
and the Christmas laughter rings;
As the last stray shoppers hurry, takin'
home the Christmas things;
And up yonder in the attic there's a
little trundle bed
Where there's Christmas dreams
a-dancin' thru a sleepy, curly head,
And it's "Merry Christmas," Mary, once
again fer me and you,
With the little feller's stockin' hangin'
up beside the flue.
'Tisn't silk, that little stockin', and it
isn't much for show,
And the darns are pretty plenty round
about the heel and toe,
And its color's kinder faded, and it's
sorter worn and old,
But it reely is surprisin' what a lot
of love 'twill hold;

And the little hand that hung it by
the chimney there along
Has a grip upon our heartstrings that
is mighty firm and strong;
So Old Santa don't forget it, tho it
isn't fine and new,
That plain little home-knit stockin'
hangin' up beside the flue.

And the crops may fail, and leave us
with plans all gone ter smash,
And mortgages may hang heavy, and
the bills use up the cash,
But whenever comes the season, jest so
long's we've got a dime,
There'll be somethin' in that stockin'
won't there, Mary? every time.
And if, in amongst our sunshine, there's
a shower or two of rain,
Why, we'll face it bravely smilin', and
we'll try not ter complain,
Long as Christmas comes and finds us
here together, me and you,
And the little feller's stockin' hangin'
up beside the flue.

—Joe Lincoln in the Saturday Evening Post.

pensable in cases of fever or whenever it is necessary for a patient to have cold applications. These bags are made for the head, throat and spine in various sizes.

Few persons realize the comfort to be had from rubber air cushions. They are a great boon to old or sick persons and persons convalescing from a surgical operation find them indispensable. These cushions come in various shapes and sizes but the round one is perhaps the most in demand.

Rubber sponges, toilet brushes and sponge brushes all are delightful conveniences in the bath and valuable additions to the toilet set. These articles are perfect aids to a clean, clear, healthy skin. Brisk rubbing with them gives an invigorating massage, and starts a healthy circulation. As these rubber articles can be sterilized in boiling water, they are perfectly sanitary.

The housewife who wishes to keep her hands white and smooth may do so by wearing rubber gloves when scrubbing, cleaning, dusting, preparing vegetables, cleaning poultry and so forth. The main precaution to take in buying these gloves is to see that they are

forehead. For some headaches the bottles filled with cold water are found more efficient.

For toothaches, earaches and neuralgia pains we use water as hot as it can be borne in the bottles. For backache we place the bottle at the small of the back, and for a cold on the lungs we go to bed and put the bottle between the shoulder blades. A second bottle placed on the chest also is good, but the one on the back does the best work.

If baby has the colic, let him lie on the bottle half filled with rather warm water, with warm cloths on his stomach. The hot water bottle is fine when one is cold and chilly at night. Filled with ice cold water it is unexcelled for fever. The bottles usually are made of rubber and can be tucked in under the neck, or used as a pillow, and will not cause any discomfort. Get the hot water bottle habit and you will save lots of suffering and perhaps doctor bills.

Mrs. B. J. Schmidt.

Barton Co., Kansas.

Helped in Fighting the Flu

We could scarcely keep house without a hot water bottle. We find it very

ing to be the leader in bringing this to pass. Slowly the human race is fighting its way upward. We are marching toward a divine goal and love alone remains the golden chain which binds together past, present and future. Love, founded on the truth of God and the brotherhood of man, is the only force that will solve the great problems that confront us as a nation.

"Next to the church the Grange is an important factor in establishing this high class of citizenship which will lead to the universal brotherhood of man. To do this every member must have more than a keyhole vision of the Grange. Instead of opening the door and getting a broad vision of it, so many members look only thru the keyhole, and they do not all see the same thing. Many see only insurance; quite a goodly number see cheaper flour, shorts or brooms; some see oyster suppers and ice cream socials; others see grain elevators and mills. These things are all right, and I am glad that they are part of the Grange activities, but may the day hasten when all the members will open wide the door, and see the wonderful possibilities of the Grange as an educational factor in developing a higher class of citizenship in our nation. Emerson said, 'The greatest enterprise in the world is the upbuilding of man.' The Grange should be busy developing a better manhood and womanhood in the world."

FARM HOME NEWS

MRS. DORA L. THOMPSON
Jefferson County

It will not be a question of who has the mitten in one farm household where the mother of several school children manufactured several pairs. She used materials that would have been of little use for other things. As a result she had the pleasure that comes to the one who feels she has created something from nothing. It was a pair of mittens purchased in town that first gave her the idea of making several pairs. The pair bought appeared to have been cut from the same material as is used in the making of children's stockings. Laying the new mitten on a stocking top from which a goodly portion of the foot had disappeared, the mother cut around it, allowing for a seam. The result was so satisfactory that she cut a mate for it and so the first pair was made. The secret of a good mitten is to have a soft, warm interior and a wind excluding exterior. Materials found for interiors were parts of woolen sweaters, woolen blankets, bearskin coats, eiderdown shoes and caps, heavy tennis flannel, woolen underwear, cotton fleece-lined underwear and even cuttings from bathrobe blankets. The wind excluding exteriors were heavy denim from backs of trouser legs, canvas, feather-ticking, soft felt hat crowns, closely woven serge, cotton flannel and other scraps that happened to be handy. The coverings for some came from the good portions of a discarded coat. The idea grew as she worked and seizing a pair of new, cotton flannel men's mittens, she carefully ripped it open for a pattern. This was laid on the bottom of worn baby slippers, on remnants of cotton flannel, bed ticking, and canvas. The pairs of mittens that were the equal of the 25-cent pair purchased, make excellent covers for gloves and serve well in driving.

We have nothing but words of praise for the foresight of the woman who purchased several pairs of men's white cotton gloves. One pair she kept for personal use on wash day. The others she handed out one Monday after another to her husband as she gave him the pleasure of hanging out the clothes. Probably the hardest part of washing on a cold day is the hanging of the clothes when the hands are tender from being in hot water. Clean, white gloves are a great help in saving one's fingers. So are heated clothes pins. The use of both requires only a little foresight and planning. One good planner washes her clothes in the afternoon, and lays the white clothes in order straight and ready for hanging out. The colored clothes are similarly arranged unless there is a piece that will stain others. The clothes are hung out the next morning and have all the day in which

to dry. Some might not find it an easy matter to have many wet clothes around the house. This woman has a bench in a washroom that serves the purpose of holding the clothes and is out of the way. She says that the advantages of her scheme are that she works in the warmest part of the day at the washing; she does not have to leave the last washed ones out over night, and she hangs them all out when her hands are dry.

A little government publication that comes each week is called the Weekly News Letter. It is published by the United States Department of Agriculture and is sent free. It deals with a variety of subjects, many of which apply to our own section. The suggestion was made in a recent issue that molasses be substituted for sugar in the curing of pork and beef. It may be placed in either the brine cure or the dry cure. So far this season we have not been able to get the brown sugar used in meat curing. White sugar has not been so scarce as it is in some localities, nor so expensive. We have read grocery ads in Wisconsin papers quoting sugar at 2 pounds for 35 cents. Here, we purchase 100 pounds for \$12.50 or we may exchange 6 bushels of potatoes for 100 pounds. In this exchange, we fare better than we did several years ago when we were obliged to exchange 10 bushels for 100 pounds of sugar.

When stormy weather or bad roads keep the children home from school we are obliged to see that they are busy with tasks of some sort. As a variation from school work and home tasks, we try various games or contests. The latest is a rhyming contest. Each youngster repeats a mother goose rhyme or a stanza from some poem learned. When he can think of none different from what has been given he is out of the game. The agreeable part of this is the eagerness with which the children try to learn new poems and the pleasure the smallest ones take in keeping up their part.

Rompers for Little Folks

9507—Ladies' Waist. A waist that wraps about the figure and buttons at the back is very popular just now. The sleeves are long and may be finished with the funnel-like cuffs. Sizes 36, 38, 40 and 42 inches bust measure.

9461—Child's Rompers. The sleeves



and waist section are cut in one with the closing at the back. Sizes 1, 2 and 4 years.

9459—Misses' or Small Women's Bungalow Apron. This is a sensible cover-all apron. It has short kimono sleeves and can be slipped over the head. Sizes 14, 16, 18 and 20 years.

These patterns may be ordered from the Pattern Department of the Kansas Farmer and Mail and Breeze, Topeka, Kan. Price 12 cents each. State size and number of pattern.

Karo



Make Your Christmas Candy at Home with Karo

THE variety of wholesome candies so easily made at home with Karo syrup gives a really intelligent solution of the Christmas candy problems.

Its lots of fun for the children themselves to make it and Karo always insures success.

Christmas candies cost more than ever this year. Karo candies are as good as can be bought and at a fraction of the cost of good store candy.

The Most Delicious Caramels You Ever Tasted

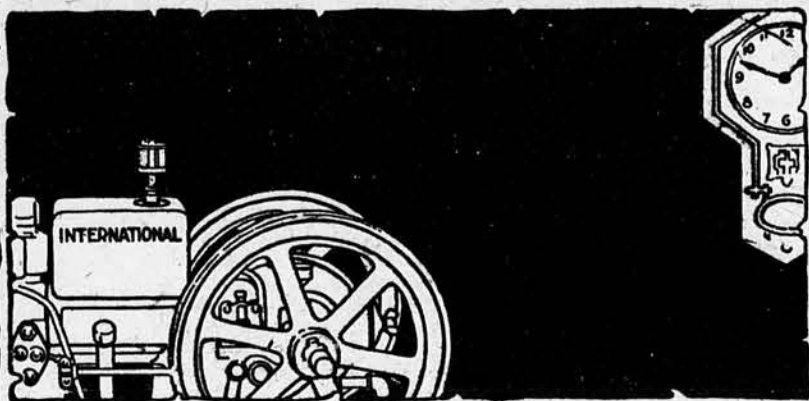
KARO CARAMELS

1 cup Granulated Sugar	1/4 cup Vinegar
1 cup Karo	2 tablespoons Mazola
1/4 cup Water	1 teaspoon Vanilla

Boil the sugar, Karo, water and vinegar six minutes, and add the Mazola. Cook till it forms a soft ball in cold water. Remove from fire, and stir in the vanilla. If preferred, one-half cup of candied cherries, cut in halves, may be added. After heating thoroughly, turn into tins well oiled with Mazola. Mark in squares when cool, and cut when cold. Wrap each cube in waxed paper.

FREE Beautifully illustrated Corn Products Cook Book of 64 pages containing more than a hundred valuable recipes for candies of all kinds, cakes and pastry of every variety, sauces, and salad dressings. All recipes originated by leading professional cooks and endorsed by Domestic Science Experts. Every housewife should possess a copy of this book—sent free. **WRITE TODAY.** Corn Products Refining Co., Dept. 45, P. O. Box 161, New York City.





How You Dread Wash Day!

WE are talking to you, Mrs. Farmer. And we want to help you. You have the meals to get for the men folks on wash day the same as every other day—and there are the children to be looked after as usual, as well as your regular housework and chores. Even without these added tasks, the family wash is usually enough to break any woman's back and to wear her out generally. Working in the fields and around farm machinery makes dirty clothes—as you well know.

An International Kerosene Engine—1½-h. p. size—will take the hard work and backache out of the family wash for you as well as removing all of the dirt just as efficiently as you could do it yourself. You need a power washer and one of these little engines just as much as your husband needs a mower or grain binder. He doesn't cut the hay and grain with a sickle or scythe—modern machinery has taken the hard work and backache out of these tasks for him. So you are certainly entitled to an engine and power washer to do as much for you.

And between times the engine will churn the butter, turn the cream separator, shell corn for the chickens, turn the grindstone, pump water, saw wood and handle other chores, saving work for the whole family. Write for a descriptive catalogue so that you can show your husband just the engine you want. There are three sizes—1½, 3, and 6-h. p.

INTERNATIONAL HARVESTER COMPANY

CHICAGO

OF AMERICA INC.

USA

Breakfast Delight Coffee

THE BEST YOU CAN BUY AT ANY PRICE—AT ALL GROCERS

Distributed by the SYMNS GROCER CO., Wholesale
Located at Atchison, Kan.; Topeka, Kan.; Concordia, Kan.



Stove Prices Hit the Toboggan

Yes, sir, stove prices drop when you get my catalog. You'll easily save 25 to 40 per cent dealing direct with my factories.

Write for this Book

quoting my money-saving offer on Kalamazoo heaters, ranges, gas and oil stoves, kitchen cabinets and tables, phonographs, cream separators, etc.—cash or easy payments. Unconditional guarantee. We pay the freight.

Ask for Catalog No. 343

"The Old Stove Master"
KALAMAZOO STOVE CO.
Manufacturers
KALAMAZOO MICHIGAN

"A Kalamazoo Direct to You"
Trade Mark Registered

10 Patriotic Cards 10c We will send 10 lovely colored post cards postpaid for 10 cents in stamps or silver.
NOVELTY HOUSE, Dept. 20, Topeka, Kan.



Pendergast Fence Book

Just off the press—a complete treatise on selecting, buying and erecting wire fence. Sent free upon request.

We sell full gauge heavy galvanized fence and barbed wire direct from factory at first cost. Why pay more?

United Fence Company

OF STILLWATER
339 Main St., Stillwater, Minn.
285 Front St., Fort Madison, Ia.



NATIONAL Hollow TILE Last FOREVER SILOS

Cheap to Install. Free from Trouble. Buy Now Erect Early NO Blowing in Blowing Down Freezing

Steel Reinforcement every course of Tile. Write today for prices. Good territory open for live agents.

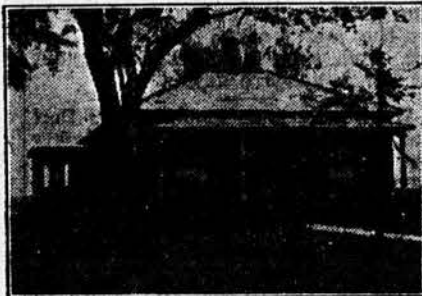
NATIONAL TILE SILO CO.
305A R. A. Long Bldg., KANSAS CITY, MO.

FACE POWDER A box containing a generous supply of high grade face powder sent free and postpaid to all who send us only 10 cents for a 3-months' subscription to the Household, a magazine of from 20 to 32 pages monthly, containing stories, fashions, fancy work and recipes.
The Household, Dept. F.F.A., Topeka, Kan.

Said Believes in Comfort

Modern Conveniences Bring Happiness to This Home

BY MRS. IDA MIGLIARIO



Home of the Said Family

THE FARM HOME of C. A. Said of Garnett, Kan., proves that it isn't necessary to live in town to enjoy modern conveniences. One of the things that one notices upon visiting the home for the first time is the cement walks leading to the house from each of the farm buildings. Mrs. Said thinks the walk from the barn to the house saves her the most work, but she would not part with any of them.

Near the kitchen door stands the windmill which pumps water into a large tank. This tank supplies running water for household use. It is placed on top of what seems at first to be just a 10 or 12-foot foundation but is in reality the farm laundry. There is a power driven washing machine and cream separator in this room as well as all the other laundry equipment and supplies. Mrs. Said does not know how she ever did her washing by hand and wonders how the family stood the steaming hot rooms on wash day.

An addition was built to the Said home this fall. A screened-in porch now opens off the kitchen, half of which is planned to accommodate a kitchen work table and an oil stove, so Mrs. Said can prepare her meals on the porch during the summer. The other half of this part of the porch is to be used for a summer dining room and the family are looking ahead with much pleasure to the time when they can eat their meals out there. Mrs. Said already has made her plans for attractive flower boxes to be placed on the porch.

Next to the summer dining room has been built a small room the outside half of which is to be used as a place in which to keep hunting coats, rubber boots, overshoes, winter coats, and so on. The half next to the house is the refrigerator room. A good-sized refrigerator stands in this space and makes an excellent place for keeping foods in winter as well as in summer.

Mrs. Said has a fireless cooker which she counts as one of the finest labor saving devices. She says she can go to her community club; to town to shop; or to the creek to swim with her four little sons and stay just as long as she wishes. She knows that when she returns the evening meal will be ready to serve for she always leaves it cooking in her fireless cooker.

A good-sized bathroom has been added just off the back bedroom and equipment for the room such as we see in the city home is waiting to be installed as soon as plumbers can be secured. Another door in the bedroom leads to a sleeping porch with windows

for use in winter and frames for screens for the hot nights in summer.

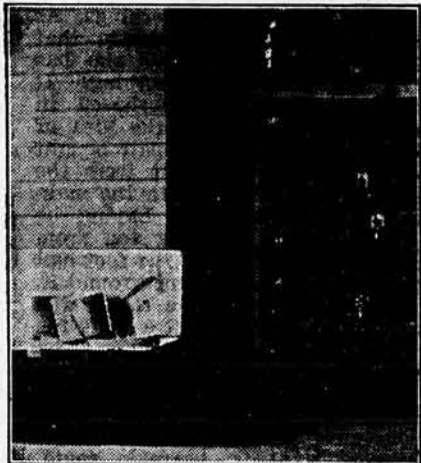
As one passes from Mrs. Said's new porch thru her kitchen and into her dining room and her living room she is impressed with the color scheme in both the finishing and furnishing of the two rooms. Wall paper, rugs, and window drapes are all of the tans and browns with small conventional designs. The furniture harmonizes with the finish of the room not only in color but in design.

Good pictures, good books and good music have a prominent place in this home, especially good music. The records of the world's greatest artists are played on the phonograph. And there are records to fit the need and the understanding of every member of the family as nearly as possible. Even the 4-year-old son has his records of nursery rhymes sung by one of the leading sopranos. A piano gives the opportunity for the family to enjoy music played by relatives and friends.

This cozy little home with its merry family is a living example of the fact that the truest happiness is that found in the home that provides for the pleasures of every member of the family.

Old Toys Remodeled

This is the way I economize at Christmas time. I gather up all the children's toys about three weeks before Christmas to send to Santa land. The children always are glad to do this, knowing that Santa will return

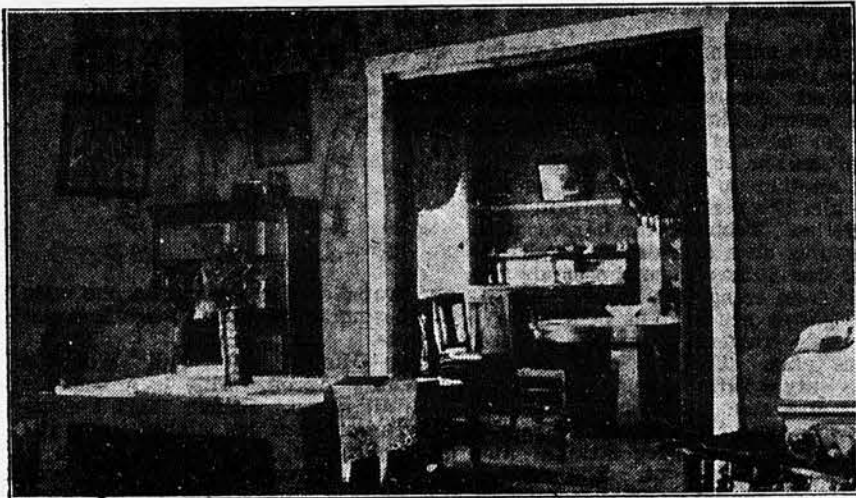


The Refrigerator and Fireless

them in perfect condition with a new wig or pretty clothes or whatever is needed. I hide them away in a large box until I have a spare afternoon then carefully overhaul them. When Teddy gets his Indian suit, doggie a red cap and boots, monkey a new long tail in a new color, and dollie a pretty new dress, you may be sure the children are as glad to get the old toys as they are new ones. Of course, we get new toys for them every year, too.

Mrs. S. J. Perry.

A small room can't stand more than one heavy piece of furniture.



Interior of the Said Home Showing the Cozy Living Room and Back of It the Comfortable Dining Room.

Health in the Family

Avoid Holiday Intoxication in Food and Drink

BY DR. CHARLES H. LERRIGO



IN EVERY issue of the Kansas Farmer and Mail and Breeze our readers are invited to avail themselves of the services of Dr. Lerrigo thru the columns of his department. No charge is made for this, but when a personal answer is desired postage should be enclosed for reply to each inquiry.

Dangers of Gluttony

When a man starts out to make merry, to celebrate a holiday, to rejoice over a new-born child, to welcome a stroke of good fortune, he turns to his stomach and says, "What'll you have?" This is nothing new. It is a practice that has come down to us thru the ages. I suppose it will continue. And I suppose, too, that the stomach will continue its old trick of choosing the particularly indigestible tit-bit that common sense has put a ban upon. Frankly, I have very little sympathy with persons who insist upon counting Christmas or other holiday seasons as the signal for becoming vulgarly intoxicated upon roast turkey, pork spare-ribs, mutton chops, tenderloin, onions, sage, celery, cranberry sauce, mince pie, plum pudding, and sweets of all descriptions.

A Sad Case

Intoxicated? Yes, I said intoxicated, and the word fits exactly. I remember one very cold Christmas night, after I had enjoyed the day in a way peculiar to the medical profession—it is very fitting that babies should be born on Christmas day and someone always plans it so—I had just settled comfortably in bed when my telephone directed me to journey some 4 miles to see a man who was dying. It was in the days before automobiles helped the doctor to make and spend money with such speed, so I was obliged to hitch up a tired horse. Half an hour later I was relieving the responsible head of a family of such a load as might well make one wonder if anyone else in the home had managed to get anything. This man was an earnest prohibitionist who never drank ardent liquors. Yet he was in a state of brutal intoxication, and if he had been obliged to pass his load thru the entire length of the regulation channels before getting rid of it he would have sunk into deeper intoxication every moment.

I feel peeved even now when I think of the way my poor tired horse had to go to the rescue of that debauchee, after a hard day of real work. Of course I know very well that none of my thoughtful readers would be guilty of such conduct, but a little advice is never amiss.

In enjoying a holiday festival let the festivity center in quality rather than quantity. Get up as nice a feast as your pocketbook permits but bear in mind that things that are indigestible on Saturday are equally so on Sunday. Remember also the fact that the governor of your state has issued a proclamation calling upon you to rejoice does not double the capacity of your rejoicing apparatus. If you overcrowd it you will become intoxicated.

You know of course, that to be intoxicated means to be poisoned. When you load up with so much food that your stomach and intestinal tract cannot digest it you are starting a toxemia. Sometimes the stomach rebels very sharply, causing severe pain. This is usually a very good thing because it results in the stomach being unloaded by vomiting and thus saves the intestinal tract a lot of hard work.

If one of your neighbors, who has

not had the benefit of this advice, should gorge to intoxication and call upon you for help, it is likely that the first thing to try would be the induction of vomiting. Drinking warm water will usually do this, not merely a cupful, but cupful after cupful until you get results. A teaspoonful of mustard flour in the water is more efficient or, if you haven't the mustard, salt will do.

If the condition has got past the stomach and the trouble is in the bowels an ounce of castor oil is the best remedy. You must be quite sure that your indigestion is not appendicitis, or volvulus, because in these it does not do to give castor oil or any other purge. The oil will be very much helped by the administration of a rectal enema of warm water or soap suds.

When Children Eat Candy

It is quite likely that stomach and bowels will be intolerant of all food for a day or two after such an attack. In such case your neighbor will simply abstain from food and give himself a chance to catch up with his grocery bills, but he will find that drinking large quantities of clear water will help his intoxicated organs.

In many families in which good sense and decency govern the table, there is undue latitude about letting the children eat sweets. This is especially true at Christmas. Every one in the family gets a bag of candy at the Christmas tree. Father brings some home from town with him. Aunt Jenny sends in a lot of her home made chocolate. Sister Mary makes a lot of fudge, and there is candy on display in every room of the house. "Oh well, Christmas comes but once a year," you say. And anyway brother Bill has read where Doctor Verywise has discovered that the desire for candy is a natural craving which should not be discouraged. And so it goes. The next thing you know you are paying for two or three visits from the doctor and thus contributing your mite to the support of a noble profession.

Do I object to candy? Not at all. I like it. I give it to my children in moderate degree. What I object to is the idea that because you are celebrating a holiday your stomach and the stomachs of your children will work overtime to take care of your dissipation. Nothing of the kind. If you wish to celebrate holiday seasons without becoming intoxicated, you will bear in mind that there is no power authorized to grant you special dispensation for excesses, and that such extra cheer as you give to your digestive tract must be in quality rather than quantity.

To Relieve Constipation

My baby, 15 months old, has been raised on the bottle and still lives on it. She is quite constipated and a tablespoonful of castor oil scarcely helps her. What can I do for her? D. E. B.

Now that the hot weather is past you can give a 15 months old baby a more liberal diet. In addition to the cereal she may have some bread or zwieback. She may have chicken or mutton broth but no meat. You may give her gelatin, cornstarch pudding, custard, apple sauce well cooked, and in another month or two, she may have a little potato, preferably baked potato. These things will help to overcome the constipation. You should break her of the bottle habit and teach her to drink from a cup. Never give castor oil for constipation. Its primary effect is laxative, but its secondary is to increase the constipation. See that the baby gets plenty of water to drink.

Where substitution "doesn't go"

THERE IS no necessity or room for argument with any one who comes into a store and makes the statement that a Charter Oak Stove or Range is wanted.

Charter Oak's are recommended to each succeeding generation by grand-mothers and mothers, and this fact creates a demand which cannot be diverted and which accounts for their ever increasing sale.

Only genuine merit can maintain, as the Charter Oak has, for seventy-one years, the popularity and prestige it has today.

For Coal, Wood or Gas
Or Combination Of All



3,500 Dealers in United
States—135 Dealers in
St. Louis—Sell Them.

If your dealer tries to talk you into buying another kind, write to us.

CHARTER OAK STOVE & RANGE CO., St. Louis, Mo.

We Also Make Warm-Air Furnaces



Highest Market Prices Always Paid for Furs, Tallow, Wool and HIDES

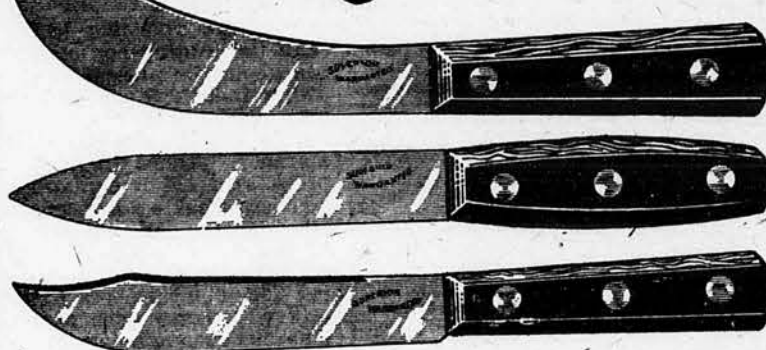
Green Salt Cured Hides, No. 1, 25c. Horse Hides, No. 1, \$8.50 to \$11.00
No. 2, 24c. No. 2, \$7.50 to \$10.00

Prompt payment and satisfaction assured. Send for shipping tags and price list.

Topeka Hide Co., Burton Hill Mgr.,
Foot of Jefferson St., Phone 361 Topeka, Kansas

Butchering Set

SKINNING KNIFE
STICKING KNIFE
BUTCHER KNIFE



Get This Fine Set Before Supply Is Exhausted

Butchering time is looked upon as a day of drudgery by most farmers. Yet this need not be. With such knives as we offer in this 3-piece butchering set, most of the drudgery may be eliminated. If you intend to butcher it is absolutely necessary that you have one extra good quality 6-inch steel sticking knife, one 6-inch skinning knife and one 6-inch butcher knife, such as we illustrate and describe herewith. The knives are all with 6-inch blades, highly tempered, carefully ground and highly polished. Beech or maple handles. The sticking knife has double razor edge. The set is shipped in a neat carton with charges prepaid.

Special 20-Day Offer Premium Number 500

By placing our order for ten thousand sets of these knives before war time prices were put into effect, we were able to purchase them at an extremely low price and are now able to offer you the set postpaid with a one-year subscription to Kansas Farmer and Mail and Breeze for only \$1.25 or with a 3-year subscription for only \$2.25.

KANSAS FARMER AND MAIL AND BREEZE, Topeka, Kansas.

Enclosed find \$..... for which send me Kansas Farmer and Mail and Breeze for the term of years and send me the butcher set postpaid.

Name

Address



Summertime Water ZERO WEATHER

Freezing water for your stock costs feed and makes for slower gains in flesh. With the

MACO Heater-Tank

you can water 100 head of stock with temperate water at a cost of not more than six cents a day. Heats water as animals drink.

The Maco Heater-Tank is entirely automatic and can be connected with any cistern or storage tank. Works satisfactorily under any pressure.

Satisfaction Guaranteed

Burns kerosene. Refill burner once a week. No other attention required.

Write at once for my booklet describing the Maco, a wonderful heater-tank at a reasonable cost.

Farmer Agents Wanted

E. W. MAXWELL
Cleburne, Kansas

THE FARMERS ROBE TANNING CO.

We'll give you the utmost value for your money in tanning and manufacturing hides into coats, robes, caps, mittens, etc. Your hides are more valuable to you if you have them made into comfortable wearing apparel than in any other way. You need warm clothing and you can get it at a saving of from 30% to 50% by using the hides of animals on loan or kill during the winter.

Send for Our FREE CATALOG which gives information in regard to making coats, robes, mittens, caps, sets, etc., and instructions about shipping and caring for hides. It is yours for the asking. Send for it TODAY.

All Work Guaranteed and Done Promptly.
FARMERS ROBE TANNING CO.
34 South First St., Marshalltown, Iowa

A GOOD SPREADER FOR LESS

Surplus stock and special large discount makes exceedingly LOW PRICES. Limited time. Write today for FREE catalog and prices.

**KEMP-CLIMAX
SPREADER**
is a 70-bushel, light weight, light draft, low down, two-horse spreader. Simple construction. Spreads all manure or commercial fertilizer.
W. W. COATES CO.
21st and Main Sts. Kansas City, Mo.



Be An Expert In Autos and Tractors

Earn \$90 to \$300 a month or start a business of your own. We fit you in 6 to 8 weeks by practical experience with tools on modern automobiles and tractors. Satisfaction guaranteed. Diplomas given. First and largest mechanical school in the Southwest. Illustrated book "The Way To a Better Job" explains everything. Write for free copy.

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

Panama Canal Book 10c

A story of the building of this great canal; 36 pages; profusely illustrated; will be sent postpaid for 10 cents, stamps or silver. Novelty House, Dept. 2, Topeka, Kan.

Capper Pig Club News

Here's a "Merry Christmas" for Club Friends

BY EARLE H. WHITMAN
Club Manager

DOESN'T seem possible Christmas time is almost here once more, does it? Looking back over the year, haven't we had some mighty fine times together in Capper club work? I certainly take a great deal of pleasure in recollecting the hundreds of interesting letters I have had from club members; the picnics I have attended; the big pep meeting last September; and all the other enjoyable events of the year. Best of all are the friendships formed with the fine, likable chaps who make up our club membership. Business training, profits and experience are all well worth considering in club work, but it seems to me



A Handy Lunch Counter.

nothing is quite so lasting and valuable as the friends we gain. I like to think that all over Kansas are boys and their parents whom I can consider my friends.

So I wish it were possible for me to step into the home of every Capper Pig club member Christmas morning, with a "Merry Christmas and a Happy New Year!" It isn't possible to do that in person, of course, but you'll receive a little surprise that I hope will please you and will make you remember that club folks here in Topeka are wishing you the very best of everything. And to one Kansas boy Christmas is going to mean more than ever before, for we hope to be able to decide who is the winner of the pep trophy by Christmas Day. Won't there be something doing in the county to which the telegram goes, bearing the good news?

Wouldn't you like to have a talk with the leading hog breeders of Kansas about the present condition of the swine industry? Would they advise you to stay with the game, or to get out because of the decline in the hog market? Would they consider prospects favorable or unfavorable for club members making a profit from next year's work? Would their methods of feeding be of value to you?

Of course, it isn't possible for Capper Pig club members to get out and talk with many such breeders, so the club manager is doing it for you. Kansas breeders always have been more than willing to co-operate with boys trying to make good in the swine business, so I felt sure they would be glad to give you some helpful advice now. In the Kansas Farmer and Mail and Breeze for December 27 you will find

a story giving you the results of the club manager's visit with breeders from every part of the state, and unless I'm mistaken not a club member will fail to read every word. There probably will be a page devoted to this story. Be on the watch for it. And I shouldn't be at all surprised if "dad" would be just as much interested in reading the story as you will be, for it won't be just for boys but will be a business story of value to every Kansas farmer.

The picture this time looks as if it might have been sent in by a calf club member, but it wasn't. "This is one of my pigs trying to cut down the high cost of living," says W. A. Andrew of Johnson county. "My uncle was visiting me last summer and when he saw the pig milking the cow he said anything that would do that was a full-grown hog, not a pig. This cow is a 2-year-old Jersey with her first calf, and she seems to think as much of the porker as of her own calf." We'll agree with Mr. Andrew that he has "some" pig. Wonder how he is going to figure out the value of the milk the pig got at his unusual lunch counter.

Speaking of calf clubs, I wonder how many Capper Pig club members are interested in the Capper Calf club which Arthur Capper is planning to start in January. Both boys and girls will be admitted as members, and money will be lent to use in purchasing calves. I have had many inquiries about the new club, and I'm sure Kansas boys and girls will read with interest the announcement and rules when they appear in the Kansas Farmer and Mail and Breeze early next month.

Down in Coffey county is a boy who has been in the Capper Pig club two years and has made a fine showing, but has had little luck in getting teammates. John Roth says that next year he is going to make a real "drive" on the boys in his county. "I've sold \$204 worth of hogs this week," writes John. "The seven I sold averaged 65 pounds apiece, and the two I have left will average about the same. My old sow won't weigh more than 300 pounds because I haven't been trying to fatten her as I plan to breed her for a spring litter."

Very soon now boys in some Kansas counties are going to be wondering why they didn't show a little pep at the right time. Several counties are filling up fast, and I hope soon to give the lineup for the coming contest. Potawatomi has seven members, Shawnee six, and Wallace seven, while Jefferson, Johnson, Osage and Republic are following close behind. The application coupon will appear with the poultry club story next week, so why not clip it out and send it in now while it's handy. Remember, about \$500 in prizes will be given next December to the boys who had pep and ambition enough to get into the game while they had the opportunity.

Capper Pig and Poultry Clubs

Capper Building, Topeka, Kan.

Earle H. Whitman, Club Manager; Bertha G. Schmidt, Secretary. Send Pig Club applications to Mr. Whitman; Poultry Club to Miss Schmidt. I hereby make application for selection as one of the representatives

of.....county in the Capper

.....Club.

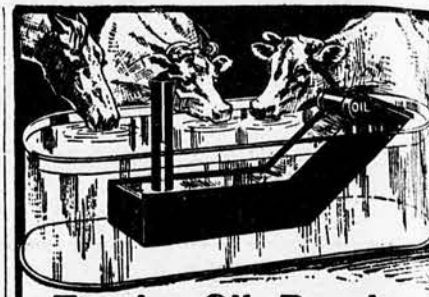
(Write pig or poultry club)
I will try to get the required recommendations, and if chosen as a representative of my county I will carefully follow all instructions concerning the club work and will comply with the contest rules. I promise to read articles concerning club work in the Kansas Farmer and Mail and Breeze and will make every effort to acquire information about care and feeding of my contest entry.

Signed Age

Approved Parent or Guardian

Postoffice R. F. D. Date

Age Limit: Boys, 12 to 18; Girls, 10 to 18.



Empire Oil-Burning Tank Heater

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

Empire Non-Freezable Hog Waterer

Made of heavy galvanized iron—large capacity (20 gal.); drinking trough on outside where hogs can reach it; oil burner directly under trough—guaranteed not to freeze. Keeps water warm for 2c per day. An abundance of fresh, clean water at right temperature. Keeps hogs healthy—fatten faster on the same feed.

FARMER AGENTS

Special offer to farmers willing to show our Heater and Waterer to prospective buyers. Write at once for price and special offer.



Empire Tank Heater Co.
103 N. 7th
Street
Washington
Iowa

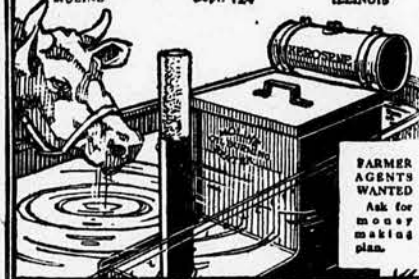
MOLINE BURNS KEROSENE

Cheapest, safest fuel. One gallon lasts 14 to 16 hours. Saves labor, save feed! Keep stock free from constipation; aid digestion; make them grow! Increase milk production this winter with healthful water.

Moline Tank Heater

Heavy, rust proof boiler iron. No stove under water. Fits any tank. Handy valve controls heat required. No sparks, smoke, dirt, cinders. Steady intense heat; no heat wasted. Cannot smother or blow out. Dependable in coldest weather. Feed and fuel saved pays for the "MOLINE" in record time. Lasts for many years. Write postal for FREE literature and price on Tank Heaters and Non-Freezing Hog Waterers today.

MOLINE TANK HEATER CO.
MOLINE, ILL. Dept. 124



BOOK ON DOG DISEASES And How to Feed

Mailed free to any address by the Author

H. CLAY GLOVER CO., Inc.,
118 West 31st Street, New York

American Fence

Full gauge wires; full weight; full length rolls. Superior quality galvanizing, proof against hardest weather conditions.

Special Book Sent Free. Dealers Everywhere.
AMERICAN STEEL AND WIRE CO.
CHICAGO NEW YORK

Keep Dirt and Filth Out of the Milk

by clipping the cow's flanks and udder every month. Then with a damp cloth wipe the parts off in a hurry. There is no long hair to hold the dirt and the milk is clean and wholesome as it falls into the pail. Clipping all over twice a year is good for the cows. A Stewart No. 1 Machine is best. It will clip horses also. Machine all complete only \$12.75 at your dealer's or send \$2 and pay balance on arrival.

CHICAGO FLEXIBLE SHAFT CO.,
Dept. A 121, 12th St. and Central Ave., Chicago, Ill.



FARMERS MAIL & BREEZE

ENGRAVING DEPARTMENT

CUTS OF YOUR LIVESTOCK FOR LETTERHEADS & SALE CATALOGS

Read

the classified
advertising
columns.
They may save
you many dollars.

Marketing of Fruit

BY J. W. LLOYD

Co-operative marketing makes it possible to gather together the products of many small growers and to ship these products to distant markets in straight carload lots. The grading and packing are supervised by the organization rather than by the individual producers. Thus a large volume of product packed in definite and uniform grades can be placed on the market.

Under present market conditions, a standardized product that can be offered in large volume sells much more readily and at better prices than miscellaneous lots packed according to various individual standards; and furthermore the standardized product is much more satisfactory to the consuming public.

In a growers' co-operative marketing organization, every grower receives the full benefit of the advantage derived from large-scale operations and favorable trade connections made possible by the organization. The individual grower is protected against unusual losses due to low sales on any particular car; for in a co-operative marketing organization a grower receives the same price for the same grade of goods shipped during a given period, regardless of whether the product he furnished happened to be in a car that was shipped to an especially favorable or less favorable market, or whether some accident befell a given car. A member of such an organization is also protected from exploitation by unscrupulous dealers and is sure of an outlet for his crop. He is not constrained to accept an offer for fear he will not receive another, or to consign his goods to an uncertain market as may become necessary when an individual is acting alone.

Co-operative marketing has been practiced successfully in both Europe and America for a number of years. The eggs, butter and bacon exported from Holland and Denmark have been handled largely by co-operative organization composed of the farmers who kept the hens, milked the cows, and raised the pigs. These organizations made it possible for the owner of a dozen hens or one cow or one pig to market his product to as good an advantage as if his output had been a hundred times as great.

State Flowers

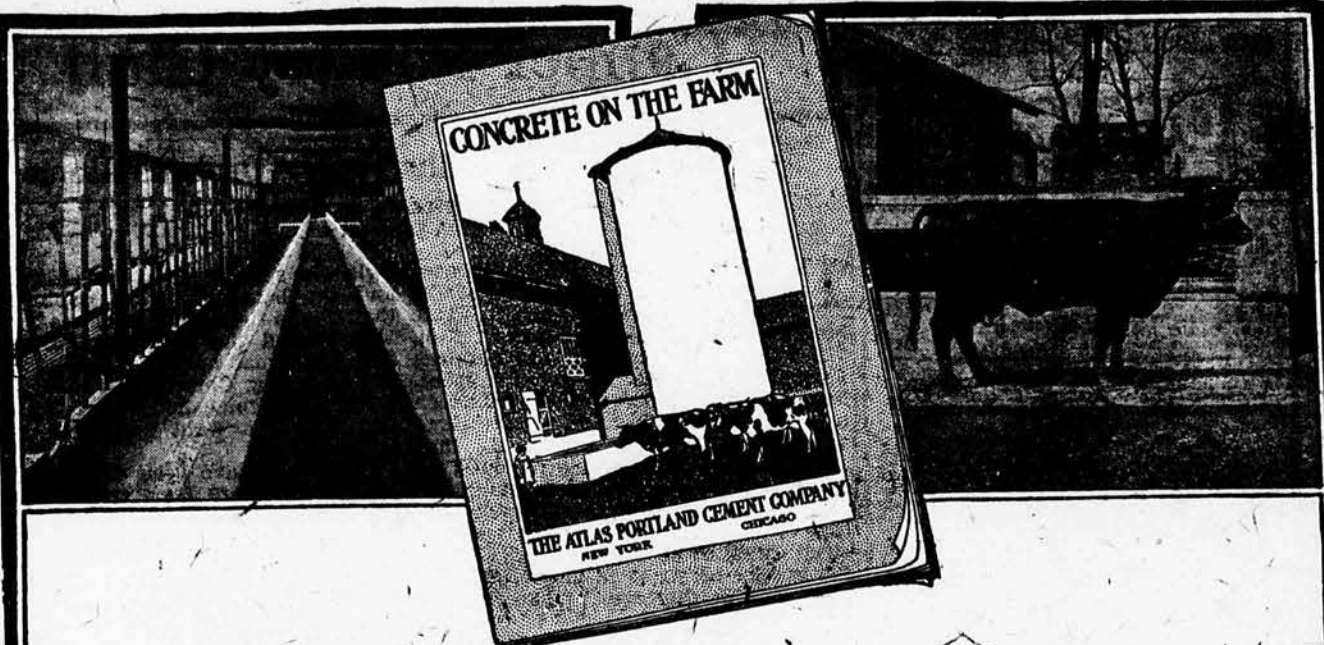
Nearly all the states have adopted an official flower, says the American Forestry Association of Washington, D. C., and in others the question is up for discussion. The flowers by states follow:

Arizona, Giant Cactus.
Arkansas, Apple Blossom.
California, Golden Poppy.
Colorado, Blue Columbine.
Connecticut, Mountain Laurel.
Delaware, Peach Blossom.
Florida, Orange Blossom.
Georgia, Cherokee Rose.
Idaho, Syringa.
Illinois, Violet.
Indiana, Carnation.
Iowa, Wild Rose.
Kansas, Sunflower.
Kentucky, Trumpet Vine.
Louisiana, Magnolia.
Maine, Pine Cone and Tassel.
Massachusetts, Mayflower.
Michigan, Apple Blossom.
Montana, Bitter Root.
Nebraska, Goldenrod.
Nevada, Sage Brush.
New Mexico, Cactus.
New York, Rose.
North Carolina, Daisy.
North Dakota, Wild Prairie Rose.
Ohio, Scarlet Carnation.
Oklahoma, Mistletoe.
Oregon, Oregon Grape.
Rhode Island, Violet.
South Dakota, Pasque Flower.
Texas, Blue Bonnet.
Utah, Sego Lily.
Washington, Rhododendron.
Wyoming, Indian Paint Brush.
West Virginia, Indian Paint Brush.
Wisconsin, Violet.

Advertisements Guaranteed

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

A thread of Law runs thru a prayer
Stronger than iron cables are.
And Love and Longing towards its goal
Are pilots sweet to guide the soul.

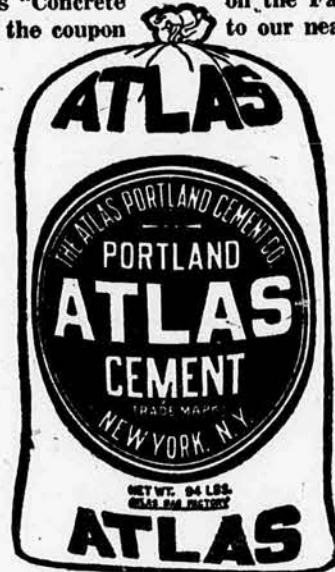


Build with Concrete

Atlas Cement offers a wide range of opportunities for farm improvement, increased production and economical upkeep, and the building of everything from small concrete construction to the largest barn is fully described in our books "Concrete on the Farm" and "Concrete on the Farm in Cold Weather." Fill out and send the coupon to our nearest office.

Keep Stock Contented

It is an established fact that contented cows thrive better and give more and richer milk. Contentment comes with better and more sanitary housing conditions. A concrete dairy barn is easily kept clean, is warm in winter, cool in summer and its first cost is the last cost—no upkeep; no repairs.



Keep Them Healthy

Give them clean, cool water from a sanitary concrete trough. Such a trough is permanent, is easily cleaned and needs no repairs. It helps to assure healthier cows, cleaner milk and greater profits. You can easily build your own with spare-time farm labor.

"The Standard by which all other makes are measured"

The Atlas Portland Cement Company

NEW YORK Boston Philadelphia Savannah Dayton Minneapolis Des Moines St. Louis CHICAGO

The Atlas Portland Cement Company
(Address the Atlas Office nearest you)
Please send me a copy of "Concrete On the Farm" and "Concrete on the Farm in Cold Weather," without cost or obligation.

Name
Address

Get All the POWER

from your engine; cut out fuel waste; and reduce running expense by using VAPOR TIGHT PISTON RINGS. Their perfect design assures more power—less carbon—and no more leaking in cylinders. Only 2 V T Rings needed to each piston. Order from our Factory and SAVE Dealer's profit.

In ordering give cylinder diameter and width and depth of cylinders. If further information is wanted write for our Illustrated Descriptive Circular—comes FREE.

VAPOR TIGHT RING CO.,
Cedar and 28th Streets,
Dept. F Minneapolis, Minn.

FREE \$20 TENOR BANJO

Ukulele, Hawaiian Guitar, Violin, Mandolin, Ukulele, Guitar, Hawaiian Guitar, Cornet, Tenor Banjo or Banjo absolutely free. Very small charge for lessons only. We guarantee success or no charge. Complete outfit free. Write now. No obligation. SLINGERLAND SCHOOL OF MUSIC, Inc. Dept. 128 CHICAGO, ILL.

The Midnight Marriage

A fascinating tale of love and romance; thrilling scenes; startling climaxes. To quickly introduce our popular monthly magazine, the Household, containing from 20 to 32 pages of short stories, serials and special departments we will send this book free with a 3-months subscription to the Household at 10 cents. Address
The Household, Dept. MM.2, Topeka, Kan.

Gold Plated Flag Pin Free

Flag Pins are now being worn by all patriotic American Citizens. Get in line and show your patriotism by wearing one of our Gold Plated, enameled pins, which we send for only 10c to help pay advertising expenses. Jewelry House, 141 Eighth St., Topeka, Kan.

10 Patriotic Cards 10c We will send 10 lovely colored post cards postpaid for 10 cents in stamps or silver. NOVELTY HOUSE, Dept. 20, Topeka, Kan.

Make Bigger Profits

from Stock Raising—with less work

You'll do that when you have the best watering facilities for your stock. That means equipment that provides a supply of pure water always within easy reach, always at the right temperature—it means

Sanitary Non-Freezable STOCK WATERERS

Insist upon the OK if you want the best and most durable. They are substantially built of steel and will last a lifetime. There's a size and style to meet your requirements. Sold by good dealers. Catalog sent FREE upon request.

PHILLIP BERNARD COMPANY
2318 Floyd Ave. Sioux City, Iowa
Shipments made from Sioux City and Peoria, Ill.

Scene on the farm of Dr. E. F. Besser, Newton, Iowa.

**Progressive Poultry People
Are Raising Their Chickens
with the**

SURE HATCH INCUBATORS & BROODERS

You can raise more chickens and do it easier than with hens. Less work and greater profits. Sure Hatch incubators are time-tried and scientifically correct. Made of California redwood. Double walls, insulated. Copper hot water heating system. Automatic heat regulator. Roomy nursery with chick tray. Built in three sizes.



Send for FREE Book
SURE HATCH COLONY BROODER
best 'em all for raising chicks. Cast iron stove heated with coal. Pure fresh air and even heat. No crowding or smothering. Raise all your chicks. Let us tell you about our Sure Hatch System.
FREE Send for Sure Hatch Book. Tells all about profitable poultry raising.
SURE HATCH INCUBATOR CO.
Box 14 Fremont, Neb.

Get More Eggs; Save Feed

Egg prices are high and going sky-high—higher than ever before. Those who know how and what to feed to get the most eggs all winter and spring will reap big profits. Improper feeding methods will result in fewer eggs, wasted feed—loss and disappointment. Prof. T. E. Quisenberry, Director-in-Chief of the great American Egg Laying Contest, and officially recognized as one of the world's greatest poultry authorities, has just completed a 16-page bulletin on "How to Get More Eggs and Save Feed." He will mail this bulletin to readers of Farmers Mail and Breeze who will write him without delay. Send no money. Over a thousand hens under Quisenberry's direction laid from 200 to 304 eggs each per year. He just finished making a profit of \$6.15 per hen in nine months on commercial eggs from one large flock. Write him today for his free bulletin, addressing care of American Poultry School, Dept. 331, Kansas City, Mo.

Make Money Raising Poultry

Mail a postal for Johnson's free "Poultry-Know-How." Points the way for big profits with chickens, ducks, geese, turkeys.

WRITE TODAY

Makes big income in 1920. Simple as A-B-C on farm or city lot. Size of book, 9 x 12. 72 pages. Over 1,000 helpful hints. Get my offer on OLD TRUSTY incubators. Handy home use—low prices. Address—

M. M. Johnson Co.
Clay Center
Nebraska

Tell Me Your
Poultry Troubles



SOFT-HEAT

Greatest Incubator Discovery in 50 Years. Insures Strong, Healthy Chicks from every good egg. Iron-Clad Guarantee.

Porter Soft-Heat Tubeless Incubator combines hot air and water. Automatic control of heat, moisture and ventilation. Center heat plan, round nest, eggs turn semi-automatically without removing eggs—saves time and money. Simple, Safe, Sure, Express Prepaid.

Write for Big New Free Book.

PORTER INCUBATOR CO. Box 157 Blair, Nebraska

FREE FACTORY \$5

BEDDING BOOK—SAVES

Write this minute for price-slashing catalog "FEATHER FACTS AND BEDDING BARGAINS." sent FREE. Every page crammed with DIRECT FACTORY OFFERS underselling all middlemen. We sell C. O. D. and give ironclad MONEYBACK GUARANTEE backed by four banks. BEFORE you write elsewhere, SEND FOR THIS PURITY BOOK.

PURITY BEDDING COMPANY, 338 Sparkman St., NASHVILLE, TENN.

\$22.00 Sweep Feed **\$28.00** Galvanized
Grinder Steel Wind Mill.

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

CURRIE WIND MILL CO.,
610 E. Seventh Street, Topeka, Kansas.

Cowboy FREE Watch Fob

Unique Novelty, nifty leather holster and metal gun, fob genuine leather, worn by men, women, boys and girls. Sent free with a 3-months' subscription to Household Magazine at 12 cents. The Household is a family story magazine of from 20 to 32 pages monthly. Send stamps or coin.

HOUSEHOLD MAGAZINE, Dept. F. B., Topeka, Kansas

Capper Poultry Club

Girls Send a Treat to the Topeka Orphans' Home

BY BERTHA G. SCHMIDT
Club Secretary

I'M SENDING you a check to be used for a treat for the orphans of the Topeka Orphans' Home," wrote Mrs. Leonard Patton of Solomon, Kan. "If I knew the ages of the children I could tell you how I wanted it spent, but apples wouldn't do for children less than a year old. If they are large enough spend it for treats. If they are small let it be spent for milk or some article of clothing, anything except candy or cookies or something that is made of sugar. Candy made of sirup would be all right to send. While the supply of sugar is short, let's not increase the shortage. Whatever you send, let it go in the name of the Capper Poultry club girls of Dickinson county."

Mrs. Patton is the mother of Hazel Patton, leader of the Dickinson county girls. I thought it a lovely plan for her to send the treat for the 15 little orphans at the Topeka Orphans' Home. So I called on the superintendent of the Home and asked her what the children would like best.

"Crackers," she said, "fine, crispy crackers. Why not send a huge, wooden box of them? Nearly everyone sends candy as a treat and at Thanksgiving they always receive a supply of apples and oranges large enough to last quite awhile. The children all like crackers."

And so it was a great box of crackers that went out to the Orphans' Home, and besides these enough bananas to go around several times. I visited the Home with our photographer one noon just as the meal of delicious beef soup, creamy mashed potatoes, bread and butter and snowy white cottage cheese was being served.

Um, um! How those boys and girls do like crackers! And soup!

"I like potato soup best," spoke up little Leland Ledford. "The kind my mother used to make."

"Cottage cheese is good," another said.

"And mashed potatoes are fine," said still another.

"I'll tell you what I want for Christmas," said a little girl irrelevantly. "A doll and a doll buggy."

Then all of the children started to tell what they expected Santa to bring them. Pocket knives, roller skates, dolls and new clothes—all these were enumerated.

Just before the children sat down to the table they said this verse in concert:

To do to others as I would that they should do to me
Will make me honest, kind and good as children ought to be.

After that thanks were returned for the meal. And of course before I left, the little folks asked that I thank the lady and the club girls for the crackers and bananas.

"We'll have soup and crackers often now," said Mrs. Hill, who prepares the meals for the children.

And on Christmas Day when the children are playing with the things that Santa Claus brings. I know they'll think of the lady and the club

girls who sent them the box of crackers and the bananas. That reminds me that this is the last issue of the Kansas Farmer and the Mail and Breeze before Christmas and so I'm sending all of you Merry Christmas wishes. May Santa bring you exactly what you want and may you want exactly what he brings you.

Club girls have been asking me for some days where I am going to spend Christmas and so I'll tell all of you at the same time that I am planning to go to my home in Northeast Missouri to spend Christmas day with my mother.

I'm sure everyone is wishing to know the standing of the county clubs. Remember that this standing which I am giving you today is not final, for while it is now time for all annual reports and stories to be in, this standing was compiled early in order to be ready for this issue of the paper.

County	Leader	Points
1. Linn, Hazel Horton.....	8107	
2. Atchison, Lillian Brun.....	7489 1/2	
3. Johnson, Helen Andre.....	6090 1/2	
4. Crawford, Letha Emery.....	5361	
5. Coffey, Ruth Wheeler.....	4709	
6. Cloud, Laree Rolph.....	3450	
7. Dickinson, Hazel Patton.....	3226 1/2	
8. Rice, Marjorie Smith.....	3111 1/2	
9. Reno, Roena Love.....	2775	
10. Clay, Lenore Rosiska.....	2527	
11. Butler, Myrtle Dirks.....	1688 1/2	
12. Stafford, Naomi Moore.....	1507	
13. Douglas, Lillian Milburn.....	1035	
14. Shawnee, Gwendolyn White.....	781 1/2	
15. Rooks, Elma Evans.....	583 1/2	
16. Jackson, Vera Brown.....	547	
17. Republic, Agnes Neubauer.....	392 1/2	
18. Gove, Anna Cooper.....	341	
19. Ford, Wilma McKee.....	183 1/2	
20. Elk, Clara Schneider.....	178	
21. Greenwood, Anna Greenwood.....	174 1/2	
22. Osage, Edith Ingersoll.....	146	

All of the club girls are praising the fall catalog. Many of our friends are writing us about it also. Here is a letter from C. R. Baker of Abilene, Kan., who offered a breeders' prize in the present contest:

I thank you for remembering me with the poultry club catalog, and allow me to compliment you on the good taste used in getting up this piece of work. It is splendidly arranged and nicely illustrated, and should, and no doubt will, increase the interest of the boys and girls in this class of work.

Extracts from Letters

If you are planning to become a member of the Capper Poultry club fill out the application blank printed in another part of the paper and mail it at once. The following extracts from letters from club members will give you some idea of what the girls think of the club.

I am trying to get full membership in our county this year and I think I will get it, too. I know of about four girls already and I will ask them to send in their applications at once.—Gwendolyn White, Shawnee county.

Watch Leavenworth county. We're going to have a good club in 1920. I am planning to go back into the club. I have asked about all of the girls I know. A new girl has joined and she is very eager to get new members.—Beth Beckey, Leavenworth county.

My pullets which I bought for next year certainly are beautiful. They are the Dustin strain Wyandottes. I have sent for my cockerel also.—Agnes Neubauer, Republic county.

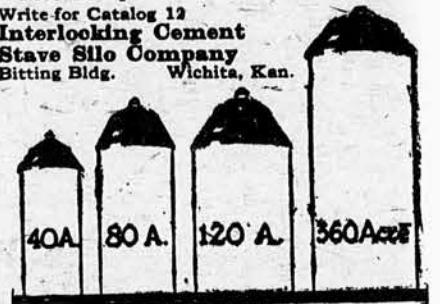
My chickens are doing fine. I raised 19 of the 20 Rhode Island Reds I entered in the baby chick department. I am proud of them even if they are not some fancy kind, because they are mine. I can always tell my largest cockerel from the rest as he is the only one with transparent feathers.—Dorothy Dirks, Butler county.

OUR SILO WILL FIT YOUR FARM

Let us help you figure the size silo you need. Our experience with thousands of silos on farms from 40 to 320 acres in Kansas, Oklahoma, Nebraska and the middle west will help you select the correct size for your farm. If you have a farm you must have cattle and if you have cattle—

You need a **LOCK JOINT CEMENT STAVE SILO**, and we are offering a big discount if you order now.

Write for Catalog 12
**Interlocking Cement
Stave Silo Company**
Bitting Bldg. Wichita, Kan.



DICKEY GLAZED TILE SILOS

"The Fruit Jar of the Field"
Order Your Silo Now. Pay Next Summer when Silo Arrives. Send for catalog No. 5.
W. S. DICKEY CLAY MFG. CO.
Kansas City, Mo.
Macomb, Ill. Chattanooga, Tenn.

THE LITTLE TWISTER

Belt Power Transmitter for FORD AND DODGE CARS
twists everything hard but your pocketbook. The most convenient and satisfactory power for light and medium jobs. Sold on 10 days trial. \$14.75 f.o.b. Salina. Write for free circular.
Dept. M. B.

Wm. Russell - - - Salina, Kansas

Tire Agent

We want one exclusive representative in each locality to use and sell the new Mellingers Extra-tye hard made tires. Guarantee good for 8000 Miles. (No seconds). Shipped prepaid on approval. Sample sections furnished. Don't buy until you get our Special Direct Prices. Write **MELLINGER TIRE & RUBBER CO.**
927 Oak St. Kansas City, Mo.

Crochet Book

Premium No. 43

It's wonderful—that's what the women folks say when they see our attractive Crochet and Tatting book. A treasure of attractive ideas for beginners as well as expert crocheters. Anyone can follow the simple instructions and do beautiful work. The book contains all the latest designs printed on high grade enameled book paper with attractive cover design in colors.

This Crochet Book, premium No. 43, will be sent postpaid with Household Magazine one year for 30 cents, or given free for two yearly subscriptions at 25 cents each. Write for our Premium Catalog containing many other money saving bargains.

HOUSEHOLD, Dept. E 4, TOPEKA, KAN.

Apron Pattern Free

This pretty new one piece house apron is one of the most practical that can be worn. It is simple, attractive and comfortable. The apron is a one-piece model, buttoning on shoulders. The pattern is cut in three sizes—small, medium and large.

Special 30 Day Offer. To quickly introduce The Household, a big story and family magazine, we make this liberal offer good only 20 days: Send 25 cents for a one-year subscription and we will send you this Apron Pattern Free. Be sure to give size and say you want pattern number 9008. Address

THE HOUSEHOLD
Dress Dept. 56, Topeka, Kan.



Fifteen Little Orphans were Made Happy a Few Days Ago When a Treat for Them From Dickinson County Girls Arrived.

FARM QUESTIONS

All inquiries about farm matters will be answered free of charge thru the columns of this department. Those involving technical points will be referred to specialists for expert advice. Address all letters to John W. Wilkinson, Farm Question Department, Kansas Farmer and Mail and Breeze, Topeka, Kan.

Probably Roup

My chickens sneeze and seem to breathe hard. Their eyes and nose water continually but they eat good but gradually get poor. I have one pullet almost dead. What is this and what is the cure?

Doune, Kan. MRS. P. N. FRAZEN.

I think your chickens are probably suffering from roup. There is no cure for this disease and the only practical methods of control are those which prevent the spread of infectious material from one bird to another. This may be accomplished by removing the sick birds as soon as possible and giving them special care. The use of potassium permanganate in the drinking water is recommended, enough to give the water a deep wine red color. Birds should not be permitted to collect under old boxes, brooders, barns, porches, or any place not reached directly by sunlight. We also recommend the addition of sour milk or meat scraps to the diet, since a diet too high in grain seems to make the birds more susceptible to disease.

L. D. Bushnell.

Feeding Calves

1. Can calves be fed without any milk or must there be some milk with it?
2. How much can be given, and what does it cost?
3. Do such calves grow as well as do others?

ALBERT ACKERMAN.

Sabetha, Kan.
It is impossible to raise calves satisfactorily without giving them some milk. The calf should be 5 or 6 weeks old before changing to the milk substitute. I have seen very good calves raised on milk substitutes, but the feeder must be very careful in handling the calves. While good calves can be raised on milk substitutes, when the cost is considered there is very little saved in substituting for the milk. The amount of milk substitutes fed and the cost will depend on the substitutes used.

J. B. Fitch.

Seeding Sweet Clover

What season of the year will give the best results in seeding sweet clover? Some of my neighbors seem to think fall seeding is best while others prefer spring seeding.

Caldwell, Kan. G. R.

Early in the spring is the best time to seed sweet clover. If one can seed about the same time that oats are sown, or in other words, as soon as the seed can be gotten in the ground in good condition, good results will be obtained. I would not recommend seeding in the fall. Fall sown sweet clover will live only the following year, whereas if sown in the spring, it will live thru two seasons. Also, fall sown sweet clover is likely to kill out unless sown quite early.

S. C. Salmon.

Testing Soils

Please give me all the information needed concerning the testing of soils. Also I would like some information on alfalfa.

Corning, Kan. E. C. RAY.

It is not practicable for the average farmer to test the soil for acidity. The Kansas State Agricultural college makes such tests without charge. For each test, it requires 1/4 pound of each surface soil and subsoil. Complete chemical analysis of soil can be made only at a charge sufficient to cover the cost of the work, which is about \$15 for each sample. We are very glad to test soil just for acidity, alkali or organic content, without charge. Bulletins No. 197 and No. 220 have been sent you on alfalfa.

R. I. Throckmorton.

Deadening Trees

When a tree is deadened by cutting a ring around it will it sprout from the roots?

Mound City, Kan. E. A. ADAMS.

The best results usually are obtained by girdling the tree at the end of the growing season. At this time the downward flow of sap is at its minimum and the roots have but little plant food stored. Sometimes a tree can be entirely killed by girdling at this time.

Albert Diekmann.



Chassis Prices
1 1/2 ton \$1965
2 1/2 ton \$2365
3 1/2 ton \$3465
FOR ALL MOTOR TRUCKS



The Motor Truck bought to-day without Electric Starting and Lighting will be out of date to-morrow

What About Next Year?

Now is the time to plan your investments for the coming year. Your capital is available. You have time to sit down and decide on your equipment necessities for the coming production months. Make a mental estimate now. And include in that estimate Bethlehem Dependable Delivery.

Farm Loads are Bethlehem Loads. On thousands of farms the country over, Bethlehem Motor Trucks have proven themselves the vital parts of modern farm machinery.

A Bethlehem Investment will pay big dividends in increased profits. The nearest Bethlehem Dealer can demonstrate Bethlehem Superiority. See him or write us for complete information on the Bethlehem equipment best suited to your needs.

BETHLEHEM
— INTERNAL GEAR DRIVE —
MOTOR TRUCKS
— DEPENDABLE DELIVERY —
BETHLEHEM MOTORS CORPN. ALLENTOWN, PA.

Write for Book Today



FARM WAGONS

High or low wheels—steel or wood—wide or narrow tires. Steel or wood wheels to fit any running gear. Wagon parts of all kinds. Write today for free catalog illustrated in colors.

ELECTRIC WHEEL CO., 30 Elm Street, Quincy, Ill.

LOOK FOR THIS TRADE MARK

CHIEF ALL-STEEL COPOLAS CHIEF ENGINE AND WATERER

Chief Farm Equipment

Chief Catalog Free

SEND FOR FREE CATALOG

SHRAUGER & JOHNSON
515 Walnut St.
Atlantic, Iowa

Don't Wear a Truss



BROOKS' Appliances, the modern scientific invention, the wonderful new discovery that relieves rupture will be sent on trial. No obnoxious springs or pads. Has automatic Air Cushions. Binds and draws the broken parts together as you would a broken limb. No salves. No lies. Durable, cheap. Sent on trial to prove it. Protected by U. S. patents. Catalogue and measure blanks mailed free. Send name and address today.

C. E. BROOKS, 344 A State Street, Marshall, Mich.

High Power Mantles

for Gasoline Lamps and Lanterns

Made to give service. Will last longer and stand rougher usage than any other mantle known. Made in our own factory by special patented process. Buy from your dealer or order direct from nearest office. Price per set \$1.50.

THE COLEMAN LAMP CO.
Mfrs. of the Famous "Quick Lite" Lamps and Lanterns
Chicago, St. Paul, Toledo, Los Angeles, Dallas

Kansas Farmer and Mail and Breeze Money Saving Order Blank

RENEW THREE YEARS SAVE \$1.00

Watch the Label

If the date after your name on the label on the cover of this issue is '19 it means your subscription has expired and will run out before January 1, 1920. Send in your renewal right away so as not to miss an issue of Kansas Farmer and Mail and Breeze.

How To Save a Dollar

The regular subscription price of Kansas Farmer and Mail and Breeze is \$1.00 a year. You can save \$1.00 by sending us your order for a three-year subscription at \$2.00. Or you can send us two yearly subscriptions at \$1.00 each and get your own subscription free.

SAVES TIME TROUBLE AND EXPENSE

Enclosed find for which please enter the following subscriptions

to Kansas Farmer and Mail and Breeze for the term of year.....

Name R. F. D. Box.....

Postoffice State.....

Name R. F. D. Box.....

Postoffice State.....

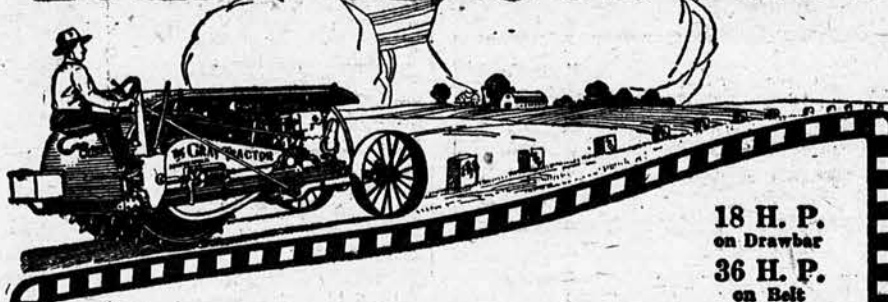
Name R. F. D. Box.....

Postoffice State.....

One Year \$1.00 Three Years \$2.00

Kansas Farmer and Mail and Breeze Topeka, Kansas

Buy A Tractor For Years Of Service



18 H. P.
on Drawbar
36 H. P.
on Belt

THE tractor which will insure its owner the best profit for the greatest number of years is, of course, the tractor that will stand up longest under hard service.

The Gray tractor fills this one supreme requirement simply because it is built for that purpose—to stand up as long as possible under every kind of hard work. In order for the Gray to do this, it has been necessary to carefully watch every detail, and to put the best of workmanship and materials into its construction. From steel frame to roller bearings, the Gray is a wonderful combination of the best and strongest in tractor mechanism.

Gray
TRACTOR
WIDE DRIVE DRUM

When farmers tell us that they have worked hard with their Grays for four, five, six years, with very small repair bills, and that they are still going strong, it means that the Gray is built as a tractor should be built. Farmers also tell us that as a general purpose machine, for strength and durability, it is certainly hard to beat. Experienced threshermen prefer the Gray for threshing. It is equally reliable whether on the drawbar or belt.

Get Our Catalog—It Will Interest You

You will be mightily interested in studying the scientific simplicity of the Gray's construction—the way in which a lot of troublesome features have been eliminated—and new, beneficial ideas incorporated. IT WILL OPEN YOUR EYES.

GRAY TRACTOR COMPANY, Inc.
221 30th Ave. S. E. Minneapolis, Minn.

"Some Men Don't Know It Yet" says the Good Judge

This class of tobacco gives a man a lot more satisfaction than he ever gets out of ordinary tobacco.

Smaller chew—the good taste lasts and lasts.

You don't need a fresh chew so often. Any man who uses the Real Tobacco Chew will tell you that.



Put Up In Two Styles

RIGHT CUT is a short-cut tobacco

W-B CUT is a long fine-cut tobacco

Weyman-Bruton Company, 1107 Broadway, New York City

Classified Advertisements

Reach

You don't try to shoot ducks at night, so why "shoot in the dark" when you have something to buy or sell. The 125,000 readers of Kansas Farmer and Mail and Breeze fall naturally into the classes of buyers and sellers for myriads of articles. A classified ad shoots straight to the mark; it isn't a matter of luck.

Classified Buyers

Millions for Farm Crops

Astonishing Yields and Values Have Been Reported

BY JOHN W. WILKINSON

CROP reports issued recently by the United States Department of Agriculture and also by the Kansas state board of agriculture are of unusual interest at this time to both farmers and business men. Despite the fact that farmers were not paid fair prices for many of their products the bountiful yields sent the value of the farm crops harvested this year to the astonishing total of \$14,092,740,000 exceeding the value of last year's crops by almost 1,500 million dollars. If fair prices had been paid for all farm products this amount would have been several hundred million dollars greater. The area of harvested crops this year was more than 2,600,000 acres larger than last year, amounting to a total of 359,124,473 acres. Corn easily maintained its place as king of crops, with a value of \$3,934,234,000, while cotton, including cottonseed, was second with a total value of \$2,332,913,000. The hay crop was third, with a value of \$2,120,087,000.

Wheat, combining the winter and spring crops, was fourth, with \$2,028,522,000. Oats, a billion dollar crop last year reached a total of only \$895,603,000, because of decreased production. Record crops of winter wheat, rice, sweet potatoes and hay were grown, while the production of all wheat, rye and tobacco was next to the largest ever harvested.

Total Production Values

Prices paid producers were higher this year for every crop than they were last year, with the exception of beans, cranberries and oranges. The total production and value based on prices paid to farmers December 1, of the various crops, follow:

Corn, 2,917,450,000 and \$3,934,234,000. Winter wheat, 731,636,000 and \$1,543,452,000. Spring wheat, 209,351,000 and \$485,020,000. Oats, 1,248,310,000 and \$895,603,000. Barley, 165,719,000 and \$200,419,000. Rye, 88,478,000 and \$119,041,000. Potatoes, 357,901,000 and \$577,581,000. Hay, tame, 91,326,000 tons and \$1,839,967,000. Hay, wild, 17,340,000 tons and \$280,120,000. Sugar beets, 6,396,860 tons and \$68,750,000.

The commercial apple crop of the United States now is estimated at 26,174,000 by the United States Bureau of Crop Estimates thru its fruit specialists. This is an increase of 1,758,000 barrels more than shown by the previous estimate made on November 1. The Far Western states in the apple belt will produce about 35,463,000 boxes of apples or 2,985,000 boxes more than the November estimate. Kansas produced 459,000 barrels of apples as compared with 333,000 barrels for 1918. This is an increase of 126,000 barrels. The size of the fruit in the upper part of the Arkansas Valley is below normal while that in the southern part around Wichita is normal in size and good in quality. The Missouri River Valley counties had a fair crop of fruit and the quality is generally good.

Final Wheat Returns

The final returns for the wheat crop in Kansas show a yield of 145,795,455 bushels of winter wheat for the old crop and 313,737 bushels of spring wheat from 11,640,873 acres that were sown. This makes an average yield of 12.56 bushels an acre or 1.2 bushels an acre less than the July estimate. This year's wheat crop is the second largest in Kansas being surpassed only by the crop of 1914. Kansas leads every state in the Union in the production of wheat this year. Its nearest competitor produced only 38 per cent as much wheat as was produced in Kansas. More than 50 million bushels of the wheat in Kansas is still in the hands of the farmers on account of the shortage of cars which makes it impossible to ship much of this grain. The 4,188,045 acres planted in corn yielded 63,083,497 bushels of grain or an average of 15.06 bushels an acre. On 2 million acres less than for 1918 this year's yield is 18 million bushels more than for last year.

The 1,552,191 acres sown in oats yielded 41,973,806 bushels or an aver-

age of 27.04 bushels, the highest average yield since 1914. The 508,821 acres in barley produced 12,881,470 bushels or an average of 25.32 bushels an acre. This is the largest production ever known in Kansas. The 269,647 acres in rye yielded 3,457,791 bushels or an average of 12.82 bushels an acre. The new wheat crop of Kansas sown this fall is estimated to have an area of 9,196,000 acres and its condition is estimated to be 82 per cent. Local conditions of crops and farm work in Kansas are shown in the following county reports:

Bourbon—Corn gathering is progressing slowly because of the severe winter weather. Less corn than usual was cut. Winter feed is plentiful but high. Not much livestock is on full feed. Not as much fall plowing as usual was done. Fall sown wheat is short but is in good condition. Many farmers are buying Holstein cows, and a good many of them are purebreds. Eggs 88c; butterfat 72c; hens 19c.—F. B. Campbell, Dec. 15.

Cheyenne—Four inches of snow fell the first of this week and the mercury dropped to 25 degrees below zero on the night of December 9. There is sufficient snow to protect wheat. Not many farmers are husking corn on account of bad weather. Most fields are making good yields and the crop is well matured. Livestock is standing the severe cold well where wind breaks are provided. Wheat is \$2.30; butterfat 78c; shorts \$2.65; bran \$2.15.—F. M. Hurlock, Dec. 12.

Clay—Stormy weather, scarcity of good alfalfa and the heavy fall of prices the past week have caused many farmers and cattle breeders to make large shipments, and not many cattle or hogs remain in the county. Clay county has a co-operative woodpile for public welfare. Clay county high school is closed until next year on account of coal shortage. No. 2 wheat is selling for \$2.50; ear corn \$1.05; shell corn \$1.60; shorts \$2.55; bran \$2.05; hides 26c; hens and springs 30c; turkeys 31c; creamery butter 72c; country butter 70c; butterfat 75c; eggs 71c.—P. R. Forslund, Dec. 12.

Cowley—Weather has been very cold and livestock which didn't have shelter has suffered. Coal situation has not been very serious in this county as there is plenty of gas, and wood is very easily obtained. Very little oil has been found recently, although most leases are being kept up. Butterfat is 74c; eggs 70c; hens 19c; hogs \$14 to \$14.50; No. 1 wheat \$2.25; alfalfa \$29; prairie hay \$17.—Fred Page, Dec. 12.

Finney—Weather is cold but clear. Some snow still is on the ground. Wheat is in excellent condition. Feed is high. Cattle are healthy. A great many cattle are ready to market, but cars cannot be obtained. Butter is 60c; eggs 65c; cream 72c.—Max Engler, Dec. 12.

Franklin—Weather has been very cold since December 1, and ground is covered with sleet. Livestock is doing well considering the cold weather. It is difficult to tell what effect the sleet will have upon wheat, but some farmers think that it has not been damaged. Hogs are 12c; butterfat 77c; eggs 70c; hay \$16 to \$20.—Elmer D. Gillette, Dec. 13.

Gove—Weather is below zero but not damaging livestock very much. Farmers are not husking corn because there is so much snow on ground. A few public sales have been held. Butterfat is 73c; eggs 65c; hens 16c; turkeys 26c.—Newell S. Box, Dec. 12.

Graham—Weather was 20 degrees below zero December 10. Coal shortage has been felt severely. Very little fuel is available on account of the snow. Livestock is healthy, but some losses have been reported in stalk fields. About one-half of stacked wheat is yet to be threshed.—C. L. Kobler, Dec. 12.

Grant—Weather has been cold and snowy since November 26. Feeding livestock is about all farmers can do. Corn is \$1.40; kafir and milo \$2.20; butterfat 75c.—C. W. Mahan, Dec. 12.

Haskell—Weather is very cold, and we haven't much coal. Thermometer was 10 degrees below zero one morning. Livestock is suffering from cold weather. Threshing has not begun again. No. 2 wheat is \$2.46 to \$2.60; hens 12c to 14c.—H. E. Teagarden, Dec. 13.

Harvey—Weather is changeable and temperature is low. This requires more feed and shelter for livestock. Farmers are busy cutting fuel and doing chores. Butter 65c; eggs 80c; potatoes \$2.20; flour \$3.—H. W. Prouty, Dec. 12.

Jackson—We have been experiencing real winter weather the past week. A good many farmers think the ice is damaging wheat. Corn is \$1.30 and there is not much of it for sale. Eggs are 68c; hens 20c; young roosters 18c; geese 20c; turkeys 30c.—Earl Askreu, Dec. 11.

Jewell—Weather for past week has been very severe for livestock. Roads almost are impassable on account of snow. There has been no thawing weather since November 24. Feed is scarce and high. Public sales are not well attended because of stormy weather. Wheat is in excellent condition under the snow as the ground is not frozen. Some corn still is in the field. Farmers are putting up ice about 7 inches thick. Alfalfa \$20 to \$25; cane hay \$10.—U. S. Godding, Dec. 13.

Labette—Weather has been below zero the past few days. Farmers are hauling wood to town at \$8 to \$10 a wagon box full. Ground still is full of moisture. More hogs than usual are being butchered. Sales are occurring weekly. Alfalfa is \$20; cream 76c; apples \$2.25; oats 70c; cabbage 4c; hay \$16.—J. N. McLane, Dec. 13.

Lincoln—Weather has been cold for past 14 days. It rained two weeks ago, which made stock water and put roads in bad condition. Some road work has been done recently. A few fields of corn have not been husked. Hogs are scarce and only a few are going.

(Continued on Page 34.)

TOM McNEAL'S ANSWERS

Price of Wheat

A has two loads of wheat; he takes one load to B, who pays him \$2.88 a hundred, and says that is all the government permits him to pay. The wheat tested 55 pounds. The other load he sold to C. It tested 56 and C paid him \$3.65 a hundred. A thinks B beat him. Was this true? (2) A was a soldier in the late war. He was put in the guard house for some offense. He escaped from the guard house and deserted. A reward was offered for his capture but he was never found. What would be the probable penalty if he should give himself up now? H. S. V.

(1) I find from consultation with the leading miller of Topeka that the weight does not necessarily govern the price. Some wheat that does not weigh well grades better in quality than other wheat that weighs more. In the second place the government has not at any time limited the price a miller or any other dealer might pay for wheat; it simply fixed the minimum prices, so if B told A that he was not permitted by the government to pay more than a certain price he did not state the truth. Wheat is selling right now at considerably above the government guaranteed price. The Topeka miller referred to tells me that 55 pound wheat of fair quality ought to sell for approximately \$2.50 a bushel or possibly \$2.52 in Kansas City. But the quality of A's wheat may have been such that it would not bring more than \$2.20 in the Kansas City market and I would suppose that the freight rate from the locality from which the letter was written might be as much as 20 cents a bushel to Kansas City. In any event it would seem that A should have received in the neighborhood of \$4 a hundred for his 55 pound wheat and a little more for the 56 pound wheat.

(2) The probability is that if the soldier boy were to give himself up now and could show that he did not desert in the face of immediate danger he would be let off with a moderate punishment, possibly a few months imprisonment.

Share of Homestead

A and B are husband and wife, each having children by former marriage. A takes a homestead in Colorado after their marriage and spends the money of B and her children in improvements on the homestead. B and her children did the work on the farm for years while A was working elsewhere. What is the law in Colorado in regard to disposing of this property? What share will B and her children get? A's children have never been on the place and A does not even know where they are. A READER.

If A dies without will, B would inherit half of the homestead and his children would inherit the other half. The husband can, however, by will, give the entire homestead to his widow and her children. If the children have worked on the place after they are of age they of course would have a claim against the estate for services.

Desires the Bonus

If a company pays a bonus or agrees to pay one of 2 1/2 cents an hour to the employee, and an employee after waiting a year to get this bonus is discharged just before the payment of the bonus is due, is this lawful? Is there a state law requiring this bonus to be paid to the employee by the company for which he is working? MRS. A. M. P.

There is no state law either requiring or interfering with a contract of this kind. If the company enters into a contract to pay a bonus under certain conditions and the employee meets the conditions, he is of course entitled to his bonus and could collect it by law as other labor debts are collected. The company could not evade the liability of its contract by discharging the employee a few days before the bonus becomes payable.

Hunting Quail Without Permission

I have always forbidden the shooting of quail on my land or land leased by me. What is the penalty for shooting quail where the owner or lessee of the land forbids? Can I forbid shooting of quail on my place during quail season? When is quail season? SUBSCRIBER.

You have a right to forbid hunting on your land or on land leased by you of which you have the possession. The penalty for violating this law is a fine of not less than \$5 nor more than \$100 or by imprisonment for not to exceed 30 days, or both such fine and imprisonment. You have the same right to forbid hunting on your place during quail season as at other times. Quail season is from December 1 to December 10, inclusive.



Smoke Your Own Meat

in a Columbian Galvanized Metal Smoke House and give it that natural "Country Cured" flavor. BUY the COLUMBIAN SMOKE HOUSE—it is safe and cannot burn. The Columbian Smoke House is made of No. 24 gauge best quality galvanized steel, and is sectional in construction. Shipped knocked down and very easy to erect. The body is made of one piece and rolled for shipment.

Write today for illustrated folder No. 152 describing Hog Troughs, Scalding Vats, Cookers, Waterers, Etc.

COLUMBIAN STEEL TANK CO.

"TANKS FOR THE WORLD"

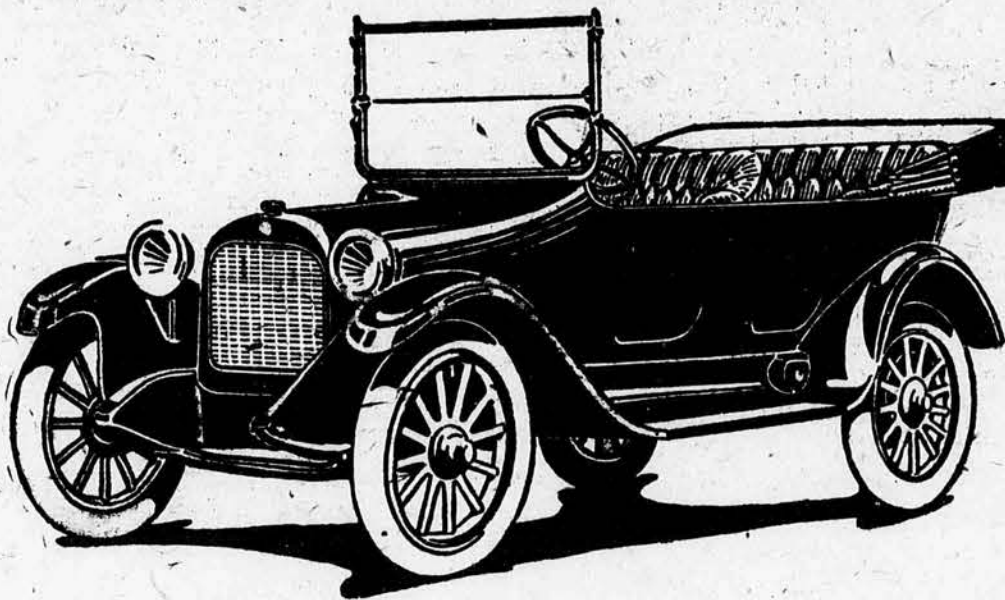
1601-21 West 12th Street Kansas City, Mo.

START A FARM YARD GARAGE
MAKE \$100 TO \$400 A MONTH RIGHT AT HOME
Repairing your neighbors Autos, Trucks and Tractors. All you need is 6 to 8 weeks practical training here, and a bit of tool. Come to Kansas City—The Training Center.
Special Rates Now. Information and 15-DAY TRIAL OFFER. **FREE**
KANSAS CITY AUTO & TRACTOR SCHOOL
Dept. 586 15th and Lytle Kansas City, Mo.

LEARN TELEGRAPHY
Young men attend on credit. A practical school with railroad wires. Owned and operated by the A. T. & S. F. Ry. EARN FROM \$115 to \$165 PER MONTH. Write for catalog.
SANTA FE TELEGRAPH SCHOOL
8-506 Kansas Ave., Topeka, Kan.

GIVEN AWAY

This New Dodge Can Be Yours



Won't Cost a Single Dollar

Others Enjoy Big, Roomy Autos—Cars
We Have Given Them—Why
Shouldn't You?

Other people—your friends, your neighbors, nearly all you see—are taking long, wonderful, enjoyable trips in autos of their own. Every day hundreds of happy car owners pass joyously by, gliding along at a rapid clip—living happily, healthful and content.

Why not you? Today, tomorrow, and every day a steady stream of cars will be hurried from the factories to their new and happy owners. Write now—join that throng. We've given cars to others—we're going to give away more. Hurry while there's time.

An Offer You Can't Afford to Miss—I
Pay All the Bills—Even
Pay the Freight.

You can have a brand new Dodge like that above—a beautiful, powerful, touring car—absolutely without costing you a single dollar. Yes—an automobile FREE. Such a chance—such an opportunity will probably never come again. Hurry—write—don't pass this by.

These others saw my ads the same as you. They wrote—they're driving cars of their own today. Cars we gave them—big roomy autos. You can get a car—the same as they. Don't hesitate. It's time now. Send in your name—your address.

HURRY—Why Go Longer Without a Car—WRITE If You Want a Brand New Dodge

Clip This Off and Mail Today or a Postal Card Will Do

Dear Sir: I want a Dodge, and would like to hear of your wonderful offer; but filling out and mailing this coupon doesn't obligate me in any way.

Name Address
Street Number, Box or R. F. D.

Town State

EUGENE WOLFE, Manager
531 Capital Building Topeka, Kansas

FARMERS' CLASSIFIED ADVERTISING

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

Beginning with the issue of January 3, 1920, our Classified Advertising rates will advance to 12 cents a word for a single insertion, and 10 cents a word for each insertion when the order is for four or more consecutive times. Advertisers will now have the advantage of 125,000 readers.

The old rate of 8 cents a word will apply to December issues but 4-time orders will not be accepted at that rate.

TABLE OF RATES

Words	One time	Four times	Words	One time	Four times
10.....	1.20	4.80	26.....	3.12	12.48
11.....	1.32	5.28	27.....	3.24	13.00
12.....	1.44	5.76	28.....	3.36	13.52
13.....	1.56	6.24	29.....	3.48	14.04
14.....	1.68	6.72	30.....	3.60	14.56
15.....	1.80	7.20	31.....	3.72	15.08
16.....	1.92	7.68	32.....	3.84	15.60
17.....	2.04	8.16	33.....	3.96	16.12
18.....	2.16	8.64	34.....	4.08	16.64
19.....	2.28	9.12	35.....	4.20	17.16
20.....	2.40	9.60	36.....	4.32	17.68
21.....	2.52	10.08	37.....	4.44	18.20
22.....	2.64	10.56	38.....	4.56	18.72
23.....	2.76	11.04	39.....	4.68	19.24
24.....	2.88	11.52	40.....	4.80	19.76
25.....	3.00	12.00			

EMPLOYMENT

WANTED—RAILWAY MAIL CLERKS. \$1300 begin. Write for list. Franklin Institute, Dept. N15, Rochester, N. Y.

RAILWAY MAIL CLERKS NEEDED. \$1300 to \$2000. Work 15 days monthly. Paid full time. Travel free. Hotel allowance. No experience required. Write Ozment, 167 St. Louis, Mo.

SINGLE FARM HANDS \$45 PER MONTH. board and room. Year round job. Increased pay March 1st and every three months thereafter to men making good. The Lakewood Farm, Belton, Mo.

AGENTS WANTED

AGENTS—MASON SOLD 18 SPRAYERS and auto washers one Saturday; profits \$2.50 each. Square deal. Particulars free. Rusler Company, Johnstown, Ohio.

AGENTS MAKING \$200 WEEKLY; EVERY- one wants it. Formulas for 200 beverages to be made at home. Book form. Send \$1 for copy and territory proposition. Act quickly. Buyers' Export Agency, 487 Broadway, New York.

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

SALESMEN WANTED

WE ARE ANXIOUS TO PAY BIG salaries with liberal expense accounts to men with selling experience representing Capper Publications. Our offers have been made unusually attractive. Just a few territories in central Kansas open. A man with automobiles preferred. Write or wire application now. H. M. Van Dusen, Capital Bldg., Topeka, Kan.

SERVICES OFFERED

PLEATINGS—MRS. M. J. MERCER, 800 Topeka Ave., Topeka, Kan.

AUCTIONEERS MAKE BIG MONEY; 67 paged annual free. Mo. Auction School, Kansas City, Mo.

FREE—OUR NEW EIGHTY PAGE STYLE book. Ideal Button and Pleating Co., Dept. 27, Brown Bldg., Omaha, Neb.

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

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

ST-STU-T-T-TERING AND STAMMERING cured at home. Instructive booklet free. Walter McDowell, 127 Potomac Bank Bldg., Washington, D. C.

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

MONEY MAKING OPPORTUNITIES; THE World War History and Life of Roosevelt, best books and terms. One outfit free. Lindberg Co., 130 N. Dearborn, Chicago, Ill.

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

HIGH PRICES PAID FOR FARM AND dairy products by city people. A small classified advertisement in the Topeka Daily Capital will sell your apples, potatoes, pears, tomatoes and other surplus farm produce at small cost—only one cent a word each insertion. Try it.

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

FREE BOOK ON PATENTS—WRITE TO- day for free copy of "How to Obtain a Patent." Contains valuable information and advice to inventors. Tells how to secure patents. Send model or sketch of your invention for opinion of its patentable nature, free. (20 years' experience). Talbert and Talbert, 4215 Talbert Bldg., Washington, D. C.

SERVICES OFFERED.

FAIRMOUNT MATERNITY HOSPITAL for confinement; private, prices reasonable, may work for board, babies adopted. Write for booklet. Mrs. T. B. Long, 4911 East 27th St., Kansas City, Mo.

BUSINESS CHANCES

RESTAURANT FOR SALE. WORTH \$4000, can get it for \$3500. C. Lovelace, Bethune, Colo.

FOR SALE—UNITS IN FURMAN AND Eyestone Royalties. Two of the best in Elbing Peabody oil field. Will consider stock or land in trade. R. A. Baker, Enterprise, Kan.

HANDLE MORE BUSINESS? ARE YOU getting all the business you can handle? If not get big results at small cost by running a classified ad in Capper's Weekly. The Great News Weekly of the Great West with more than a million and a quarter readers. Sample copy free for the asking. Only 5c a word each week. Send in a trial ad now while you are thinking about it. Capper's Weekly, Topeka, Kan.

BUILD A BUSINESS IN YOUR COMMUN- ity; we supply guaranteed workable formulas at \$1 each. Our specials for this issue: Harness and Auto-top Dressing; Wall paper and Shade Cleaner; Fire Extinguishing Compound (dry form); Cattle Branding Preparation; Solidified Alcohol (for fuel use); Quick Drying Auto Body Polish; Soot Destroying Compound; Rat Expelling Compound; Lavatory or Out-House Deodorant and Disinfectant; Eggs Producing Poultry Food. Reliable source of supply included with each formula for ingredients requested. Industrial Methods Bureau, Dept. 509 1 West 34th St., New York.

FOR SALE

CONTAGIOUS ABORTION PREVENTED. R. Harold, Manhattan, Kan.

BOWSER'S COMBINATION FEED MILL. W. R. Huston, Americus, Kan.

SILAGE—300 TONS AT \$8. I DO THE feeding. E. N. Sites, Atlanta, Kan.

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

WHOLESALE PRICES ON BALE TIES, lumber delivered to any town in the state. Hall-McKee, Emporia, Kan.

FOR SALE—ALFALFA SEED 95% PURE, good germination, \$12 per bushel, my track. Geo. Bowman, Concordia, Kan.

BUY NEW TIRES AT WHOLESALE prices. Save 50%; guaranteed 8000 miles. Send for list. Reliance Tire Co., Kansas City, Mo.

TEN HORSEPOWER PORTABLE FIELD Brundage engine and 4-hole Joliet corn sheller. Good shape. Chas. H. Mills, Kansas City, Mo.

STAR SWEEP GRINDERS DIRECT FROM factory prices. Fully guaranteed. Write for booklet. Perry Mfg. Co., 14 Jeff. St., New Lexington, Ohio.

OUT-OF-THE-ORDINARY CHRISTMAS gifts. Just what you have been looking for. Write today for our illustrated lists. Norwood Specialty Co., Norwood Park, Chicago.

ELECTRIC LIGHT OUTFIT. COMPLETE with nine H. P. Fairbanks oil engine and 5 1/2 K. W. generator, or will consider any trade. What have you? Herkimer Supply Co., Herkimer, Kan.

FARMERS—UNIONIZE; FEDERATE, and demand skilled labor, wages and overhead expenses for each product. Enforce it through "Minimum price System." Three dollars for wheat and all other products in proportion. "The Farmers' Union and Federation Advocate and Guide" tells all about how to get it. One hundred reasons for unionizing. Outline of plan given; twenty questions answered; 172 pages. Only one dollar postpaid. Send cash or check today for a copy to W. H. Kerr, Great Bend, Kan.

SEEDS

SWEET POTATO SEEDS. WRITE FOR prices and list of varieties. Johnson Bros., Wamego, Kan.

RECLEANED SEEDS: ALFALFA \$9.50 BU. Clover \$18. Timothy \$7.50. Kaffir \$2.25. Caneseed \$2. Millet \$2. Sudan \$15 cwt. Sacks free. Satisfaction or money back. Order now and save a third. Meier Seed Co., Russell, Kan.

TOBACCO.

TOBACCO—NATURAL LEAF SMOKING. lb. 45 cents; chewing, lb. 50 cents, postage prepaid. Chas. Goff, Tarfolk, Ky.

LEAF TOBACCO—THE "CREAM OF KEN- tucky's Best Crops." A "bully smoke or chew." 5 lbs. \$3; 10 lbs. \$5, postpaid. Kentucky Tobacco Association, Hawesville, Ky.

TOBACCO. SELECT NATURAL RED leaf; grower to consumer. Ideal for smoking and chewing, 55c pound, ten pounds over, 50c postpaid. Reference, Bank Sharon. C. D. Mitchell, Sharon, Tenn.

LEAF TOBACCO—WE ARE GROWERS OF Tennessee Red Leaf chewing and smoking, aged in bulk. Only a limited supply. 3 pounds \$1.80; 6 pounds \$3.30; 10 pounds \$5. Postpaid. Address Murphy Co., Martin, Tenn. Reference Peoples Bank.

MACHINERY.

TYPEWRITER FOR SALE. CHEAP. Trial. Write J. Yotz, Shawnee, Kan.

ALMOST NEW FORDSON TRACTOR AND 2-bottom plows. Price \$800. "Tractor," Mail and Breeze.

FOR SALE OR TRADE, 13 H. P. STEAM Tractor in running order. Aultman Taylor No. 4 Matchless Clover Huller, like new. Geo. Launders, Yates Center, Kan.

ATTENTION! FARMERS AND TRACTOR owners. For sale—Ford one ton Dearborn tank trucks, equipped with 300 gallon 3 compartment tanks, complete. National Refining Co., Kansas City, Mo.

FOR THE TABLE.

PINTO BEANS, RECLEANED, \$8 PER cwt. E. O. B. Stratton, Colo. Thomas Siegrist.

PURE EXTRACTED HONEY, 120 LBS., \$22.80. W. P. Morley, Producer, Las Animas, Colo.

HONEY OF SUPERIOR QUALITY. ALSO Green county's cheese. Price list free. E. N. Ross, Monroe, Wis.

PINTO BEANS—100 POUNDS, \$7, E. O. B. Stratton. Quality guaranteed. W. A. Hooper, Stratton, Colo.

CHOICE WHITE ALFALFA HONEY VERY fine, 120 lbs. \$25. Sixty lbs. \$13. Bert W. Hopper, Rocky Ford, Colo.

COUNTRY DRIED PRUNES, 50 POUND box \$9. Direct from dealer to consumer. Garfield Fruit and Produce Co., Garfield, Wash.

OLD FASHION "CUBAN MOLASSES," SPE- cial price for a few weeks. Guaranteed to keep all summer. 60-gallon barrels, 25c a gal. Cash with order. Winston Grain Co., Winston, N. C.

GUARANTEED PURE WHITE EXTRACTED honey two 60-pound cans, \$24. Dark strained, \$20. Free on cars here. Skagle cans, \$12.50 and \$10.50. Frank H. Drexel, Crawford, Colo.

A MOST ACCEPTABLE CHRISTMAS GIFT. The Besto Rocky Mountain Honey, fine flavor, thick and of light color. Per can, five pounds net, postpaid, anywhere west of Ohio river, \$1.50. Send remittance with order. The Colorado Honey Producers Association, Denver, Colo.

WANTED

WANTED. POWER SHEEP SHEARING machine. Harry Payne, Axtell, Kansas.

WANTED. NEW CROP SUDAN GRASS. Send samples to the Fort Smith Seed Co., Fort Smith, Ark.

WANTED—ALFALFA HAY. EAR CORN, and oats. Get our prices before selling. England Milling Co., England, Ark.

WANTED TO BUY. RED AND BLACK Amber cane seed in car lots. What have you to offer? Sharp Grain Co., Healy, Kan.

PLANTS

STRAWBERRY PLANTS, \$4 to \$5 PER 1000. List free. J. Sterling, Judsonia, Ark.

PET STOCK.

TWO COON, SKUNK, OPOSSUM HOUNDS for sale. Horn Bros., Garnett, Kan.

PURE BRED FOX TERRIER PUPS, WELL marked, \$10 each. W. P. Hamilton, Belle Plaine, Kan.

COON, SKUNK, OPOSSUM AND WOLF hounds. T. C. Rice, Garnett, Kansas.

SHEPHERD PUPPIES. BEST ALL PUR- pose dog yet. Males, \$12.50; females \$7.50. Also greyhounds from 8 months to 2 years old. \$25 each. H. W. Chestnut, Kincaid, Kan.

MONEY IN POULTRY AND RABBITS. WE show you where to market all you raise at a good profit. 62 page, illustrated book, 50c. None free. Co-operative Supply Co., Dept. 17, St. Francis, Wis.

SPORTSMEN—TRAINED BEAGLES, RAB- bit, fox, coon, skunk, squirrel and opossum dogs, bird dogs, pet and farm dogs, swine, rabbits, pigeons, pheasants, goats—100 varieties blooded stock. Circulars 10c. Violet Hill Kennels, York, Pa.

AIREDALES, COLLIES AND OLD ENGL- ish Shepherd dogs. Trained male dogs, brood matrons, pups, all ages. Flemish Giant, New Zealand and Rufus Red Belgians rabbits. Send 6c for large instructive list of what you want. W. R. Watson, Box 128, Oakland, Iowa.

POULTRY

So many elements enter into the shipping of eggs by our advertisers and the hatching of same by our subscribers that the publishers of this paper cannot guarantee that eggs shipped shall reach the buyer unbroken, nor can they guarantee the hatching of eggs. Neither can we guarantee that fowls or baby chicks will reach destination alive, nor that they will be satisfactory because opinion varies as to value of poultry that is sold for more than market price. We shall continue to exercise the greatest care in allowing poultry and egg advertisers to use this paper, but our responsibility must end with that.

December 6, 1919.

Farmer's Mail and Breeze, Topeka, Kan. Gentlemen—Our small classified ad in your poultry department has been entirely satisfactory. Have got inquiries from as far west as Colorado. Have only a few fowls left. In the words of the vernacular, the pulling power of the Mail and Breeze classified ads is a "whopper." Will use your columns again as soon as our catalog is off the press. Respectfully, Plainville, Kan. LESTER FIFE.

ANDALUSIAN

PURE BRED BLUE ANDALUSIAN COCK- erels \$3 up. S. F. Pierce, Boulder, Colo.

CHOICE BLUE ANDALUSIAN COCK- erels, \$3 each. H. B. Greene, Wellington, Kan.

THOROBRED BLUE ANDALUSIAN COCK- erels for \$3. Single Comb Mottled Anconas, cockerels \$2. Mrs. C. W. Parks, Eureka, Kan.

ANCONAS.

GOOD DARK ANCONA COCKERELS \$2 each. Mrs. Will Torgeson, White City, Kan.

BRAHMAS

CHOICE LIGHT BRAHMA COCKERELS \$3 each. Hilary Borne, Bushton, Kan.

BANTAMS.

BUFF, WHITE, BLACK, COCHIN, GOLDEN Seabright bantams, cheap. W. H. Koell, Hampton, Ia.

CORNISH

DARK CORNISH COCKERELS \$2.50 EACH. Homer Hastings, Sun City, Kan.

DUCKS.

ROUEN AND MAMMOTH WHITE PEKIN ducks, cheap. W. H. Koell, Hampton, Ia.

BUFF DUCKS. PRIZE WINNERS, EITHER sex, \$2.50. Mrs. F. Doty, Rose, Kan.

300 DUCKS, ROUEN, BUFF ORPINGTON and Muscovy. Fred Kucera, Clarkson, Neb.

FOR SALE—PURE BRED FAWN AND White Runner drakes and ducks, \$1.25 each. Mrs. Abbie Brush, Burr Oak, Kan.

GUINEAS.

PEARL AND WHITE GUINEAS, CHEAP. W. H. Koell, Hampton, Ia.

WHITE GUINEAS, \$1 each, or \$1.75 a pair. Miss Cora Blackwill, Quinter, Kan.

GEESSE.

MAMMOTH TOULOUSE GEESSE \$4 EACH Byrl Johnson, Erie, Kan.

PUREBRED TOULOUSE GEESSE, \$3.50 each. Jane McDaniel, Centralia, Kansas.

MAMMOTH WHITE EMBDEN AND Toulouse geese, cheap. W. H. Koell, Hampton, Ia.

MAMMOTH TOULOUSE GANDERS, GEESSE, fine large birds, \$3 this month. Albert Helt, Parsons, Kan.

MAMMOTH TOULOUSE GEESSE FROM blue ribbon winners in Kansas, Oklahoma, and Missouri. \$5 each. Mrs. Chancey Simmons, Erie, Kan.

LANGSHANS.

EXTRA LANGSHANS. CATALOG READY. John Lovette, Mullinville, Kan.

GOOD BLACK LANGSHAN COCKERELS \$3. Mrs. G. W. King, Solomon, Kan.

LISTEN! FOR 20 DAYS 1/2 OFF ON Black Langshan cockerels. Chas. Leeper, Harper, Kan.

BLACK LANGSHANS, WON BLUE AT Kansas City. Leavenworth, Topeka, \$3; 6 for \$15. Guaranteed. Roller Farm, Soldier, Kan.

EXTRA FINE THOROBRED BLACK Langshans. Nice large April hatched cockerels, five dollars. Maggie Burch, Oyer, Mo.

LEGHORNS.

ROSE COMB WHITE LEGHORN COCKER- els \$1.50. Ethel Miller, Agra, Kan.

SINGLE COMB WHITE LEGHORN PUL- lets, \$1.75 each. Elmer Jones, McLouth, Kan.

PURE ROSE COMB BROWN LEGHORN cockerels \$1.50 each. Belle Larabee, Hadam, Kan.

HUSKY, LOW-TAILED COCKERELS, \$2 if taken this month. Fisher-Dale Farm, Wilson, Kan.

PURE SINGLE COMB BROWN LEGHORN cockerels \$1.25 each. J. F. McCornick, Blaine, Kan.

PURE ROSE COMB BROWN LEGHORN cockerels \$1.50 each. Grover Cummins, Clifton, Kan.

CHOICE S. C. WHITE LEGHORN COCKS and cockerels for sale. Mrs. W. R. Hildreth, Oswego, Kan.

BEAUTIES—SINGLE COMB GOLDEN Buff Leghorn cockerels, \$2. S. R. Blackwelder, Pratt, Kan.

VERIBEST ENGLISH WHITE LEGHORN cockerels, 280 egg strain. J. O. Silverwood, Mulvane, Kan.

ROSE COMB BUFF LEGHORN COCKER- els, extra good laying strain, \$2. Martin D. Strube, Baker, Kan.

PURE SINGLE COMB WHITE LEGHORN cockerels \$1.50 each. Elizabeth Green, Concordia, Kan., Route 1.

PURE BRED SINGLE COMB BROWN Leghorn cockerels, \$1.25 each for 30 days. Ike Imel, Montezuma, Kan.

CHOICE ROSE COMB BUFF LEGHORN cockerels from fine layers. Mrs. Anna Frank Sorrensen, Dannebrog, Neb.

SINGLE COMB WHITE LEGHORNS, BAR- ron strain, cockerels \$2 to \$5 taken now. Sadie Lunceford, Mapleton, Kan.

EXTRA LARGE VARIETY PURE BRED Single Comb White Leghorn cockerels from heavy laying strain, \$2. Geo. D. Gamble, Holton, Kan.

FROM IMPORTED STOCK. ENGLISH White Leghorn cockerels, Tom Barron strain, \$2.50, \$3. Also Golden Faun rabbits. S. H. Ralston, Udall, Kan.

SINGLE COMB WHITE LEGHORNS, PURE Tom Barron. Hold highest record in egg production. Cockerels \$2.50 to \$5. Harry Givens, Manhattan, Kan.

PURE BRED SINGLE COMB BROWN LEG- horn cockerels early May hatch. The right color and size. \$1.50 each if taken soon. Mrs. Roy C. Paul, Mildred, Kan.

PURE BRED COCKERELS, SINGLE COMB White Leghorns, \$1.25; choice, \$1.50. Also some Rose Comb White Wyandottes, \$1.50; choice, \$2. Levi Johnson, R. 3, LeRoy, Kan.

WHITE LEGHORN COCKERELS, FERRIS 230-264 egg strain. Direct from the Ferris breeding pens at Grand Rapids, Mich. Peris for quick sale. C. E. Potter, Harveyville, Kan.

LEGHORNS.

PURE BRED ROSE COMB BROWN LEGHORN cockerels, carefully selected \$2 each. Fred Chiles, Miltonvale, Kansas.

SINGLE COMB WHITE LEGHORN COCKERELS of the Tom Barron strain, \$2.50 each. Day Green, Jamestown, Kan.

PURE BRED SINGLE COMB BROWN Leghorn cockerels, \$1.50 each; six for \$7.50. Sam Brehm, Hutchinson, Kan.

SINGLE COMB WHITE LEGHORN COCKERELS. Fine ones, extra early hatched. \$1.50 if taken in 2 weeks. H. W. Chestnut, Kincaid, Kan.

GOLDEN BUFF SINGLE COMB LEGHORN cockerels, 1919 blue ribbon winners, farm range, priced right. Only good birds will be shipped. Give description. V. P. Johnson, Saronville, Neb.

MINORCAS.

CHOICE SINGLE COMB BLACK MINORCA cockerels \$3, Furman Porter, Richmond, Kan.

ORPINGTONS.

ORPINGTON COCKERELS \$2.50 AND \$3 each. Mrs. John Theiler, Hooker, Okla.

PURE ROSE COMB BUFF ORPINGTON cockerels, \$2.50. Mrs. Z. M. Wright, Carnegie, Kan.

PURE BRED ROSE COMB BUFF ORPINGTON cockerels \$5. Mrs. Chas. E. Simon, Mont Ida, Kan.

PURE BUFF ORPINGTON COCKERELS, 6 to 8 pounds, \$2.50 and \$4. Donald Lockhart, Howard, Kansas.

FINE BUFF ORPINGTONS AND RHODE Island White cockerels, \$2.50 each. Mrs. Jake Ayers, Sabetha, Kan.

CRYSTAL WHITE ORPINGTON COCKERELS, Kellerstrass strain, \$3 and \$5. Mrs. J. J. Miller, Mullinville, Kan.

PURE BRED BUFF ORPINGTON COCKERELS. Order yours now. Pleasantview Poultry Farm, Little River, Kan.

PURE BRED BUFF ORPINGTON COCKERELS, good strain, large and good color, guaranteed, \$3 to \$5 each. Mrs. Chas. Hill, Trousdale, Kan.

CHOICE STANDARD BRED S. C. BUFF Orpington cockerels. Sired by birds bought of America's foremost breeders. December's price \$3.50 each. Joe B. Sheridan, Carnegie, Kan.

SINGLE COMB BUFF ORPINGTON COCKERELS, March hatch, weighing to ten pounds. Sired by first prize cockerel 1917 Heart of America Show. Best in the West; \$5 and \$10 each; 40 pullets laying now, \$2.50 each. Satisfaction guaranteed. Sunflower Ranch, Ottawa, Kan.

PLYMOUTH ROCKS.

WHITE ROCK COCKERELS \$2 TO \$5. Wesley Wise, St. John, Kan.

PUFF ROCK COCKERELS, EXTRA FINE, \$3. Jesse Lee, Wheaton, Kan.

BARRED ROCK COCKERELS \$2 TO \$3. Oliver Jackson, Hazelton, Kan.

PUFF ROCK COCKERELS \$3 EACH, EXTRA large. Anna Burr, Grenola, Kan.

BARRED PLYMOUTH ROCK COCKERELS, \$2 each. Meyer Bros., Olathe, Kan.

PURE BRED BUFF ROCK COCKERELS \$3. J. O. Ashbaugh, Junction City, Kan., R. 1.

PURE BRED BARRED ROCK HENS, one year old, \$1.50 each. Kenneth Fry, Sedgewick, Kan.

WHITE ROCK COCKERELS, CHOICE individuals, \$3, \$5, \$7. Mrs. Guy Bennett, Abilene, Kan.

40 BARRED ROCK COCKERELS, FINE ones \$3 if taken by Dec. 25. Theo. Jung, Lyons, Kan.

PURE BRED WHITE ROCK COCKERELS Fishel strain, \$2 to \$5. R. J. Hausam, Sedalia, Mo.

FINE WHITE ROCK COCKERELS, FARM raised, \$2.50 each. Mrs. Dore McMillin, Quenemo, Kan.

PUFF ROCK COCKERELS, PRIZE WINNING strain, 3 dollars each. Mrs. Robt. Hall, Neodesha, Kan.

PURE BRED BARRED ROCK COCKERELS from trapnested ancestors, \$3 to \$5. Gem Poultry Farm, Haven, Kan.

100 BARRED ROCK COCKERELS, LARGE and vigorous, 28 years a breeder. \$3 to \$5. W. H. Hanson, Abilene, Kan.

BARRED ROCK COCKERELS, EARLY hatch, extra fine, \$2.50 each. Valley View Poultry Farm, Concordia, Kan.

PREMIUM STOCK BARRED ROCK COCKERELS \$3 each, \$2.50 for two or more. Mrs. A. M. Markley, Mound City, Kan.

IF YOU WANT BARRED ROCK COCKERELS from trapnested stock, write your wants to Farnsworth, 224 Tyler St., Topeka.

ARISTOCRAT AND THOMPSON STRAIN Ringlet barred Rock cockerels \$3 each. Mrs. Lawrence Platt, Gridley, Kansas.

WHITE ROCKS, SIZE AND QUALITY. Satisfaction guaranteed. Prices reasonable. G. M. Kretz, Deer Creek, Okla.

PURE BRED BARRED ROCK COCKERELS, Ringlet strain, vigorous, March hatch. \$3. Later hatch \$2.50. Pullets \$1.50. Mrs. Harry Steele, Belvue, Kan.

WHITE ROCKS, EXTRA LARGE FANCY shaped snow white cockerels and pullets for sale cheap. White Ivory strain originated by Chas. C. Fair, Sharon, Kan.

BARRED PLYMOUTH ROCK COCKERELS from high-grade E. B. Thompson hens and pure Thompson males, \$2 and \$3 each. Emma Mueller, Humboldt, Kan., Route 2.

SEVERAL FINE EARLY HATCHED White Rock and S. C. Minorca cockerels \$2 to \$3, or would trade for mature White Rock pullets. Mildred N. Botkin, Burden, Kan.

BRED-TO-LAY, FINE BARRED ROCK cockerels, early, large, hen hatched. Vigorous, well barred, free range birds from heaviest winter layers. \$3 to \$5. Satisfaction guaranteed. Belmont Farm, Topeka, Kan.

RHODE ISLANDS.

PURE BRED SINGLE COMB RHODE Island Red cockerels. The laying strain, \$3 each until January 1. W. A. Lanterman, R. 1, Ellinwood, Kan.

LARGE, DARK, VELVET RED COCKERELS, rose combs, \$2, \$3, \$5 each. Fine Fourbon Red turkey toms, \$6; hens, \$5. Mrs. T. A. Hawkins, Wakeeney, Kansas.

RHODE ISLAND REDS.

R. C. RED COCKERELS, \$2 EACH. A. E. Williamson, Hartford, Kan.

R. C. RED COCKERELS \$3 EACH. L. D. Speenburg, Belleville, Kan.

SINGLE COMB RED COCKERELS, \$2.50 and \$3. Chas. Olsen, Alta Vista, Kan.

PURE BRED DARK SINGLE COMB RED COCKERELS, \$2.50. Edna Knisely, Talmage, Kan.

ROSE COMB RED COCKERELS. PRICES reasonable. Mrs. J. M. Grandie, McCune, Kansas.

THOROBRED S. C. RHODE ISLAND RED COCKERELS, \$2.50 each. Lewis Cooper, Overbrook, Kan.

EXTRA FINE S. C. RHODE ISLAND RED COCKERELS \$3 to \$5. Mrs. O. C. Duprey, R. 5, Clyde, Kan.

DARK RED SINGLE COMB - RHODE Island cockerels, \$3 each. Elmer Harris, Medicine Lodge, Kan.

PURE SINGLE COMB RHODE ISLAND Red cockerels \$5. Fine birds. Mrs. B. J. Herd, Wilmore, Kan.

ROSE COMB RED COCKERELS, AMERICA's leading strain \$2-\$5. Springdale Farm, Eureka, Kan.

SPLENDID ROSE COMB RED COCKERELS \$2.50, \$5. Pullets \$1.50. Lucy Ruppenthal, Lucas, Kan.

SINGLE COMB RHODE ISLAND RED COCKERELS, dark velvet red. A. Surplus, R. 4, Eldorado, Kan.

DARK R. C. REDS - BRED, TYPICAL EGG type, also show points, \$2.50 up. Chas. Sigle, Lucas, Kan.

ROSE COMB RED COCKERELS, UTILITY, \$2.50; extra colored, \$5 up. Chas. D. Williams, Silver Lake, Kan.

SINGLE COMB RED COCKERELS \$3.50 to \$5 up. Satisfaction guaranteed. Thos. D. Troughton, Wetmore, Kan.

LUNCEFORD'S SINGLE COMB QUALITY Reds, cockerels \$2 to \$5 taken now. Sadie Lunceford, Mapleton, Kan.

LARGE DARK RED ROSE COMB REDS, good scoring. Satisfaction guaranteed. Highland Farm, Hedrick, Ia.

BIG BONED, LONG, DARK, VELVET red rose comb cockerels, pullets, bargains. Sunnyside Farm, Havensville, Kan.

FINE VARIETY ROSE COMB RHODE Island Red cockerels, \$2.50 up. Pullets, \$1.50. H. I. Friedline, Alden, Kansas.

ROSE COMB RHODE ISLAND RED COCKERELS, Bean's Strain. Blue Ribbon stock. \$3 to \$5 each. John McCrory, Sterling, Kan.

RHODE ISLAND RED COCKERELS, RICK-secker strain. Extra heavy laying strain. \$2. \$5. Mrs. Nell Kimball, Carbondale, Kan.

SINGLE COMB RHODE ISLAND RED COCKERELS for sale. Fine large boned, good stock. Mrs. M. F. Wright, R. 1, Kiowa, Kan.

FOR SALE - PURE BRED RHODE ISLAND red cockerels \$2.50 each if taken before Jan. 1, 1920. Wm. Ringen, Summerfield, Kan.

FINE SINGLE COMB RHODE ISLAND Reds; cockerels \$2.50; pullets \$18 per dozen. Mrs. Henry Williams, White City, Kan.

ROSE COMB RED COCKERELS, DARK red, large bone, from good layers, \$3 to \$5; pullets, \$3. Mrs. Maude Smith, Alden, Kan.

S. C. RHODE ISLAND RED COCKERELS that characterize true Reds. Will give absolute satisfaction. Mrs. E. S. Monroe, Ottawa, Kan.

EXTRA FANCY SINGLE COMB RED COCKERELS. From prize winning stock. Write me your wants. Chas. Stickley, Lancaster, Kan.

PURE BRED S. C. RHODE ISLAND RED Cockerels, good type, color, and vigor. Some real show birds. Geo. J. Dirks, Greensburg, Kansas.

DARK ROSE COMB RED HEN HATCHED cockerels, two year ancestry from Meyers and Tompkins laying and exhibition strains, \$3.50. Oscar Erickson, Leonardville, Kan.

HARRISON'S FAMOUS "EXHIBITION EGG" Strains. Single and Rose Comb Reds. Show-winning, non-sitting, developed layers. "Red Breeding Bulletins" and mating lists now ready. Robert Harrison, "The Red-man," Lincoln, Neb., Station C.

RHODE ISLAND WHITES.

WHITE ROSE COMB COCKERELS \$2-\$3. Hazel Hensley, Mullinville, Kan.

WYANDOTTES.

WHITE WYANDOTTE COCKERELS \$2.50 and \$5. Nora Elliott, Haviland, Kan.

GOOD SILVER WYANDOTTE COCKERELS. Henry L. Brunner, R. 5, Newton, Kan.

"BEAUTIFUL" SILVER WYANDOTTES, \$3 up. Mrs. Edwin Shuff, Plevna, Kan.

ROSE COMB WHITE WYANDOTTE COCKERELS \$2. Angie Archer, Grenola, Kan.

PURE BRED PARTRIDGE WYANDOTTE cockerels. Mrs. Will Peffly, Melvern, Kan.

ROSE COMB BUFF WYANDOTTE COCKERELS \$2. E. A. Schweizer, Kickapoo, Kan.

PURE BRED WHITE WYANDOTTE COCKERELS, \$2 and \$3.50 each. A. E. Meier, Haven, Kan.

SILVER LACED WYANDOTTE COCKERELS, thorobred, \$2 each. Mrs. Will McEnaney, Seneca, Kan.

COLUMBIAN WYANDOTTE COCKERELS, hens; fancy pigeons, new Zealand rabbits. J. J. Pauls, Hillsboro, Kan.

MARTIN WHITE WYANDOTTES AND Fisher White Rocks, cheap. 290 egg strain. W. H. Koell, Hampton, Ia.

CHOICE ROSE COMB SILVER WYANDOTTE cockerels, \$3. Satisfaction guaranteed. Ethel Woolfolk, Protection, Kan.

PURE BRED WHITE WYANDOTTE COCK and cockerels. Very fine \$2 to \$5 until Jan. 1. Mrs. S. M. Wynkoop, Troy, Kan.

50 ROSE COMB WHITE WYANDOTTE cockerels, from prize winners and splendid layers, \$2 each, or eight for \$15. Large, well matured. Orders filled in turn. J. W. Heinrichsmeyer, Columbus, Kan.

FLOCK'S WHITE WYANDOTTE FARM. Clay Center, Kan. The home of the Henlettas, cocks and cockerels \$5, \$8 and \$10. Yearling hens. \$3 and \$5.

WHITE WYANDOTTE COCKERELS, STEVENS' American and Barron's English laying strains, \$3 to \$6 each. Satisfaction guaranteed. H. A. Dressler, Pinedale Stock Farm, Lebo, Kan.

WYANDOTTES.

SILVER WYANDOTTES - FIFTY HIGH scoring cockerels. The kind with good hock and shank lacings, \$5 each; 2nd choice, \$3. Ralph Sanders, Osage City, Kan.

TURKEYS.

WHITE HOLLAND TOMS \$7. HENS \$4. W. C. Parsons, Barnard, Kan.

WHITE HOLLAND TOMS \$7; HENS \$5. Jerry Brack, Havensville, Kan.

BOURBON TURKEYS, TOMS \$7, HENS \$5. Joseph Wagner, Towner, Colo.

PURE WHITE HOLLAND TOMS, \$8. HENS \$5. Hazel Hensley, Mullinville, Kan.

PURE BRED BOURBON RED TOMS AND HENS. Mrs. John Hime, Manchester, Okla.

NARRAGANSETT TURKEY TOMS \$8. Large strain. Nora Harvey, Wheaton, Kan.

BRONZE TURKEYS FOR SALE. WHITE Stone, the Bronze turkey man, Columbia, Mo.

PURE BRED BOURBON RED TOMS \$8; hens \$5. Elizabeth Leonard, Effingham, Kan.

MAMMOTH BRONZE TURKEYS SENT ON approval. M. E. Kavanaugh, Belleville, Kansas.

PURE BRED BOURBON RED TURKEYS, toms, early hatch, \$5.50. Mrs. S. E. Pearl, Lydia, Kan.

PURE WHITE HOLLAND TURKEYS. Toms, \$6; hens, \$5. Mrs. Will Hopwood, Abilene, Kan.

FOR EXTRA FINE YOUNG MAMMOTH bronze turkeys, write to R. L. Parrott, Osborne, Kansas.

EXTRA FINE PURE BRED NARRAGANSETT, toms \$12; hens \$10. Fred C. Sackhoff, Downs, Kan.

PURE BRED MAMMOTH BRONZE GOLD-bank strain. Toms, \$10; hens, \$7. Pearl James, Keyser, Colo.

PURE BRED MAMMOTH WHITE HOLLAND turkeys. Toms \$7, Hens \$5. D. B. Cooper, Greensburg, Kan.

CHOICE PURE BRED BOURBON RED. Silver strain turkeys, toms \$8; hens \$6. Myrtle Smith, Jewell, Kan.

FULL BLOOD MAMMOTH BRONZE TURKEYS, Goldbank strain, toms \$15; hens \$7. E. Gaughan, Earleton, Kan.

BIG HUSKY GOLDEN COPPERED bronze toms, as fine as grow, \$8. Mrs. Waldo Weaver, Admire, Kan.

LARGE THOROBRED BOURBON REDS, from prize winning stock, toms \$7, Hens \$5. Mary Stielow, Russell, Kan.

PURE BRED NARRAGANSETT TURKEYS. Well marked, big boned. Old and young hens \$7. Toms \$10. J. A. Lahman, Bluff City, Kan.

ONE HUNDRED - FINE MAMMOTH Bronze turkeys. Gold Bank strain from prize winning stock. Toms \$10; hens \$7. Mrs. A. Burg, Lakin, Kan.

PURE BRED MAMMOTH BRONZE TURKEYS, toms \$10; pullets \$8. Old tom weighed 40 lbs., mothers 25 at 18 months. W. A. Newberry, Freeport, Kan.

MAMMOTH BRONZE TURKEYS, TOMS, \$10. Satisfaction guaranteed. Tom from flock whose tom won first at San Francisco National. Mrs. Steve Beason, Coltrier, Kan.

THOROBRED MAMMOTH BRONZE TURKEYS, "Goldbank Strain." May hatch. young toms 25 pounds, \$10, pullets 17 lbs., \$5. Mrs. Chas. Bowers, R. 1, Ellsworth, Kan.

BOURBON RED TURKEY TOMS. ONE old and one young tom. Extra good weighty birds, price \$10-17. Want to buy a real good young tom. F. L. Jennings, Princeton, Kan., Route 3.

PURE BRED MAMMOTH BRONZE TURKEYS raised from 50 pound tom. Large bone, well built toms \$10, hens \$6. Nice Pecans, 200 pound. Mrs. Anna Hopkin, R. 5, Wellston, Okla.

MAMMOTH BRONZE TURKEYS - CHAMPION gold standard strain. Sired by 50 lb. tom, 20-35 lb. hens. From first prize winning stock. Pullets \$7, \$10. Toms \$8, \$25 f. o. b. Dighton. Satisfaction guaranteed. W. H. Streeter, Dighton, Kan.

SEVERAL VARIETIES.

1949 COCKERELS, 49 VARIETIES. FREE book. Aye Brod, Blair, Neb., Box 5.

WHITE PLYMOUTH ROCK COCKERELS. White African Guinea. Large White Holland turkey toms. Chenoweth's White Feather Farm, Gove, Kan.

SINGLE COMB WHITE LEGHORN COCKERELS from prize winners. \$2. White Embden, white and brown Chinese ganders \$5 each. Earl Scott, Belvidere, Kan.

BABY CHICKS DAY OLD, LEADING varieties chickens, ducks, geese and turkeys. Also eggs and stock. Write us today. Address Baby Chick Hatchery, Dept. 17, Hampton, Ia.

ORRILL'S POULTRY YARDS, BREEDER of R. C. Reds, Black Langshans, and Columbian Wyandottes. A few choice Wyandotte cockerels for sale now. E. P. Orrill, Americus, Kan.

100 BROWN LEGHORNS, SINGLE BIRDS, pairs or pens. Exhibition quality at utility prices. Also Langshans, Cochins, Spanish and bantams. Modlins Poultry Farm, Route 7, Topeka, Kan.

PALMERS' STRAIN BLACK AND WHITE Langshan cockerels \$3 to \$5. Anconas and Sicilian Buttercup cockerels \$3 to \$6, pullets \$2.50. Mammouth Bronze toms \$10, hens \$7. Mrs. Elmer Caywood, Raymond, Kan.

POULTRY SUPPLIES.

POULTRY BREEDERS - SEND 4 CENTS stamps for names, reliable formulas. Ceresa Products, 216 West 4th, Topeka, Kansas.

POULTRY WANTED.

SANDWICH HAY BALER OF LATE model in good condition. Col. Warren Russell, Winfield, Kan.

WANTED - FROM ONE TO EIGHT DOZEN early hatched White Leghorn pullets. Mrs. Ernest Newell, Manhattan, Kan.

"THE COPE." TOPEKA, WANT YOUR Guineas, turkeys, other poultry for New Years. Write for prices and coops.

POULTRY - WE ARE BUYERS FOR ALL kinds of poultry and eggs. Get our quotations before selling. Highest references furnished. Witchey Poultry and Egg Co., Topeka, Kan.

International Livestock Show

"The International Livestock Exposition of 1919 probably was the best show of its kind, in point of both numbers and quality, that was ever held in the United States," said Secretary J. C. Mohler of the Kansas state board of agriculture who recently returned from Chicago. "The success of this great show after the many vicissitudes of the past few years, seems to me to point to a bright future for the livestock farmer and the permanent establishment of the purebred breeding industry as a most important factor in the farming operations of all sections of America."

Secretary Mohler was accompanied by his assistant, I. D. Graham, who was assistant chief of the Panama Pacific Exposition at San Francisco and who has attended 15 of the 20 International shows held in Chicago and both are enthusiastic over the magnificent showing made in all breeds on exhibition.

This great show, as well as the American Royal at Kansas City, serves to bring home to the Kansas farmer the need for a means by which this state could be represented before the people of the world. The educational exhibit made by the Kansas State Agricultural college was of a very high degree of excellence and this should have been supplemented by a state exhibit of equal quality such as would have been possible thru a Kansas bureau of publicity.

A Book by John Case Free

Kansas boys and girls know that John F. Case, who first had charge of the Capper Pig Club work, is their friend. He was thinking about them when he first told the "General Jimmie Rabbit" stories to his own small son and later had the book printed so other children could enjoy the stories, too. This book may be obtained free with one year's subscription to the Kansas Farmer and Mail and Breeze by sending \$1 and saying "I desire the Jimmie Rabbit book." Either new or renewal subscription accepted. It will please you and the children will enjoy it. Send today.

Poultry Short Course

A Short Course in Poultry Keeping will be given at the Kansas State Agricultural college February 2 to 6, inclusive, 1920.

The subjects of culling, breeding, judging, feeding, incubating and rearing will be carefully considered. The judging work will be in charge of G. D. McClaskey and George Hackett, both well known and experienced judges. The work of culling, breeding, feeding and general management will be handled by the members of the staff of the department of poultry husbandry. There will be no fees. The cost to each person will only be traveling and living expenses. Detailed announcement of the program will be sent on application. Address Poultry Department, Kansas State Agricultural college, Manhattan, Kan.

Bacon—Did you ever notice how the Swiss cheese looks down upon the American variety?

Egbert—Why, no, I have not.

Bacon—Haven't you happened to notice on the part of the Swiss cheese that "holier than thou" look?—Yonkers Statesman.

If a metal button is attracted to a magnet, one can be sure that such a button will rust in the wash.

THE STRAY LIST.

TAKEN UP—BY HARRY SCHLEHUBER, of Durham, Marion county, Kansas, on the first day of May, 1919, one heifer, red with white face, V on left ear, weight 350 pounds, O. V. Heinsohn, County Clerk.

TAKEN UP BY WM. H. GINGLES, OF Clifton, Sheridan Township, Washington County, Kansas, on the 17th day of Oct., 1919, one heifer, red, height 3 ft. 2 inches, branded dark red, appraised at \$20. L. E. Sawin, County Clerk.

TAKEN UP—BY L. O. HUNT, OF RAGO, Valley Township, Kingman County, Kansas, on the 4th day of November, 1918, two Holstein steer calves, color black and white, a silt on both ears of each. Appraised at \$18 each. Geo. A. Howe, County Clerk.

TAKEN UP—BY MILTON A. MOREY OF Edson, Washington Township, Sherman county, Kansas, on the 29th day of October, 1919, one gelding, brown, spot on face, weight 900 pounds, appraised at \$40; one mare bay, spot in face, white right hind foot, weight 800 pounds, appraised at \$40; one horse, bay bald face, white right hind foot, weight 500 pounds, appraised at \$20. Doris Soden, County Clerk.

Real Estate Market Place

Real estate advertisements on this page (in the small type, set solid and classified by states) cost 65 cents per line per issue. Send check, money order or draft with your advertisement. After studying the other advertisements you can write a good one and figure the cost. About six and a half words make an agate line. Count initials and numbers as words. There are 7 Copper Publications totaling over a million and a quarter circulation and widely used in this advertising. Ask us about them.

Special Notice

All advertising copy discontinuance orders and change of copy intended for the Real Estate Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication.

KANSAS

LAND BARGAINS—Write for my large list. Jess Klesner, Garden City, Kansas.

BEST FARM BARGAINS for sale in S. E. Kansas by G. W. Meyer, Fredonia, Kan.

WELL IMPROVED FARMS, \$85 to \$125 per acre. I. N. Compton, Valley Falls, Kan.

203 ACRES, imp., 40 wheat goes, \$112.50 a. Terms. Bert W. Booth, Valley Falls, Kan.

BARGAINS in farms and ranches. Write for list. Klingberg & Skinner, Osage City, Kan.

BARGAINS. Bargains in wheat farms and stock ranches. Write for list. W. R. McAdams, Brewster, Kansas.

FOR SALE—Good farms from \$80 to \$125 per acre. Call on, or address, O. C. Paxson, Meriden, Kansas.

EASTERN KANSAS FARMS. Large list Lyon and Coffey counties, for sale by Ed. F. Milner, Hartford, Kan.

CARY & HOARD, Real Estate Exchange and Loan Agent. Ranches a specialty, sold on commission. Phone 13, Anthony, Kansas.

WE HAVE a good list of Kaw bottom and upland farms that are worth the money. Wilson & Clawson, Lawrence, Kansas.

WE DON'T OWN THE WORLD, we sell it. Write for farm list and pictures. Kansas Land Company, Ottawa, Kansas.

FOR SALE—All kinds of farms in N. E. Kan. Send for printed list. Silas D. Warner, 727 1/2 Commercial St., Atchison, Kan.

WRITE for our free list of eastern Kansas farms and ranches for sale. The Eastern Kansas Land Co., Quenemo, Kan.

HAMILTON AND STANTON county lands, \$8 up. Write me your wants. Tomson, Syracuse, Kansas.

160 ACRES, 4 miles from town, good house, 7 rooms, good barn, other outbuildings. 80 acres wheat, balance grass. Price \$85 per acre. LeRoy Realty Co., LeRoy, Kan.

66 ACRES, imp., 20 alfalfa bottom land, bal. timothy and plow land. Living water; some timber; 3 mi. town. Good buy. Box 54, Colony, Kansas.

1,400 ACRES, mile town, 3 dwellings, large barn, creek water, plenty grass, lots of bottom alfalfa land, for sale cheap. Box 72, Colony, Kansas.

FOR SALE—Improved 40 acres just outside of city limits of Ottawa, Kansas. Priced to sell. Write for complete description to H. H. Cowan, Ottawa, Kansas.

FOR SALE—Two good farms and a new blacksmith shop fully equipped and a money maker. C. E. Francis, Neosho Falls, Kansas.

200 A. 2 miles Westphalia, Kan. Good house, large barn, 80 a. cultivation, 20 A. wheat, rest pasture and mow land, terms. W. G. Beissel, Westphalia, Kansas.

2 A. LOT, alfalfa, 5 room house, cellar, barn, chicken houses, good well, 1/4 mi. from Cleburne, high school, \$1600. 38 a. for sale. Joining. E. H. Erickson, Osburg, Kansas.

560 ACRES, adjoining county seat, well improved, 400 acres of fine wheat. Price seventy-five dollars per acre, good terms. Will accept part trade. Justin T. Avery, Traer, Decatur County, Kansas.

40 ACRES, one mile from town, high school, large Catholic church, good Parochial school, 4 room house, small barn, 20 acres farm land, 20 acres pasture. Price \$85 per acre. W. J. Polre, Westphalia, Kansas.

80 ACRES, good improvements, all Kaw valley bottom land; 30 acres alfalfa, 18 acres wheat; 1/4 goes; balance for corn. Near St. Marys. Price \$250 per acre. Write J. M. Conlan, St. Marys, Kan.

GOOD SOUTHEASTERN KANSAS FARMS For sale on payments of \$1,000 to \$2,000 down. Also to exchange for clear city property. Address The Allen County Investment Co., Iola, Kan.

50 ACRES, 7 miles Ottawa, 6 room house, with furnace, barn, other outbuildings, fruit, all tillable, some bottom, \$150 acre. Write for list of farms. Bridwell-Gilley, Ottawa, Kansas.

FOR SALE—160 acres of land; 35 acres fenced and watered pasture and hay; balance in fine crop of wheat, two miles from Lindsay, Ottawa Co., Kansas, four miles from Minneapolis, county seat. For price and terms address, M. E. Richard, Gettysburg, Pa.

NESS COUNTY, KANSAS, LANDS Good wheat, alfalfa and ranch lands at bargain prices. Several excellent ranches. Write for price list, county map and literature. FLOYD & FLOYD, Ness City, Kan.

RENO CO. IMPROVED SECTION FOR TRADE. 630 acres, 200 acres in cultivation, balance pasture and mow land, all fenced and cross fenced, 5 room house, new barn 40x50 with large mow, other good imp. The price is only \$50 per acre. Will take 1/2 of the price in trade and balance must be cash or mortgage. Here is a real opportunity. Write today. V. E. West, 402 First National Bldg., Hutchinson, Kansas.

KANSAS

OWNER LEAVING STATE says sacrifice. 240 acres. Well improved, fine soil, \$50. \$3,000 will handle. Liberty bonds taken. Chase Agency, Severy, Kansas.

I WOULD rather invest in Wallace county, Kansas, land right now than anywhere I know of. Come and see for yourselves. Live agents bring your men. I show good stuff. A. H. Wilson, Sharon Springs, Kan.

IMPROVED 160 ACRES—\$3,250, only \$750 cash, bal. easy terms. Small house, barn, well, fence, half in crop, 11 miles from Liberal. No trades. Write owners. Griffith & Baughman, Liberal, Kansas.

A FINE RANCH—600 acres near town, 200 plowed, 160 Neosho River bottom, 400 acres best blue stem pasture, 60 alfalfa, 60 wheat. Modern 8 room house, large barn, \$80 per acre. T. B. Godsey, Emporia, Kansas.

WE HAVE well improved, highly productive farm land, laying nicely, and in thickly settled neighborhood, at \$50 to \$75 per acre. Also some good ranches. Write us what you are interested in. Couch Land Company, Anthony, Harper County, Kansas.

A WHEAT FARM BARGAIN—160 acres all under cultivation, close to market, only \$4000. Also 600 acre farm, 450 acres under cultivation. \$25 an acre. Write Jas. H. Little, La Crosse, Kansas.

320 ACRES, 75 mi. S. W. of K. C. in Linn County, Kansas. Well improved, 160 A. pasture, 125 A. cultivation, 30 A. mow land, 3 mi. to R. R. town, no waste land. \$75.00 per acre. Reasonable terms. J. F. Rosell, Owner, Selma, Kansas.

800 ACRES, half bottom alfalfa land, best of soil, 600 acres good wheat, all goes; eight flowing artesian wells near, in same valley. 320 ton cement silo, 12,000 bushel granary, well windmill. Price \$65 per acre. ROSA & UFF, Spearville, Kansas.

THE BEST LAND to be found anywhere for the money. Farms from 40 acres up to 640, creek and river bottom and upland at prices cheaper than anywhere in the world for same kind of land. Come and see for yourself or write. R. E. Johnson, Hartford, Kansas.

FOR RENT FOR CASH. 800 acres, 12 miles from Ashland in Clark Co., Kansas, about 200 acres cultivated and 600 in grass, improved, fenced and cross fenced, water and mill, good one man stock proposition. \$1000 per year beginning in the spring. G. C. Eby, Ashland, Kan.

The Bargain Counter Right here at Winona is the high spot in value and the low spot in price. Come and see. Improved farms and ranches, grain, alfalfa and grass lands. We own or control our bargains. THE BROOKE LAND & TRUST COMPANY, Winona, Kansas.

Splendid Bottom Farm 192 acres, Lyon Co., Kan. 4 miles town and shipping point on main line Ry. 125 acres of the very best non-overflow, no waste, creek bottom alfalfa land in cultivation, balance extra good grass. Good 9 room house, barns, cribs, corrals, scales, etc., abundance fine water, 20 acres alfalfa, plenty of fruit, 40 rods to graded school. For a real farm and home you cannot beat this one, is worth \$150 an acre, but only \$22,500 buys it. E. B. MILLER, ADMIRE, KANSAS.

FOR SALE AT 25 DOLLARS PER ACRE 1,400 acre ranch, 1 mile running water, never failing. Some alfalfa growing, 200 acres hay land, 400 acres broke for farming, balance fine pasture; new 7 room house. Fair outbuildings; fenced and cross fenced. This ranch is in Wallace county, Kan., bordering on Kit Carson county, Colorado, 17 miles from Burlington, Colo. Nelson Bros., Sharon Springs, Kan.

80 ACRES OSAGE CO., Kan., 2 miles town on county road, 1/2 mi. school, 2 mi. high school, 42 acres farm land, 18 acres alfalfa, 30 a. pasture, deep black loam soil. Plenty water, good 6 room house, barn 30x50, other buildings. Price \$9500. Terms. 160 acres Osage Co., 6 miles town, 70 acres farm land, 30 acres alfalfa, balance pasture, 50 acres wheat, plenty water, 6 room house, barn 36x42, other bldgs. Price \$85 per acre. Terms. The Eastern Kansas Land Co., Quenemo, Kan.

SOUTHWEST KANSAS is developing fast. Farmers are making good profits on small investments. It is the best place today for the man of moderate means. You can get 160 acres for \$200 to \$300 down, and no further payment on principal for two years, then balance one-eighth of purchase price annually, interest only 6%—price \$12.50 to \$20 an acre. Write for our book of letters from farmers who are making good there now, also illustrated folder with particulars of our easy purchase contract. Address W. T. Oliver, Santa Fe Land Improvement Company, 404 Santa Fe Bldg., Topeka, Kansas.

LYON and CHASE CO. is the place to buy farms. The best land for the money to be had anywhere. Farms from 80 to 1,440 acres. Plenty of creek and spring water, and bluestem grass. Alfalfa, wheat and corn land. Will Ablin, Saffordville, Kan.

FOR SALE 320 A. pasture. \$35 A. 2 mi. of railroad, well watered. 160 A. \$80 A. smooth, 1 1/2 mi. of Eureka, well imp., 75 A. wheat, 60 A. pasture, on main auto road. 314 A. \$85 A. 2 mi. of high school town, 160 A. first bottom, well imp. 60 A. wheat. 115 A. \$100 A. Well imp. 40 A. alfalfa, 3 mi. of high school town. J. W. Sturgeon, Eureka, Kansas.

Fine 80 Acre Farm 3 miles Ottawa, Kan., 56 miles Kansas City, all fine tillable land; 15 acres blue grass; 25 acres wheat; 7 room house; natural gas; good barn; never failing water; County Highway; R. F. D. telephone. Possession at once. Good terms if wanted. 80 acre farm 4 miles Princeton, Kansas, 12 miles Ottawa. Brand new improvements; all fine land; price \$125 per acre; \$2500 or more cash, remainder good terms, if wanted. CASIDA & CLARK LAND CO., Ottawa, Kansas.

For Sale Stock Farm 501 acres 7 miles Lawrence, 3 1/2 station Santa Fe. 120 acres cultivation, 50 acres wheat, 1/4 delivered at station, 380 acres pasture, 20 acres alfalfa; some timber. 7 room house, new barn 60x60, buildings No. 2, 4 room house, hay barn 24x60, shed attached 20x60. 120 acres 6 1/2 Lawrence, 1 1/2 station main line U. P. 30 cultivated, 15 alfalfa, 55 pasture, 20 meadow, 4 room house, barn 30x40, other outbuildings. Price \$64 per acre. Hosford Investment & Mortgage Co., Lawrence, Kansas.

120 ACRES, 4 miles to town, Rural High school, 6 room house, new and good, small barn, good water. Land lays well, 80 acres cultivation. Immediate possession. \$100 per acre. Write for list of other good farms. Dickey Land Co., Ottawa, Kansas.

BANNER CORN COUNTY OF KANSAS. Norton County, Kansas, corn making 40 to 65 bushels to the acre. Good farm land selling at \$40 to \$65 per acre. Special bargain in 240 acre farm, improved, 4 miles out at \$30 per acre. Write today for bargain land list. E. E. Jeter, Land Merchant, Lenora, Kan.

5 SMOOTH QUARTERS. BEST OF SOIL. Abundance of sheet water. Splendid investment. \$17.50 per acre. Terms. Live agents wanted. Carter Realty & Abstract Co., Leoti, Kansas.

80 ACRES, 4 miles town; 5 room house; barn; other outbuildings; well watered; family orchard; 1/2 cultivation; all tillable. Bargain \$7,200. Terms. Mansfield Land & Loan Co., Ottawa, Kan.

BEST BUY IN JEFFERSON COUNTY 320 acres, 8 room modern house, large barn, garage, double granary, etc. 140 acres clover and bluegrass, 12 acres alfalfa, 40 acres in corn, balance in small grain. Watered by springs. 4 miles from town on R. F. D. 40 miles from Kansas City. Price is only \$150 per acre. If you want to buy a farm of any size come and see me. Benj. J. Griffin, Valley Falls, Kan. Phone 34.

CHOICE ALFALFA LANDS. Alfalfa is the money making crop. 320 acres mostly bottom improved at \$85 per a. 160 acres all tillable, well improved at \$75 a. 200 acres, 140 acres choice alfalfa land at \$75 per acre. 350 acres part alfalfa land at \$40. You should buy one of these bargains before they are gone. Farms all sizes and prices. Write me your wants. I can supply the farm that will suit you. M. T. Spong, Fredonia, Kansas.

4,500 ACRE RANCH, Harper and Barber Co. Six miles of running water, 100 never failing springs, good grass, never been overstocked, owner's house, 3 farm houses, granaries, barns, sheds, garage shop, windmills, fenced, hop lots and houses, corrals, etc. A bargain at \$30 per acre. 1,440 acres Comanche county, 7 1/2 miles from Sun City. 900 acres in cultivation, two sets of good improvements, fenced, heavy black loam soil. Windmills, tanks, etc. Price only \$50 per acre. John Ferriter, Wichita, Kan.

ARKANSAS WRITE TOM TETER, SHERIDAN, ARK., for bargains in good farms.

DOWELL LAND CO., Walnut Ridge, Ark. Fine corn lands, easy terms, plenty rainfall.

WRITE TOM BLODETT, Pine Bluff, Ark., for land bargains that will double in value.

OZARK Cream-Stock Farms, Fruit Farms, Berry and Vegetable Tracts. Hunsaker, Decatur, Ark.

FOSTER REAL ESTATE COMPANY, Gravette, Arkansas. Leaders in farm and town property.

I OWN TWO improved farms, 160 and 120 near town, good roads, mail route, all smooth and tillable, \$30 and \$40 per acre. J. Oswalt, Gravette, Ark.

FREE GOVERNMENT land, 200,000 acres in Ark., now open for homesteading. Send 65c for township map of state and copy Homesteaders Guide. Farm-Home Co., Little Rock, Ark.

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

SOUTHWEST ARKANSAS—Unusual bargains in low priced farms with comfortable buildings for \$10 to \$50 per acre on good terms. Send at once for copy of our large farm bulletin with complete descriptions of farm bargains. Stuart Land Co., DeQueen, Ark.

FREE illustrated booklet of No. Arkansas now ready. Great stock and fruit section. Spring water everywhere. Grow everything but tropical fruits. Healthful. Lowest priced productive lands left in U. S. Address, Lobs & Seward, Mountain Home, Ark., Immigrant Agents for Baxter County.

COLORADO IN THE RAIN BELT, Southern Colorado. Deeded land \$5 to \$15 per a. Write J. D. Donnelly, Flies, Colorado.

EASTERN COLORADO farms and ranches, all sizes. For further information, write, J. W. Triplett & Son, Yuma, Colo.

640 ACRES partly imp. good wheat land, good pasture, running water, timber, near station. \$17.50. J. G. Dick, Mabel, Colo.

Best Lands The best closest priced lands in Kiowa and Cheyenne counties, Colo. 160 to 5,000 acre tracts, raw and improved, \$17 to \$35 per acre. Best climate, soil. Do not pay there or four commissions to be brought there. Own most of what I offer. Write or come now. E. T. Cline & Sons, Brandon, Colo.

Read This If you want some of this Eastern Colorado land now is the time to buy, your opportunity for getting in on these cheap prices is fast passing, better grab some of it now while the getting is good. Write for folders and terms. WOLF LAND COMPANY, Yuma, Colo. Offices at Burlington and Stratton.

A Real Bargain in Irrigated Land Just one of the many farms we are offering on the Costilla Estates in Southern Colorado. 315 acres, 2 miles south San Acacio. Smooth land with permanent water right. Good 6-room house, electric lights in house and outbuildings; fine barn, well and windmill, good outbuildings, feed corrals, tenant house. 95 acres in alfalfa. Substantial cash payment; balance on long time. \$110 per a. Write for further information to Costilla Estates Dev. Co., San Acacio, Colorado.

REAL ESTATE AUCTION 3156 Acres of Bluegrass and Corn Land, Divided into Smaller Ranches Monday, December 29, 1919

LOCATION—75 miles from Kansas City, Mo., 2 miles of Williamsburg, Kan., on the branch line of the A. T. S. F. and on the Santa Fe Trail.

SOIL—A Black sandy loam, limestone, free from gumbo and hardpan.

CROPS—Wheat, oats, corn, alfalfa, clover, timothy, bluestem.

IMPROVEMENTS—A number of barns and outbuildings. Well watered.

TERMS—1/4 on day of sale, remainder 5 years at 6 per cent. Possession March 1st.

ADDRESS OWNER OR AUCTIONEER FOR COMPLETE DETAILS.

D. H. HUDSON, Williamsburg, Kansas

FRED L. PERDUE, Auctioneer, 320 Denham Bldg., Denver, Colo.

COLORADO

WRITE THE ERWIN LAND COMPANY, Burlington, Colorado, for information and prices on Kit Carson, Cheyenne and Kiowa county lands.

50 IMPROVED eastern Colorado farms for sale at bargain prices; terms; information and literature on request.
Frank Sutton, Akron, Colo.

EASTERN COLORADO. Irrigated farms. Any size, ranches and upland farms. Write for list.
C. A. Quimby, Granada, Colorado.

IRRIGATED small tracts and farms produce sure and paying crops. We have them at Rocky Ford, Colo. Write.
Wm. C. Steele, Rocky Ford, Colorado.

WASHINGTON COUNTY, eastern Colorado, crop producing lands, \$40 to \$80 per acre, none better, ideal climate, good water. Write us for particulars, or see us. The Co-Operative Investment Co., Otis, Colo.

320 ACRES, imp., 120 cult., bal. pasture. Plenty good water; 14 miles from town. \$22 a., \$1,000 cash, \$2,000 March 1st, balance 3 years at 5%.
Lamb Realty Co., Vona, Colo.

EASTERN COLORADO and Western Kansas land. Farms, ranches and investments. Tracts of 160 to 2500 acres. Our prices from \$12.50 to \$30 per acre.
Barnes & Doty, Towner, Colo.

FARMS AND UNIMPROVED land for sale. Do you want a home of your own, where you can grow good crops of corn, wheat, milo and other forage plants? Write to The Western Realty Company, Hads, Colo., for information. **H. A. Long, Manager.**

320 ACRES TWO MILES FROM RAYMER, and high school, northeast part of Colorado. In wheat belt on Pawnee creek. Plenty water, good grain or stock farm. \$30 per acre if sold at once. **W. M. Reynolds, 97 City Hospital, Lockport, N. Y.**

HASWELL DISTRICT of eastern Colorado, the garden spot of the state. We own our own land and guarantee delivery. If you have never seen this district, which is largely shallow water, by all means look it over before buying elsewhere. Write us.
CHARLTON-HOPEWELL LAND CO., Haswell, Colorado.

LANDS ARE rapidly advancing here. No other district has such a future ahead of it. A farm bought now, will be worth double in a few years. Let us show you what we do for those who buy from us. Let us show you the experience of those who have been here a few years. We sell our own lands, and can offer good farms with or without growing wheat. For further particulars write, **Wagner Realty Co., Akron, Colo.**

CALIFORNIA

AN OPPORTUNITY for energetic farmers in the only United States government irrigation project in California, located at Orland. No hardpan; no alkali; no killing frosts; rich deep soil; land cheap; water cheap and in abundance; easy terms; no crop failures. For information and free descriptive literature write, **George E. Nygaard, 323 First National Bank Bldg., Orland, Cal.**

FLORIDA

CHEAPEST GOOD LANDS IN AMERICA Your chance to select from thousands of acres in south-central Florida highlands, splendid orange, garden, general farming, cattle and hog lands, wholesale prices, terms or exchange. **Florida Good Homes Co., Scarritt Bldg., Kansas City, Mo.**

MISSISSIPPI

WRITE for free Mississippi map and land list. **Land Market, Box 843, Meridian, Miss.**

MISSOURI

OUR BIG new list for the asking. **Amoret Realty Co., Amoret, Mo.**

VALLEY FARMS—Fruit and berry farms. Write, **Chambliss & Son, Anderson, Mo.**

FOR BIG FARM LIST, just out, write, **Baker Investment Co., Mountain Grove, Mo.**

LET ME KNOW what you want in farms or town property, phone lines or merchandise and I will let you know what I have.
S. S. Tillery Realty Co., Humansville, Mo.

304 ACRES 2 1/2 MI OF R. R. town; Vernon Co., Mo. Three sets of improvements, 85 acres creek bottom; no overflow. Terms to suit. \$48 per acre.
W. H. Hunt, Schell City, Missouri.

160 ACRE FARM, Henry Co., Mo., good house and barn, plenty of water, 110 acres plow land, the rest pasture, no timber. Price \$60 per acre. Mortgage \$4540. Address **J. W. TREDWAY, Stillwell, Kansas.**

FOR SALE—320 a. 270 tillable, balance timber and pasture. 4 1/2 miles from town, 1 mi. school; 6 room house, 2 barns, 2 drilled wells. Farm well fenced. Farms adjoining sold for \$110 and \$135. For quick sale, \$100 next 10 days.
Clarence Wright, Perry, Missouri.

TWO SPLENDID FARMS 325 acres, 75 valley, all fenced, large barn, good dwelling, running water, \$14,000, cash \$5000, annual payments.
125 acres, 70 valley, 25 wheat included, very fair imp., running water. Our best. \$6750, terms. For particulars
Chambliss & Son, Anderson, Missouri.

Good Bottom Farm

210 acres, near Fortescue, extreme Northwest Missouri. New house and barn. This land is choice corn and alfalfa land. Price \$112.60 per a. Long time on part. Address **M. W. Connelly, White Cloud, Kan.**

MISSOURI

DO YOU WANT a home in South Mo.? Write **Stephens & Perry, Mountain Grove, Mo.**

CITY PROPERTY, farms, ranches, sale or exchange. Write, **Roy & Stephens, Mansfield, Mo.**

FREE—All about the Ozark country, map and list of cheap lands.
Durnell Land Company, Cabool, Mo.

IF YOU WANT a large or small prairie or timber farm, pure spring water, no crop failures, write **J. E. Loy, Flemington, Mo.**

IMPROVED FARMS—40, 80, up 300 acres; prices \$20 to \$65; write your wants. **Fellers Realty Co., Flemington, Polk County, Mo.**

154 ACRES, all fenced, 5 room house, barn, 80 acres bottom, fine land, price \$5,500, only, \$1,000 down. **Tom King, Weaubleau, Mo.**

GET OUR SPECIAL bargain list on small homes. Have desirable farms any size. **Houston Realty Co., Houston, Mo.**

REAL BARGAINS in Mo. farms; write for illustrated booklet and list.
E. L. Fresson, Bolivar, Mo.

ATTENTION FARMERS—Improved farms in southwest Missouri, \$25 to \$50 per acre. Write, **Frank M. Hamel, Marshfield, Mo.**

3,700 ACRES, good timber, plenty water, \$7.50 per acre. Farms of all sizes.
Douglas Co. Abst. Co., Ava, Mo.

POOR MAN'S CHANCE—\$5 down, \$5 monthly, buys 40 acres productive land, near town, some timber, healthy location. Price \$200. Other bargains. Box 425-O, Carthage, Mo.

NEW YORK

NEW YORK state farms. Write for complete list of farms for sale. We have a size, location and price to please you. Stock and tools included on many of them. **Mandeville Real Estate Agency, Inc., Olean, N. Y.**

NEBRASKA

HITCHCOCK COUNTY, Nebraska, lands are the best buy in the United States today. Ask **A. R. Smith, the Land Man, of Culbertson, Nebraska,** about them.

LINCOLN COUNTY ranch lands, 9 miles from Sutherland. One to five sections sold blocked, partially tillable. Priced right. Terms easy. Some trade. Write the owner.
John W. Baughman, Liberal, Kansas.

OKLAHOMA

GET MY NEW LIST of farm home bargains in Dewey and Blaine counties, Oklahoma.
L. Pennington, Oakwood, Okla.

FOR SALE—Farms in Eastern Okla. Soil here is as fertile as any in U. S. Have 44 in. annual rainfall. Improved farms from \$30 to \$50 per a. Write us your wants.
Southern Realty Co., McAlester, Okla.

\$20 TO \$60 PER ACRE. Fine wheat, oats, alfalfa, corn and cotton lands. Write for free illustrated folder.
E. G. Eby, Wagoner, Okla.

A BIG VARIETY of low priced farms in Latimer county, Eastern Oklahoma. 35 inch rainfall. Write for illustrated U. S. government booklet on Oklahoma.
J. Poe, Wilburton, Oklahoma.

QUALITY FARMS in a good section of Eastern Oklahoma. Write us for prices and government booklet on farming in Oklahoma.
HURT & HOBSON, First National Bank Building, Checotah, Oklahoma.

160 ACRES 6 miles out, on state road, R. F. D., 1/2 mile of school, 120 acres in cult., 100 acres to wheat, 40 acres prairie pasture, rich dark soil, grows best of wheat and corn, lies well, all fenced, 3 room house, barn, granary and other buildings, pure soft water. Price \$8000, half cash. Free list and map of Oklahoma.
De Ford & Cronkrite, Watonga, Oklahoma.

EASTERN OKLAHOMA improved lands, \$50 to \$150. Raw or grazing lands at less. Lots of farms produced crops this year worth \$50 to \$100 an acre. According to U. S. Department of Agriculture, Oklahoma leads the United States in composite crop conditions for 1919. Land prices are sure to increase. Write us what kind of farm you want and how much you have to invest. We will tell you who has the farm for sale and will send you a handsomely illustrated United States government booklet that tells the facts about Oklahoma farming. **Farm Bureau, Care of Industrial Department, M. K. & T. Railway, Room 318, Dallas, Texas.**

WRITE US

what kind of a farm you want. Our land is in Northeastern Oklahoma where markets, schools, rainfall and social conditions are good. We can please you.
HULING & HULING, Masonic Building, Bartlesville, Oklahoma.

One Thousand Farms

In all parts of Oklahoma, wonderful opportunities and bargains in farms, ranches, oil lands and business properties. Oklahoma farm lands will advance fifty per cent in next two years. Time to buy now. Information on return mail.

Bonded Securities Company

702 Oil Exchange Bldg., Oklahoma City, Okla.

OKLAHOMA LANDS

Come to Oklahoma and enjoy prosperity, good health and a nice place to live. We have had fifteen years experience handling lands and can find just the farm you want. We are also in the farm loan business and can lend you part of the purchase price. Write us for booklet and descriptive circulars.
CULBERTSON & TOMM, 208 North Third St., Muskogee, Oklahoma.

Good Dairy Barns Needed

(Continued from Page 15.)

water from a good well on elevated ground and away from all dangerous sources of contamination. The top of the well should be provided with watertight metallic or concrete covers to prevent the entrance of impurities into the shaft.

The success of keeping a cow clean in the stall will depend largely upon having the platform floor of proper length. This may vary from 4 feet 6 inches to 5 feet, according to the size of the cows. Many dairymen put a wooden platform on top of the cement floor and find this arrangement of considerable advantage. A cement platform should have a depression of 1 inch deep and 14 inches wide next to the tie or stanchion. The surface of this depression should be slightly fluted in order to prevent the cows from slipping to their knees while reaching for their feed.

Another important matter is the handling of the manure from the dairy barn. This is valuable fertilizing material and none of it should be permitted to go to waste. Plenty of litter

should be used to absorb the urine and all liquid manure. This also will help to check the fermentation of the manure and the resulting loss of ammonia and other volatile elements. The litter and the manure should be loaded in carriers and conveyed outside to a concrete manure pit or tank where it can be kept until it is convenient to haul the material out on the farm and distribute it over the fields with a manure spreader.

There are many good types of carriers now that can be purchased for very reasonable prices. The pit should be some distance from the barn, but not too far away. A tile drain may be laid from the barn to the pit for draining off the urine from the gutters. The top of the pit should of course be covered to prevent the escape of odors. However, when sufficient bedding can be had a good plan is to load the manure directly into the manure spreader each morning and distribute it where needed. A small amount of gypsum sprinkled on the moist manure will help to fix the ammonia and prevent its escape. It also will help to keep down odors. The overhead track carrier found in many modern barns makes the matter of loading the spreader an easy task.

A Silo is Essential

The dairy barn would scarcely be complete without a good silo. While it is more convenient to have the silo near the center of the barn many dairymen prefer to place it at the end of the barn. Wooden stave, cement stave, brick, metal and concrete silos may be used according to the means and demands of each dairyman. Any kind of silo is a good silo if it is what you desire and will care for properly. Concrete and metal are very durable, but their cost often is more than some dairymen and farmers can afford at first. The wooden stave silo is the cheapest and for that reason is found on many farms. The cement stave silo is not so expensive as a concrete silo and at the same time is just as durable and satisfactory when properly constructed. Many metal silos also are in use, and are proving satisfactory.

One of the difficult problems of the dairyman is to have plenty of green succulent feed thruout the year for his dairy cows. Thru the use of the silo and the growing of good silage crops this problem is greatly simplified and the profits of the dairymen are correspondingly increased. Better barns, better silos, and better dairy equipment with better dairy cattle will help to make dairying a more profitable business.

Grangers Hold State Meet

(Continued from Page 14.)

of a comprehensive system of hard surface roads, but upon a cash basis and not by issuing state bonds.

We oppose any weakening of the commission merchant's law.

We favor the strengthening of the Anti-Discrimination law.

We oppose any system of pension or insurance for any civil or professional class paid for in part or in whole by the public.

Fair Treatment Demanded

The professional man with small interest in and a superficial knowledge of farm conditions and farm problems is not the one to speak for the farmer in economic or industrial affairs, but rather the actual farm operator in direct sympathetic touch with farm affairs, ideas, and efforts.

We do not favor Congressional and other investigations tending to reduce the cost of agricultural products, which do not at the same time call for a proportional reduction in the cost of all processing and distribution to the ultimate consumers.

Most of the points covered in the foregoing were discussed in detail by State Master Needham, in his annual report given at the State Grange convention. In a later issue the outstanding features of this address by the master will be given.

Pelts Attract Trappers

"This year's season's report of the London fur sales give a higher quotation on practically all pelts than those of last spring. This report has caused a heavy increase in the number of hunting licenses taken out this year in all states. The value of pelts makes the sport remunerative as well as attractive. The outdoor life is one rarely given up by the seasoned hunter and trapper," says the Hunter-Trader-Trapper, of Columbus, Ohio.

Never envy the man who has lived on his wife's money. He probably earned it.

OKLAHOMA

WRITE US for prices on good wheat, alfalfa and ranch land, 80 a. to 3,000 a. **E. M. Dempsey, 124 1/2 West Randolph, Enid, Okla.**

GOING TO BUY A FARM? Write me what you want. I can please you with quality and prices.
T. C. BOWLING, Fryor, Oklahoma.

160 ACRES practically level, fair improvements, splendid wheat, cotton, kafir corn land, 4 miles County Seat, 5,000 people. \$10,000. 160 modern improvements, worth \$8,000. 80 acres bottom, \$16,000.
Robert Knie, Cordell, Oklahoma.

TEXAS

INVESTIGATE our Panhandle lands and bumper crops instead of paying rents almost equal to our selling price. Write today.
J. N. Johnson Land Co., Dalhart, Texas.

SALE OR EXCHANGE

OWNERS of farms and other property for sale or exchange write me.
Henry Sholl, Watertown, Wisconsin.

IF YOU WANT to sell or exchange your property, write me.
John J. Black, 75 St., Chippewa Falls, Wis.

TO RENT OR LEASE

WANTED TO RENT—A farm of 160 acres or more, preferably with some alfalfa on it and also with fair improvements. Must be good corn ground, Sedgwick, Kansas.
F. O. Benson, Sedgwick, Kansas.

MISCELLANEOUS

WANTED TO HEAR from owner of good farm for sale. State cash price, full description.
D. F. Bush, Minneapolis, Minn., 1E.

I HAVE cash buyers for salable farms. Will deal with owners only. Give description, location and cash price.
James P. White, New Franklin, Mo.

EASTERN COLORADO and western Kansas land. Buy direct. Prices from \$10 to \$30 on easy terms. Agents wanted. Write for my confidential proposition.
F. L. Hammitt, Towner, Colo.

PRODUCTIVE LANDS—Crop payment on easy terms. Along the Northern Pac. Ry. in Minnesota, North Dakota, Montana, Idaho, Washington, Oregon. Free literature. Say what states interest you. **L. J. Bricker, 81 Northern Pacific Ry., St. Paul, Minn.**

HANDLE MORE BUSINESS? Are you getting all the business you can handle? If not get big results at small cost by running a classified ad in **Capper's Weekly**. The Great News Weekly of the Great West with more than a million and a quarter readers. Sample copy free for the asking. Only 8c a word each week. Send in a trial ad now while you are thinking about it.
Capper's Weekly, Topeka, Kan.

196 Acres, with Stock and Tools, \$5000.

In fine farming section, few hours one of leading cities of U. S., near good town. Fertile tillage, has produced 160 bu. corn, 250 bu. potatoes per acre; spring-watered pasture estimated 2000 cords hardwood, 13-room house, large stock barn, wagon, barns, corn houses, etc. Owner includes pair good horses, 6 cows, bull, much other stock, complete list farm tools; \$5000 gets all, part cash. Details page 19 Strout's Fall Catalog Farm Bargains 23 States; copy free.
E. A. STROUT FARM AGENCY, 831E. N. Y. Life Bldg., Kansas City, Mo.

Farm & Ranch Loans

Kansas and Oklahoma

Lowest Current Rate

Quick Service. Liberal Option.

Interest Annual or Semi-Annual.

THE PIONEER MORTGAGE CO.,

TOPEKA, KANSAS.

Millions for Farm Crops

(Continued from Page 28.)

to market. Not much land has been sold recently. It is worth from \$40 to \$75 an acre.—J. W. Cline-Smith, Dec. 13.

Miami—Farming has been at a standstill since Thanksgiving. Weather is below zero, with some snow and ice. Livestock that has no protection has suffered.—F. J. Haelele, Dec. 13.

Neosho—Snow and sleet are gone, but cold and windy weather prevails. Farmers are hauling hay to market, doing chores and cutting wood. Very few farmers have any coal on hand, and there is not much wood to cut since hedge law took effect. Wheat sown after November 15 did not come up. Weather was below zero December 11 and 12. Baled hay is worth \$15 to \$18; corn \$1.50; eggs 65c; hogs \$1.50 below Kansas City market.—Adolph Anderson, Dec. 13.

Osage—Late sown wheat makes little showing because of early winter. Some farmers have not cribbed corn. Not much fall plowing has been done. Farmers still are hauling water. Many renters will be without land to work, as owners are moving on farms. Land still is changing hands at advanced prices. Very little corn will be shipped, as most of it is needed for feed.—H. L. Ferris, Dec. 13.

Pawnee—Weather is very cold. Roads are drifted in some places. Coal is scarce and much wood is being hauled to town. There is plenty of straw but not much feed for sale in the county. Wheat is very small in east part of county, but is making good pasture in west part. Wheat \$2.70; butterfat 77c; eggs 75c.—E. H. Gore, Dec. 13.

Rawlins—Weather has been very cold and thermometer fell to 22 degrees below zero one day. It now is warm again. Snow is drifted in roads. Hay is worth \$20; corn \$1.25; wheat \$2.20; eggs 60c; butter 65c; cream 69c.—A. Madsen, Dec. 11.

Rice—We have been having zero weather the past week and ground is covered with snow. The snow was not heavy, but drifted in some places in the roads, making them impassable. Livestock has not suffered. Some of the wheat that was sown late is not up. Coal shortage has been felt. Wheat is selling for \$2.60; potatoes \$2.50; eggs 60c; cream 76c; hens 22c.—George Buntz, Dec. 13.

Saline—We have had two weeks of very cold weather. Wheat is small but is well protected by snow and sleet. East and west roads have drifted badly. Most farmers still have feed for livestock, but will run short if cold weather continues. Dealers have not been able to supply the demand for oats and corn. Much wood is being cut and where sold brings \$10 a cord for stove wood. Very few farmers have eggs to sell. Fodder is \$2 to \$3 a shock; fat hogs \$11.77 to \$12.35; wheat \$2.50; corn \$1.75; oats 84c; eggs 75c; butterfat 76c.—J. P. Nelson, Dec. 13.

Scott—Weather is cold and there is some snow and ice on ground. Livestock has been fed for 15 days. Farmers have difficulty in getting cane and kafir threshed. Some corn is yet in fields. Coal is scarce and many persons have only a little fuel. A few public sales have been held, and all produce sells well. Much land is changing hands at advanced prices. Milk cows are \$75 to \$85.—J. M. Helfrick, Dec. 12.

Sedgwick—Weather is cold and there is a light coat of snow and ice on ground. Thermometer was 3 degrees below zero one morning. Some farmers are cutting wood. Some corn is yet to be shucked. Hogs are 12 to 14c; fat beef 9 to 11c; eggs 75c; butter 70c; hens 20c; corn \$1.50; alfalfa \$20 to \$30.—F. E. Wickham, Dec. 13.

Smith—Wheat has been covered with snow since Thanksgiving. Most of this year's headed wheat yet to be threshed. Some corn has not been gathered in north part of county. Livestock is wintering well considering condition of weather. Some farmers have lost young stock from disease. A few farmers will put up ice next week. Wheat is \$2.45; hogs \$11.50; turkeys 28c; eggs 70c; butterfat 73c.—C. R. Rock, Dec. 13.

"Work or starve," is nature's motto, and it is written on the stars and the sod alike—starve mentally, starve morally, starve physically. Now is the time to work.

Confidence is the key that unlocks the bank to the young man who is trying to establish himself.

Christmas Time

Christmas time! That man must be a misanthrope indeed in whose breast something like a jovial feeling is not roused, in whose mind some pleasant associations are not awakened by the recurrence of Christmas. There are people who will tell you that Christmas is not to them what it used to be; that each succeeding Christmas has found some cherished hope or happy prospect of the year before dimmed or passed away; that the present only serves to remind them of reduced circumstances and straitened incomes—of the feasts they once bestowed on hollow friends and of the cold looks that meet them now in adversity and misfortune. Never heed such dismal reminiscences. There are few men who have lived long enough in the world who cannot call up such thoughts any day in the year. Then do not select the merriest of the 365 for your doleful recollections. Charles Dickens.

Predict a Decline in Corn

Premiums on Wheat Go Up to 16 Cents

BY SANDERS SOSLAND

WHEN TO buy corn is an absorbing topic of the day among a majority of feeders of Kansas. Large quantities of corn will be purchased by livestock producers of the state to meet their requirements above the supplies already available. While there is now no general immediate necessity for the grain, prospective buyers are studying the market in the hope of contracting the grain at the most favorable period. Many already have bought corn, some having made purchases as early as September for shipment in December and January. Others have withheld buying and continue to wait.

If one could forecast with any degree of safety the extent of the movement of corn from the country, feeders would be able to gauge the market and doubtless buy during the period of lowest prices. Not only the prospec-

The final estimates on the production of corn in the United States by the Department of Agriculture place the yield at 2,917,450,000 bushels, or 7,450,000 bushels more than the preliminary forecast. The yield in 1918 was 2,583 million bushels; in 1917, 3,065,233,000 bushels. Corn production this year is one of the largest on record, particularly from the standpoint of merchantable grain. The quality of the grain is excellent on the whole, and only an insignificant amount was damaged by frost, with the result that the percentage of merchantable corn is very high. Illinois and Iowa are the two principal sources of corn this year, the surrounding states, including Indiana, South Dakota, Ohio and Nebraska, have a surplus of considerable proportions, part of which doubtless will move into Kansas.

The latter part of December and January normally witness a heavy movement of corn. Often heavy receipts materialize in the forepart of December, and, because of the comparatively light arrivals thus far this month, many in the trade doubt whether shipments will reach large proportions before late in the winter or early in the spring period. As has been emphasized before, more or less concern is evident over the possibility of a squeeze in prices because of the failure of corn to move in sufficient volume to meet outstanding December contracts. But short interest is being largely reduced and less difficulty may result than anticipated. With a free movement of corn the remainder of the month, a squeeze of any importance could be easily averted.

Corn Prices Irregular

Corn prices followed an irregular course the past week. On the better grades cash prices rose 1 to 3 cents a bushel, tho some cheaper offerings declined as much as 2 cents, with the extreme range of sales from \$1.35 to \$1.57. The action of future prices gave evidence of liquidation of December short interest, this delivery rising more than 2 cents. The January delivery was up only fractionally, while the more distant deliveries were unchanged to slightly lower than in the preceding week. December corn still is at a discount of more than 10 cents a bushel under the cash market on the contract grade for delivery, and before the month expires the option must be on a parity with the cash figure. Liberal carlot arrivals would depress the cash, while a lack of offerings would stimulate bullishness on the option.

Generally the belief prevails that corn prices must recede from their present level, tho only temporarily. There is a possibility that carlots will recede 25 cents a bushel, depending, of course, on the extent of the offerings. But majority sentiment in the trade is not favorable to a maintenance of prices at the forecasted level, but that an upward swing will follow in the succeeding months. Therefore, it appears that the next 30 to 60 days, when important declines may occur will be the most opportune period for buying corn.

Wheat May Reach \$3

Actual sales of wheat on the Kansas City market reached a top of \$2.90 a bushel, with nominal quotations on No. 1 dark hard at \$3 a bushel. Premiums over the government basis amounted to as much as 76 cents. In extreme instances sales were made at an advance of 16 cents a bushel, tho on the cheaper grades prices gained 4 to 10 cents. It is probable that actual sales of wheat at \$3 a bushel will be recorded this week. Red wheat gained 7 to 8 cents, closing at a range of \$2.29 to \$2.55 a bushel, or as much as 49 cents over the guaranteed minimum. Demand for wheat continued broad, coming from surrounding territory including Kansas, and the Northwest, Central States and the East. Dark northern wheat reached a top of \$3.40 a bushel at Minneapolis, some anticipated a \$4-mark before new dark northern spring wheat becomes

available. Carlot arrivals of wheat at Kansas City dwindled further the past week and reached a low level.

Oats are selling at practically the highest level of the crop, the better grades bringing around 82 cents a bushel. Cash prices rose 2 to 4 cents a bushel the past week, and in the future market a gain of 2½ cents occurred on the December delivery and about a cent on the May. The oat yield, officially estimated at 1,248,800,000 bushels, is the smallest since 1914. Declines in foreign exchange rates to the lowest level on record were a bearish factor, tending to restrict export inquiry, but the domestic demand and supply situation is forcing the market up.

New High Records for Hay

Alfalfa hay reached a top of \$37.50 a ton in Kansas City, clover \$30 and prairie \$26.50, new record marks for the crop year. The market on alfalfa is around \$1.50 a ton higher, and as much as \$2.50 higher on prairie. Clover gained about \$3, with timothy and clover mixed \$1 a ton for the week. A slight falling off occurred in the movement, particularly on alfalfa while demand, which is of an enormous volume, showed no signs of contraction. Because of a shortage of clover, dairymen of the East are heavy buyers of alfalfa of choice grades. The cheaper or brown offerings are meeting a broad demand with discounts under the fancy grades narrowing. In instances brown alfalfa advanced \$3 the past week.

For a short time, at least, bran has reached its top. After soaring to \$42 a ton in Kansas City the preceding week, the market has eased off to around \$40 a ton for December and January shipment, and it is reported February delivery bran is available as low as \$39. Settlement of the coal strike, suggesting increased mill activity, was a bearish influence. Shorts showed little change, around \$48 for gray and \$43 to \$45 for brown.

Co-operation That Works

(Continued from Page 3.)

Graham stress emphatically is that a co-operative organization should not try to do business in any way different from that followed by successful business concerns. No attempt is made to drive competing concerns out of business by paying more for farm produce and selling goods for less. The store and mill are regarded in the same light as if the stockholders were town business-men instead of farmers. The ambition of the managers is to build up a strong patronage and show prosperous dividends at the end of the year.

"One mistake often made by stockholders in co-operative concerns," declares Mr. Smith, "is that of expecting too much of a direct saving on their purchases. The idea mistakenly prevails among many farmers that town merchants are making a big thing from their business, but I have been closely acquainted with Wamego merchants who have done business here for years and I know they are not getting rich. We cannot expect to do more than make a fair, average profit."

"The real test lies in the future. Two years are not sufficient to prove anything in such an undertaking as ours. Five or even 10 years are necessary. In my opinion the critical time is just ahead. We have seen the break in the livestock market, and we shall see a decline in other farm products. These will come first, but undoubtedly there will be similar declines in other lines of business."

"I believe the men who support our enterprise have the vision and foresight to carry us thru any critical period that may come. We feel that we are doing something bigger than merely operating a store and a mill. To many thinking men and women the existence of the nation depends upon keeping the farming class—the real backbone of our country—satisfied and prosperous. May we not consider that in the co-operative movement—a movement which tends to eliminate the numerous profits between the producer and the consumer and gives each a better price—we are doing our share toward averting national disaster?"

More Egg Mash
Poehler Mercantile Co. Distributors—A. V.

Feeders Insist on Quality

Calf Trade Emphasizes Need for Better Breeding

BY SAMUEL SOSLAND

STOCK calves of common quality which normally move to farm buyers for wintering or feeding purposes recently have been selling in liberal numbers to packers on the Kansas City market. "Let the packers have them," a dealer at the Kansas City yards instructed commission interests a few days ago after waiting in vain for feeders to absorb his holdings of common stock calves weighing 350 to 500 pounds. The calves were sold for the dealer at a loss, going to packers at \$6 to \$8.25 principally, with a few at \$7 a hundredweight. On the day on which the plain stock was sacrificed to packers for premature slaughter, feeders gladly paid \$10.50 to \$12 for fancy stock calves of excellent breeding, and the demand was so favorable for this superior class that dealers, or traders, complained of insufficient supplies coming from ranges and breeding farms of the Southwest.

Unsettled Markets

Trade in stock calves constitutes one of the unusual phases of the current unsettled markets for cattle. There is, however, no mystery about the stock calf trade. It is merely emphasizing what breeders of purebred Hereford, Shorthorn, Angus and Galloway cattle have always appreciated—that investments in breeding stock of high quality are in the end profitable on markets. After the erratic action of this year, many cattle feeders are nervous. Range interests are more cautious, too. As a result, the rangemen of Texas and the farm breeders of the Southwest are holding back their best stock calves and selling the inferior produce. The observer of the character of the breeding of the majority of stock calves which have come to Kansas City in the current season might conclude that the Southwest is raising a poorer grade. But this would be an erroneous observation. The Southwest, notably Texas, is short of young cattle. To replenish holdings, which were reduced by drought in recent years, the rangemen of the Southwest are carrying as many stock calves as their finances permit, but, being uncertain as to the market, they are keeping at home only the better bred crop. And on markets, feeders, too, are uncertain about the future but certain that superior breeding always commands a premium. So the poorly bred calves are neglected.

When markets are booming it is possible to find buyers more readily for all classes of stock calves and other cattle. As less active and uncertain trade conditions develop, however, more care is exercised by feeders and other buyers, especially on young stock. "We know that the choice stock calves will enjoy a broader demand than plain stock when we are ready to sell them no matter what happens on markets," feeder buyers seem to be saying in their quest for the well bred offerings at sharp premiums. "We know, too, that the better bred calves will make the cheapest gains. That's why we are willing to take fancy stock calves at premiums and why we refuse to purchase the plain grades at comparatively low prices."

Some Remarkable Sales

While the stock calf trade has not been favorable to dealers on the Kansas City market, the feeders and the breeders who have been operating in this stock have had experiences which promise to be helpful toward stimulating improvement in the quality of the future calf crops of old and new cattle herds in the Southwest and in other parts of the country. Market interests, including the traders, the commission houses, the bankers and the packers, hope that the producers of purebred sires will capitalize this experience. It is not pleasant to the dealers at the stock yards to sacrifice stock calves to packers at low prices when other calves from better sires marketed by producers from the same districts sell at premiums as high as \$5 and \$6 a hundredweight. And what a loss this involves to the producers

who failed to invest in better foundation stock!

While calves in the stocker and feeder division of the cattle market provided an interesting demonstration last week of the desirability of choice breeding, attention was also attracted by a few of the fat stock sales. Before quoting these, it is well to repeat that they were not representative of the general trade. A Missouri feeder obtained for one choice Angus yearling steer, weighing 1,140 pounds, \$23 a

January, Low Month on Hogs

That January will be the low month of the winter in the trade in hogs is an opinion which is growing in the trade. If it's a question of arranging to sell in January or later in the winter, delay in marketing seems advisable. The packers are friendlier to the market after they have accumulated cheap stocks of provisions.

Kansas is so short on hogs that Wichita packers are making purchases in Kansas City.

hundredweight. A Shorthorn steer sold by the same feeder, weighing 1,850 pounds, brought \$19. A Nebraska Hereford breeder sold 15 Hereford long yearling steers, averaging 1,161 pounds, at \$22, the highest price of the year. These steers were taken for a Kansas City butcher. A year ago the same breeder, C. M. Clark of Lewistown, Neb., sold long yearling Herefords averaging 1,186 pounds at \$25.25 in Kansas City. At Chicago last week Hereford steers weighing up to 1,650 pounds sold as high as \$21.50 for the Christmas trade. While the special Christmas demands made such prices possible and while a large number of cattle would not bring the same figures, they speak well for breeding.

While Kansas City had larger receipts of cattle last week, the principal market as a whole had a small decrease. Range cattle continued to predominate in the Southwest, moving later than usual. That a weak tone still surrounds the market was indicated by the fact that there was only slight improvement in prices as a whole following the settlement of the strike of bituminous coal miners. The trade was steady to 50 cents higher, with the better fed steers and the good

grades of stockers and feeders and calves showing the rise. The stocker and feeder trade had been affected by the hesitancy of buyers to come from distant states, but it did not show decided improvement on account of the recent weakness which has predominated in fed cattle. The first Colorado pulp-fed steers arrived, being a month earlier than a year ago, and sold at \$13.25 to \$13.50. Pulp-fed steers promise to be relatively more numerous than any other class in Kansas City, but Chicago continues to give evidence of large supplies of short-fed cattle from corn feeders in its territory. Feeders sold largely between \$9 and \$11, with choice grades of heavy steers again quoted at \$13.25. Stocker steers ruled between \$6 and \$11. Stock cows ruled between \$6 and \$7.50. Veal calves sold at \$10 to \$16.50. Cows continued down to \$5.50 for canners and \$11 for the better grades, with a few quoted higher. Heifers were quoted at \$8.50 to \$13.50.

Weakness continued to surround the trade in hogs last week, with continued erratic fluctuations. It is indeed difficult for shippers to operate on such markets, with changes of 50 to 75 cents daily numerous. At one time last week the top price on hogs was as low as \$13.15 in Kansas City, and at the close the top was \$13.80, or about unchanged. However, the average cost of droves was down about 50 cents. The market was again higher than at Chicago, the premium amounting to as much as 50 cents. Wichita packers of Kansas and Dallas packers of Texas were among the Kansas City buyers. Many good pigs were obtainable around \$12, and were considered a fair purchase at the price where shipments are possible without serious delay. Railroad service has been so poor that there have been some losses of stock hogs in transit. It is expected that the next 30 days will witness the low point of the winter in the trade in hogs, hence those with porkers not ready for immediate sale which can be held may realize more satisfactory prices by withholding offerings from the January market. There is little sign of betterment in the European demand, but the domestic trade conditions are favorable. Receipts are still lighter than a year ago.

A good tone surrounds the sheep and lamb trade. Wool is strong, which is helpful to the market. Receipts are about the same as a year ago, with consumers in a favorable position. Prices were steady to 25 cents lower in Kansas City last week, with Colorado pea-fed lambs, the first of the season, bringing the top, \$16.25. Too many feeders are again making the mistake of selling their holdings without a proper finish, and it is necessary to sell these lambs back to other feeders. Feeding lambs were quoted at \$13 to \$14.25 last week, with the fleshy offerings around the latter figure.

Breeding ewes ruled between \$9 and \$11, fat ewes up to \$9.25, yearlings up to \$13 and wethers up to \$11.25.

For Better Stock Shipping

More than 300 co-operative livestock shipping delegates, representing 21 states and four Canadian provinces, assembled in Chicago December 3 and 4 and unanimously perfected a permanent National Federation of Co-operative Livestock Shippers. These states were represented: Iowa, Michigan, Indiana, Illinois, Wisconsin, South Dakota, Minnesota, Nebraska, Ohio, Kansas, Oklahoma, Washington, Colorado, North Dakota, Missouri, Tennessee, New York, California, Kentucky, Louisiana, Pennsylvania and Canada.

The following officers were elected: Knute Espe, Ames, Iowa, president; C. E. Compson, Remus, Mich., vice president; John Miller, Galva, Ill., treasurer; Selby E. Peterson, Waconia, Minn., acting secretary, and Earl J. Trosper, 906 Royal Insurance Bldg., Chicago, organizing secretary. The directors are: C. Hoover, Longmont, Colo.; T. M. Patterson, Agricultural College, Miss.; A. S. Anderson, Beresford, S. D.; C. H. Gustafson, Omaha, Neb.; H. M. Phillips, Palmyra, Mo.; J. F. Larson, Ellsworth, Wis., and M. E. Sherman, Kendallville, Ind.

The objects of this federation are to encourage better and more economical methods in the production and distribution of livestock and livestock products; to promote co-operative edu-

"OUTDOES ALL THE OTHER PAPERS."

"I am well pleased with the advertising in the Kansas Farmer and Mail and Breeze of my business as a breeder of Holstein cattle. I have tried several papers but none of them give the results the Kansas Farmer and Mail and Breeze does. In advertising, the Kansas Farmer and Mail and Breeze outdoes all the other papers. It is the paper that the farmers and stockmen want. I will continue to use it as long as I am in the purebred business.—Ben Schneider, Breeder of Holstein cattle, Nortonville, Kan."

cation, and to encourage the organization of co-operative livestock marketing associations. It hopes to develop uniformity in the plan of organization and method of operation of local livestock shipping associations; to aid such organizations in problems of general interest in transportation, handling and marketing; to lease, buy, build, own, improve, mortgage, sell and control such buildings and other real and personal property as may be necessary in the conduct of its operations; and to perform any other work which may be of benefit to its members or helpful to the industry.

The national and state federations will be financed on a small membership fee and a car charge basis which will be regulated from time to time to meet the needs of the shippers.

SOMETHING DIFFERENT

A Farm Paper Edited on a Farm

Capper's Farmer, published by United States Senator Arthur Capper of Kansas, is a farm paper that is different. It is edited on the farm by a farmer and for the farmer. It is published in the heart of the greatest agricultural country in the world. It stands for a square deal for the consumer and fair profits for the producer thru eliminating grain gamblers, market jugglers, and other trusts and combines. For that great body of American Farmers who live with ideals, who want to be progressive, there is no such favorite as Capper's Farmer. There is a department for the women folks, boys and girls, marketing, livestock, poultry, dairy, field crops, farm machinery, horticulture, health, etc. In addition to the regular editorials, Senator Capper's Washington Comment is one of the most interesting and instructive.

In order to introduce this bright and breezy farm paper to readers of the Kansas Farmer and Mail and Breeze, the publisher agrees to send the paper six months for ten cents. This is a special offer, good for ten days only. You should send in your time today. Address, Capper's Farmer, 507 Capper Bldg., Topeka, Kansas. You can't afford to miss a single copy.

Do not brood over the past, or dream of the future, but seize the instant and get your lesson from the hour.

THE LIVESTOCK SERVICE

of the Capper Farm Press

Founded on four great papers, each excelling in prestige with the farmers and stockmen of its territory, the four covering, respectively, the states of Kansas, Nebraska, Missouri and Oklahoma and adjacent sections of adjoining states.

FOR BUYERS: When livestock of any kind is wanted, look thru our advertisements and write those breeders who seem likely to have what you want, always mentioning this paper. Write this department direct at any time, describing the livestock desired and we will be glad to help you locate it.

FOR SELLERS: Those who have livestock for sale, will find that advertising thru one or more papers of the Capper Farm Press is the most businesslike and effective means of locating buyers. Ask this department for any desired information, on the subject of livestock selling, always giving number and description of animals for sale. If help is wanted in the preparation of advertising copy, give such other information as can be used to attract the interest of prospective buyers. Such matters as the time of year, cost of feed, condition and value of animals and time available for selling, should be considered in deciding how to advertise. You may need only a three line advertisement or it may be to your best interest to use a full page. This paper may afford you ample service or you may need the whole Capper Farm Press. Give us full particulars and you will get honest and competent advice. It is a good idea to keep in touch with your territory manager as much as possible. His judgment, experience and constant travel and observation always will prove valuable to you. Inquiries and instructions to headquarters can be addressed:

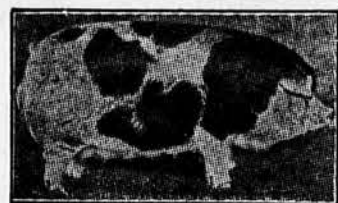
Livestock Service of the Capper Farm Press, Topeka, Kan.

T. W. MORSE, DIRECTOR AND LIVESTOCK EDITOR

OFFICE AND TERRITORY MANAGERS:

E. S. Humphrey, Main Office, Topeka, Kan.
John W. Johnson, Kansas, 820 Lincoln St., Topeka, Kan.
J. T. Hunter, S. W. Kan. and W. Okla., 427 Pattie Ave., Wichita, Kan.
J. Cook Lamb, Nebraska, 2508 D Street, Lincoln, Neb.
O. Wayne Devine, Missouri, 300 Graphic Arts Bldg., Kansas City, Mo.
J. Park Bennett, Missouri, 300 Graphic Arts Bldg., Kansas City, Mo.
S. T. Morse, E. Okla., S. E. Kan., and S. W. Mo., 517 West 3rd St., Joplin, Mo.
H. P. Steele, Iowa and N. E. Neb., 203 Farnam Bldg., Omaha, Neb.

OLD ORIGINAL BIG BONED SPOTTED POLANDS



The kind our forefathers raised—grow as big as a cow. Why not get the stock? Spring boars ready for service at private sale. Will ship at once. Write for prices. Bred Sow and Fall Pig Sale—January 12. 350 head. Write for a catalog.

Everman Stock and Poultry Farm
GALLATIN, MISSOURI.

DUROC JERSEY HOGS

Write your inquiry or order at my expense for

A Big Duroc Boar

You want him now. Don't wait to write. Don't send the money. Pay after you see him. Guaranteed immune and a breeder. Priced right.

F. C. Crocker, Box 8, Filley, Neb.



Conyers' Duroc Spring Pigs

Good stretchy thrifty spring pigs, both sex. By Pathfinder 181615, and Royal Grand Wonder, out of dams of Orion, King the Col. and Pathfinder breeding. Immuned, double treatment. Satisfaction guaranteed.

B. W. Conyers, Marion, Kan.

Woody's Durocs

Bred Gilts of March and April farrow sired by Pathfinders, Orions and Creators. Bred to Climax Sensation for March farrow. Extra good ones at \$50 and \$60. A few fall yearlings and tried sows at \$70. A few good March boars at \$40. July pigs at \$20, all immune. Extra good.

HENRY WOODY, BARNARD, KANSAS
Lincoln County

JOHN'S ORION

Boars of spring farrow, good ones and others by Pace Maker, Orion Cherry Col., Pathfinder, Ideal Pathfinder, and other noted sires. Priced to move them. Bred sow sale February 18.

GWIN BROS, MORROWVILLE, KAN.

Prince of Pathfinders

Combines Size Blood and Type
FAIRVIEW ORION CHERRY KING yearling gilts bred to him as ATTRACTIVE in our BRED SOW SALE at Salina, Kan., Feb. 5. Good spring boars at farmers' prices.

JNO. W. JONES, Minneapolis, Kansas.

Big Type Boars

Pathfinders, Colonels, Orion Cherry Kings
And other popular Big Type strains from big mature sows. Immuned. Priced to sell.

G. M. SHEPHERD, LYONS, KANSAS

WOODDELL'S DUROCS

21 spring boars, 1 yearling boar, nearly all of them sired by Chief's Wonder, the boar that is breeding champions. These are good type boars, and are priced them at farmer's prices in order to make room for my fall pigs. Write, wire or come for prices.

G. B. WOODDELL, WINFIELD, KANSAS.

Boars of Size and Quality

Large March and April boars, real herd boar prospects. Sired by Cherry King Orion, Reeds Gano, Potentates Orion; dams by Pathfinder, King the Col., and Crimson Wonder. Priced to sell.

JOHN A. REED & SONS, LYONS, KANSAS

Durocs Priced to Sell

Three fall yearling gilts bred; a choice yearling boar; bred spring gilts; bred spring yearling sow. All bred to good boars. A few good spring boars.

FRED CROWL, BARNARD, KANSAS

Fulks' Large Type Durocs

Sired by Uneda High Orion and Nebraska Col. Chief. Boars and gilts of March and April farrow. Immuned and guaranteed to please. Some real herd boar prospects. Bred sows after January 1.

W. H. FULKS, TURON, KANSAS

MUELLER'S DUROCS

A fancy lot of spring boars and gilts for sale. Sired by Uneda King's Col and from splendid dams. Priced to sell.

GEO. W. MUELLER, R. 4, ST. JOHN, KAN.

A FEW GOOD DUROC BOARS

For sale, sired by Uneda High Orion, grand champion boar, Topeka 1919. Also good Illustrators Pathfinder and Sensation boars.

ZINK STOCK FARM, TURON, KANSAS

"Searle" Duroc Boars

make good. Sire big litters of husky pigs. Bred right. Priced right. Get choice by ordering now. Correspondence a pleasure.

Searle & Searle, R. 15, Tecumseh, Kansas

DUROC JERSEYS

Ten weeks old; either sex; \$17.50 if taken before December 15. NORMAN J. GROSS, RUSSELL, KAN.

GARRETT'S DUROCS

March and April pigs in pairs or trios, not related, with up-to-date breeding. One great litter by Jr. Orion Cherry King. R. T. & V. Garrett, Steele City, Neb.

DUROC JERSEY HOGS.

WOOD'S DUROCS

Spring pigs, both sexes. Great Wonder strain; registered; immuned, double treatment; satisfaction guaranteed.

W. A. WOOD, ELMDALE, KANSAS

"Jones Sells on Approval"

Outstanding March boars, King's Col. and Orion's Cherry King blood lines. Large type, with quality, at reasonable prices.

W. W. JONES, BELOIT, KANSAS

Choice March Boars \$40 to \$50

Choice March gilts, bred and safe in pigs, \$35 each. 130 Sept. pigs, pairs and trios not akin, \$30 each. All stock guaranteed immune.

D. O. BANCROFT, OSBORNE, KANSAS.

A Pathfinder Herd Boar \$75

a few others for \$50; few choice gilts bred to Pathfinder Orion. Good ones. Write for description and breeding.

R. C. OBRECHT, R. 28, TOPEKA, KAN.

McComas Durocs

Spring Boars All Sold. Have some fine fall boars by sons of Sensation and Pathfinder, out of sows sired by champions. Herd boar prospects. The rugged kind for farmers. All immune.

W. D. McCOMAS, Box 455, WICHITA, KAN.

Royal Farm Herd Durocs

Send me your name now for my mailing list and I will send you my February 21 bred sow sale catalog.

B. R. ANDERSON, McPHERSON, KANSAS.

Replogle's Durocs

Spring boars; registered and immunized; Orion, Illustrators and Colonel bloodlines. Gilts and fall pigs of same breeding. Satisfaction guaranteed.

SID REPLOGLE, Cottonwood Falls, Kansas.

DUROC SPRING BOARS

the rugged, heavy boned kind by Great Wonder Model; 1 extra good type boar by Pathfinder Jr., \$50 to \$75.

HOMER DRAKE, R. 3, STERLING, KAN.

VALLEY SPRING DUROCS

Choice fall and summer pigs, pairs and trios not related, immuned, registered, \$15 to \$20 each, a few bred sows and gilts, cheap.

E. J. BLISS, BLOOMINGTON, KANSAS.

Duroc-Jersey Summer Boars and Gilts

Ideal Pathfinder and Joe Orion 5th breeding. Buy a pig and raise your boar or sow. Booking orders for bred sows. R. C. Watson, Altoona, Kansas.

BRED SOWS, Private Sale

Also a few choice spring boars. Everything by Highland Cherry King and King Joe. Special prices now.

RALPH P. WELLS, FORMOSO, KANSAS.

PATHFINDER BOARS

3 mo. old \$30 each. One grandson of A. Critic, 1 yr. old, \$55. EDW. M. GREGORY, READING, KAN.

CHESTER WHITE OR O. I. C. HOGS.

Raise Chester Whites?

Like This
the original big producers

I HAVE started thousands of breeders on the road to success. I can help you. I want to place one hog from my great herd in every community where I am not already represented by these fine early developed—ready for market at six months old. Write for my plan! More Money from Hogs.

G. S. BENJAMIN, R. F. D. 1, Portland, Michigan

Arthur Mosse, Jan. 20

Kansas herd Chester Whites, 40 sows and gilts. Swine show and state fair winners of 122 ribbons in 1919. Big free catalog. Address

Arthur Mosse, Leavenworth, Kan.

CHESTER WHITE BOARS

Big husky fellows, ready for service at \$50 and \$60. Smaller ones \$40. Cholera immune. Shipped anywhere on approval. Registered free. Order from this advertisement or write for full descriptions.

HENRY MURR, TONGANOXIE, KANSAS

O. I. C. Chester White Pigs

for sale. Both sexes; prices right; pedigree with each pig. W. K. MUELLER, R. 4, ST. JOHN, KANSAS.

40 O. I. C. PIGS, BOARS AND SOWS

HARRY W. HAYNES, GRANTVILLE, KAN.

CHESTER WHITES

Choice fall boar pigs, and a few bred gilts. E. E. SMILEY, PERTH, KANSAS.

CHESTER WHITE BOARS AND GILTS

For sale. Sired by Bob Tip Top. Best of breeding. W. H. Lynch, Neosho Rapids, Kan.

CHESTER WHITE BOARS and gilts for Sale

Popular breeding. H. C. Nielson, Osborne, Ka.

O. I. C. BRED AND OPEN GILTS, priced to sell.

E. S. Robertson, Republic, Missouri.

Public Sales of Livestock

Holsteins.

Dec. 15—Holmes Dairy Co., Sioux City, Ia.
Dec. 15—Mrs. Margaret Healy, Hope, Kan.
W. H. Mott, Herington, Kan., Sales Mgr.
Dec. 17—G. G. Myer, Basehor, Kan.
Jan. 30—Kansas National Livestock Exposition Sale, Wichita, Kan. F. S. Kirk, Mgr.
Feb. 6—A. S. Neale, Manhattan, Kan.
Feb. 17-18—Iowa, Nebraska, Kansas combination sale. Dwight Williams, Mgr., Omaha, Neb.
Feb. 23-24—Annual sale Holstein-Friesian Association of Kansas at Topeka. W. H. Mott, Sales Mgr., Herington, Kan.

Hereford Cattle.

Jan. 28—Purple Ribbon Sale, Wichita, Kan. F. S. Kirk, Mgr.
Jan. 28—Kansas National Livestock Exposition Sale, Wichita, Kan. F. S. Kirk, Mgr.
Feb. 2—S. D. Seevers, Smith Center, Kan.

Shorthorn Cattle.

Jan. 15—C. G. Cochran & Sons, Hays, Kan.
Jan. 29—Purple Ribbon Sale, Wichita, Kan. F. S. Kirk, Mgr.
Jan. 29—Kansas National Livestock Exposition Sale, Wichita, Kan. F. S. Kirk, Mgr.
Mar. 16—Edw. F. Gehley, Orleans, Neb.
Apr. 28—Northwest Kansas Shorthorn Breeders' Ass'n.; Sale at Concordia. E. A. Corey, Sales Mgr., Talmo, Kan.

Polled Shorthorn Cattle.

Feb. 24—T. M. Willson, Lebanon, Kan.
Apr. 6—W. A. Prewett, Asherville, Kan.

Red Poll Cattle.

Dec. 23—O. B. Clemetson, Holton, Kan.

Angus.

Jan. 30—Kansas National Livestock Exposition Sale, Wichita, Kan. F. S. Kirk, Mgr.

Percheron.

Jan. 31—Kansas National Livestock Exposition Sale, Wichita, Kan. F. S. Kirk, Mgr.

Jacks.

Jan. 30—Kansas National Livestock Exposition Sale, Wichita, Kan. F. S. Kirk, Mgr.

Feb. 24—D. E. Gill, Attica, Kan.

Poland China Hogs.

Dec. 23—O. B. Clemetson, Holton, Kan.
Jan. 16—J. J. Hartman, Elmo, Kan., at Abilene, Kan.
Jan. 20—Fred B. Caldwell, Topeka, Kan.
Jan. 22—George Morton, Oxford, Kansas.
Jan. 23—H. R. Wenrich, Oxford, Kansas.

Jan. 31—Kansas National Livestock Exposition Sale, Wichita, Kan. F. S. Kirk, Mgr.

Feb. 3—E. L. Dolan, Platte City, Mo.

Feb. 3—O. E. Wade, Rising City, Neb. Sale at David City.

Feb. 4—Clarence Dean, Weston, Mo., at Dearborn, Mo.

Feb. 4—Wm. McCurdy, Tobias, Neb.

Feb. 5—Adams & Mason, Gypsum, Kan.

Feb. 6—Peter J. Tassart, York, Neb.

Feb. 7—Geo. Seitzmann, Kingsley, Iowa.

Feb. 10—A. J. Erhart & Sons, Oregon, Mo.

Feb. 14—C. S. Nevins & Sons, Chilca, Kan.

Feb. 14—R. B. Donham, Talmo, at Concordia, Kan.

Feb. 15—C. Lionberger, Humboldt, Neb.

Feb. 17—Otto Gloe, Martel, Neb.

Feb. 21—W. A. Prewett, Asherville, Kan.

Feb. 24—T. M. Willson, Lebanon, Kan.

Feb. 27—C. B. Schrader, Clifton, Kan.

Spotted Poland China Hogs.

Jan. 12—Everman Stock Farm, Gallatin, Mo.

Duroc Jersey Hogs.

Jan. 2—Proett Brothers, Alexandria, Neb.

Jan. 6—C. W. Fosberg, Holdrege, Neb.

Jan. 6—Fred Lyden, Hildreth, Neb.

Jan. 7—Carl Day, Nora, Neb.

Jan. 8—Wm. Tabor, Inavale, Neb.

Jan. 10—D. M. Bindernagel, Beatrice, Neb.

Jan. 19—B. F. Preston, Lincoln, Neb.

Jan. 22—Sisco & Doerslag, Topeka, Kan.

Jan. 24—H. J. Nachtigall & Son, Deshler, Neb.

Jan. 27—H. C. Holt & Sons, Kearney, Neb.

Jan. 28—Smith & Swartsley, Kearney, Neb.

Jan. 28—McClelland Bros., Bondurant, Ia.

Jan. 28—H. E. Labert, Overton, Neb.

Jan. 28—Milton Poland, Sabetha, Kan.

Jan. 28—H. D. Geiken, Cozad, Neb. Night sale.

Jan. 29—C. T. White, Lexington, Neb. Night sale.

Jan. 29—A. C. French, Lexington, Neb.

Jan. 30—R. E. Tyler, Lexington, Neb.

Jan. 30—L. B. Benson, Lexington, Neb. Night sale.

Jan. 30—Kansas National Livestock Exposition Sale, Wichita, Kan. F. S. Kirk, Mgr.

Feb. 4—A. J. Turinsky, Barnes, Kan.

Feb. 5—John W. Jones, Minneapolis, Kan., at Salina, Kan.

Feb. 6—Kansas Breeders' Association, Manhattan, Kan.

Feb. 7—O. E. Harmon, Fairmont, Neb.

Feb. 9—J. R. Breed, Hydro, Okla.

Feb. 10—R. C. Smith, Sedgwick, Kan.

Feb. 11—A. L. Breeding, Home, Kan.

Feb. 11—John Pettford, Saffordville, Kan.

Feb. 12—W. A. Dugan, Coln, Ia.

Feb. 12—W. T. McBride, Parker, Kan.

Feb. 12—W. W. Orey, Winfield, Kan.

Feb. 13—Thelton Bros., Osmont, Neb.

Feb. 13—Zink Stock Farm, Turon, Kan.

Feb. 14—G. M. Shepherd, Lyons, Kansas.

Feb. 15—John C. Simon, Humboldt, Neb.

Feb. 17—Combination sale, Beloit, Kan. W. W. Jones, Mgr., Beloit, Kan.

Feb. 18—Fern J. Moser, Sabetha, Kan.

Feb. 19—Gwin Bros., Morrowville, Kan., at Washington, Kan.

Feb. 20—B. W. Conyers, Marion, Kan.

Feb. 20—John C. Simon, Humboldt, Neb.

Feb. 21—B. R. Anderson, McPherson, Kan.

Feb. 21—W. L. Fogo, Burr Oak, Kan.

Feb. 23—John Loomis, Emporia, Kan.

Feb. 24—A. A. Russell, Geneva, Neb.

Feb. 24—Gordon & Hamilton, Horton, Kan.

Feb. 25—H. Wernimont, Ohiowa, Neb.

Feb. 25—Kanapin Bros. and W. Hilbert, Corning, Kan.

Feb. 25—J. R. Grover, Sentinel, Okla.

Feb. 26—John W. Jones, Minneapolis, Kan., at Concordia, Kan.

Feb. 26—Adolph Anderson, Davenport, Neb.

Feb. 26—J. C. Theobald, Ohiowa, Neb.

Feb. 27—Carl Day, Nora, Neb.

Feb. 28—C. W. Johnston, Red Cloud, Neb.

Chester White Hogs.

Jan. 19—Henry Murr, Tonganoxie, Kan.

Jan. 20—Arthur Mosse, Leavenworth, Kan. Sheep.

Jan. 2—O. A. Homan & Son, Peabody, Kan.

Jan. 27—Kansas National Livestock Exposition Sale, Wichita, Kan. F. S. Kirk, Mgr.

Percherons.

Feb. 17—M. H. Roller, Circleville, Kan.

Jacks.

Feb. 17—M. H. Roller, Circleville, Kan.

Sale Reports

Davis Bros., Shorthorn Sale.

Davis Brothers, Pawnee, Neb., sold 42 head from their herd of Shorthorns De-

cember 5 for a very

POLAND CHINA HOGS.

Poland China Boars

Choice lot of big smooth spring and fall boars, also sows and gilts. We won first at the State Fair last year and first again this year. Won 7 ribbons at the last state fair. You will find size and quality combined in our herd.

PLAINVIEW HOG & SEED FARM,
Frank J. Rist, Prop., Humboldt, Neb.

Collyer's Polands

Very toppy spring boars by Liberty King and some by Logan Wonder. Just good ones offered at late season prices. The big smooth kind.

R. M. Collyer & Son, Alta Vista, Kansas.

DEMING RANCH
POLANDS

For the next thirty days we will make special prices on extra good spring boars. The first check for \$75 will buy the best of the lot, or \$50 will buy a good April pig.

Deming Ranch, Oswego, Kan.
H. O. Sheldon, Herd Manager

Poland Chinas Priced to Sell

Two fall yearling sows, bred; March and April gilts bred to a real herd boar. Two choice March boars. Up to date breeding and big type; farmers' prices.

T. CROWL, BARNARD, KANSAS

Ten Big Type Poland China Boars

May and June farrow; by Big Jumbo Sampson 104803 (\$1,000 pounds or better when matured) dams by Mogul Monarch. These are Big Bred and stretchy, ought to weigh 175 to 200 pounds, a few under that. Priced right.

J. H. Walton, Cuba, Kansas

Big Type Polands

Have some very choice young boars for sale. Can also spare a few more gilts. Most of the pigs are by Captain Bob.

Frank L. Downie, R. 4, Hutchinson, Kansas

Prolific Big Type Polands

Big type spring gilts bred to Swingle's Big Jones for March and April farrow. A few choice August and Sept. boars and gilts. Prices very reasonable.

A. J. SWINGLE, LEONARDVILLE, KAN.

75 Big Type Poland China Fall Pigs

Can furnish pairs or trios not akin. The best of breeding. A few tried sows and gilts. Some good boars. Immune and guaranteed in every way.

ED. SHEEHY, HUME, MISSOURI.

BIG TYPE POLAND CHINAS

Bred gilts at \$35 each, weighing about 125 pounds. Summer sow pigs weighing about 75 pounds at \$20 each. Pedigrees furnished.

HENRY S. VOTH, R. 2, GOESSEL, KAN.

Boars For Sale at Private Treaty

Choice grandsons of Caldwell's Big Bob (grand champion of world) sired by Black Bob Wonder and by King Bob. Priced in March, April and May. Immune.

W. C. HALL, COFFEYVILLE, KANSAS

SPOTTED POLAND-CHINA GILTS

For immediate sale bred or open. 15 nicely spotted and well grown. Out of big sows and sired by Spotted Wonder. R. H. McCUNE, Clay County, Longford, Kan.

Poland China Close Prices

March and April boars and gilts by Sheridan's Bob Wonder. Big fine ones. Extra good young tried sows bred or open. These are the bargains of the season.

J. B. SHERIDAN, CARNEIRO, KANSAS

CAPPER PIG CLUB BOYS!

10 handy tried sows for sale; bred for the first week of April. 10 gilts, also a few good boars for sale. Can furnish trios not related. Good ones.

E. CASS, COLLYER, KANSAS.

FOR SALE

Choice lot of registered Poland China boars and gilts. Pleasant View Stock Farm, Halloran & Gambrell, Ottawa, Kansas.

BIG TYPE POLANDS

Have some choice young boars for sale. Best of breeding.

Federson & Butts Stock Farm, Ft. Scott, Kan.

PEDIGREED POLAND CHINA MALES

Best breeding, good individuals, \$35 each.

JOHN D. ZILLER, HIAWATHA, KANSAS.

HORSES AND JACK STOCK.

Mammoth Jacks, Percheron Stallions and Mares

A lot of big boned Jacks, 3 to 5 years old, weight up to 1200 pounds, 15 to 16 hands. Also a fine lot of Percheron stallions, blacks and greys, weight up to 2400 pounds. A lot of large mares, 3 and 4 year olds, showing colts. Will sell one or a carload. All stock guaranteed.

Al. E. Smith, R. 1, Lawrence, Kansas.

40 miles west of Kansas City.

Percherons—Belgians—Shires

My stallions have been again awarded premier honors at the State Fair. Show horses and real herd-heads for sale. Fred Chandler, Route 7, Chariton, Ia. Above Kansas City.

BERKSHIRE HOGS.

BERKSHIRES—CHOICE HERD BOAR

Good boars, bred sows and good fall pigs. Priced to sell.

E. D. KING, BURLINGTON, KANSAS.

FARMERS MAIL & BREEZE

ENGRAVING DEPARTMENT

CUTS OF YOUR LIVESTOCK FOR LETTERHEADS & SALE CATALOGS

Amy's Princess, 7 years, F. R. McDermott, 2600	
Clara Dale, 2 years, O. L. Harris, Greenwood, Mo. 1875	
Amelia 6th, 3 years, Bellows Brothers, Maryville, Mo. 2400	
Lady Supreme, 2 years, Park E. Salter, Wichita, Kan. 4750	
Goldenia 2nd, 7 years, H. H. Holmes, Goldenia 2nd, 7 years, H. H. Holmes, 1025	
Lady Marigold 17th, 1 year, Bennett Bros., Lees Summit, Mo. 900	
Violet Solona 3rd, 4 years, G. F. Keller, maa, Mound City, Kan. 900	
Belle Cecilia 4th, 5 years, Davis Bros., Prescott, Kan. 1000	
Rosetta, Hedgewood, Yearling, Robert Russell, Muscotah, Kan. 875	
Village Violet, 4 years, G. L. King, Greenfield, Mo. 1025	
Calceolaria 4th, 1 year, D. M. Grigg, Harrisonville, Mo. 875	
Fair Violet Bud 3rd, 4 years, H. L. Burgess, Chelsea, Okla. 1600	
Lavender Princess, 3 years, Lamar Brothers, Belton, Mo. 1175	
Valentine, 4 years, Lamar Brothers, Rosetta of Grassland 2nd, 11 years, F. C. Merry, Kansas City, Mo. 1050	
Proud Clara, 6 years, Albert Ham, Prescott, Kan. 900	
Lavender Secret, 1 year, Alden & Landers, Stockton, Mo. 825	
Proud Princess, 4 years, C. M. Drennen, Kansas City, Mo. 1000	
Queen's Gem 2nd, 1 year, Warren N. Lambert, Springfield, Mo. 550	
Golden Violet, 5 years, E. R. McLane, Warrensburg, Mo. 825	
Nonpareil 52nd, H. C. Rowe & Son, Pleasant Hill, Mo. 700	
Lovely Rose, 4 years, C. M. Drennen, Sinia's Best, 3 years, J. S. Knowles, Lees Summit, Mo. 1725	
Nine Butterflies, 2 years, W. A. Robinson, Nevada, Mo. 775	
Violet Hedgewood H. 1 year, J. L. Lineberg, Pleasant Hill, Mo. 525	
Miss Lavender 2nd, 2 years, G. W. Long, Kingsville, Mo. 625	

Field Notes

BY JOHN W. JOHNSON

H. L. Knisely & Son, Talmage, Kan., are advertising Angus females for sale. They must cut down their herd on account of lack of feed. The cattle are in good condition but not fat. Among the families represented are Queen Mother, Prides, Blackbirds and Barcoles. These cattle are priced for quick sale.—Advertisement.

This is the last call notice for O. B. Clemetson's big clean up sale at the well known Clemetson farm a few miles east of Holton, Kan. Red Polls, consisting of registered cows and heifers and Poland China bred sows and gilts and others that are open and a nice lot of young boars will be sold. Go to Holton, Kan., and phone out to the farm. Horses and all farm machinery will be sold also.—Advertisement.

Ralph P. Wells, Formoso, Kan., Jewell county, changes his advertisement in this issue of the Kansas Farmer and Mail and Breeze and offers Duroc Jersey bred sows and spring boars. The sows are by Highland Cherry King and King Joe. Both are boars of the toppest kind of fashionable breeding. These sows will be bred for March farrow and priced right as he is saving sale expense on them and guarantees satisfaction or your money back.—Advertisement.

Persistence of Production.

If you have Holsteins it will pay you to look up the card advertisement of Collins Farm Co., Sabetha, Kan. They are advertising young bulls sired by Vanderkamp Segis Pontiac one of the great sires of the breed. Look over the statement of the animals behind this bull and you will realize that you can well afford to pay a little more for a bull sired by him. It is the persistence of production that counts in the dairy herd and you get it here.—Advertisement.

Scotch Shorthorns.

H. H. Holmes of Topeka, Kan., is the owner of one of the good herds of Scotch Shorthorn cattle in Kansas. The herd now numbers about 75 head of the most popular Scotch families. Mr. Holmes is offering a few choice females and a choice lot of young herd bull prospects for sale at very reasonable prices. Those who wish to add some new blood to their herds should write or call and see Mr. Holmes, Route 28, Topeka, Kan.—Advertisement.

Prince of Pathfinders.

John W. Jones, Minneapolis, Kan., is advertising his splendid new boar in this issue of the Kansas Farmer and Mail and Breeze. Prince of Pathfinders is his name and his sire was the great Pathfinder. The dam of the young aristocrat is a granddaughter of the famous Golden Uneeda and also of being pronounced by distinguished judges as one of the best boars of the 1919 spring crop of Duroc Jersey boars. Those of you who know Fairview Orion Cherry King mentioned recently as the great sire at once that this great young boar was purchased to cross on the gilts of this great sire. In the bred sow sale which Mr. Jones will hold at Salina, Kan., Feb. 5, a number of the gilts will be bred to him. Also in his second sale which will be held at Concordia, Kan., Feb. 26, he will sell a number bred to him. Both of these offerings will be advertised in the Kansas Farmer and Mail and Breeze and both afford a great opportunity to buy Duroc Jerseys that will strengthen your herd from a pioneer breeder that has kept his herd up close to the top in most fashionable breeding and individuals that are always right.—Advertisement.

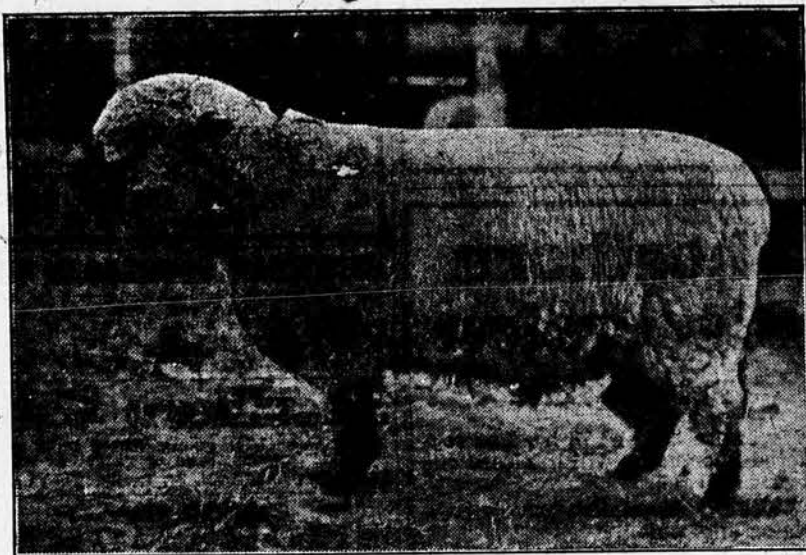
A Great Poland Offering.

The greatest individual and breeding son of the famed Caldwell's Big Bob is recognized everywhere as Crofton's Col. Bob. At the Nebraska state fair last fall he won senior and grand championships. At Topeka he won the same and at the national swine show, at Des Moines he won second. He is owned by Fred B. Caldwell, Topeka, Kan., and is in service at the head of Parkview farm Polands. Probably there is not a breeder of Poland Chinas in Kansas but knows the accomplishment of Caldwell's Big Bob and his get, both in the show ring and as producers of the profitable kind. Fred B. Caldwell moved his herd from Howard, Kan., to Topeka last spring where he purchased the well known Parkview farm joining Topeka. To start with it was highly improved but Mr. Caldwell has greatly improved it with a modern sale pavilion and hog houses. January 20 is the date of an-

Doyle Park Stock Farms

First Annual Shropshire Bred Ewe Sale

To be held in the well heated sale pavilion in Peabody, Kan., January 2nd, 1920



Senator Bibby 17th, (by Bibby Champion) one of the prize winning rams to which ewes in this sale are bred.

100 Head of homebred and imported Ewes

These ewes are bred to the following rams, Senator Bibby 17th (a Son of Bibby Champion) and our Imported Buttar Ram.

We also sell sixteen rams, including three sons of Senator Bibby.

If you want high class Shropshires, you will find them in this sale. We are selling two well fitted show flocks, nothing reserved at this sale.

Send mail bids in our care to Andy Patterson of the Agricultural College, Manhattan, Kansas.

Catalogs will be ready December 20. Mention Kansas Farmer and Mail and Breeze, and address

Homan & Son, Peabody, Kansas

Auctioneers: Newcomb and Snyder.

J. T. Hunter representing Capper Farm Press.

SHEEP AND GOATS.

SHEEP FOR SALE—Shropshires, Cotswolds, Lincoln. Some fine rams, bred ewes, ewe lambs.

L. E. Kuncy, Adrian, Michigan.

JERSEY CATTLE.

TESSORO PLACE JERSEYS

R. of M. Interest—Finance—Owl blood, noted for PRODUCTION, TYPE and CONSTITUTION. Our tested cows average 500 lbs. butter, records made under 5 years old. We offer bulls 2 mos. to yearlings. Cows, bred heifers and heifer calves. Herd in Accredited List, which means 100 per cent clean of T. B. Correspondence and inspection invited.

R. A. Gilliland, Mayetta, Kan.

Hillcroft Farms Jerseys headed by Queens' Fairy Boy, pronounced the best bred Jersey bull in Missouri, a Register of Merit of Raleigh's Fairy Boy, the greatest bull ever imported, 54 tested daughters, 36 tested granddaughters and 34 producing sons. Choice bull calves for sale. Reference Bradstreet.

M. L. GOLLADAY, PROPR., HOLDEN, MO.

REGISTERED JERSEYS FOR SALE

"Hood Farm Breeding." My herd bull Royal Missal's Torino, also three choice bulls by him, ready for service; a few females. Have rented my farm and want to sell.

S. S. SMITH, CLAY CENTER, KANSAS

REGISTERED JERSEY BULLS

Sired by Oakland's Sultan II, \$50 to \$100. Percy L.H. Mt. Hope, Kansas.

SPOTTED POLAND CHINA HOGS.

A Few Dandy Spotted Poland China weanling pigs, registered and immune that we are offering worth the money. Purebred Place, R. 3, Altamont, Kan.

SPOTTED POLAND CHINAS FOR SALE. Boars, extra good bone and length, well spotted. Fall pigs, Iowa, Indiana and Missouri breeding. Registered, delivered and guaranteed to please.

J. E. OLSEN, SEVERY, KANSAS.

RED POLLED CATTLE.

FORT LARNED RANCH

200 HEAD OF REGISTERED RED POLL CATTLE

A number of choice one and two-year-old bulls and heifers from one to three years old.

E. E. FRIZELL & SONS, FRIZELL, KAN.

18 HEAD OF CREMO HEIFERS

For 30 days at \$2000 for the bunch, as I have sold out the balance of my Red Polled cattle, 7 are bred and 7 are early calves. I also have 12 Cremo bulls from calves up to 2 years old; will sell cheap if taken at once. I must close these cattle out at once.

ED. NICKELSON, LEONARDVILLE, KAN.

RED POLLS. Choice young bulls and heifers.

Write for prices and descriptions.

Chas. Morrison & Son, Phillipsburg, Kansas.

FOSTER'S RED POLLED CATTLE

Choice young bulls, priced reasonable.

O. E. Foster, R. 4, Eldorado, Kansas

SPOTTED POLAND CHINA HOGS.

SPOTTED POLAND CHINAS

(Pioneer Herd). The best spring boars I ever raised, sired by Budweiser Boy, priced to sell right now. Also a few tried sows, real brood sow must sell soon.

Thos. Weddle, R. F. D. 2, Wichita, Kansas

OLD ORIGINAL SPOTTED POLANDS

Sows bred and proved. Ready to ship. Young stock of all ages priced to sell. Write your wants to CEDAR ROW STOCK FARM, A. S. Alexander, Prop., Burlington, Kansas.

Large Type Spotted Poland Chinas

Fall pigs, either sex, registered, well spotted, good bone, \$15 each. Satisfaction guaranteed.

R. E. KERLEY, PECK, KANSAS

BOARS well spotted, good breeding, \$25, pedigree furnished. T. L. Curtis, Dunlap, Kan.

SHORTHORN CATTLE.

Shorthorn Dispersion

Private Sale

- 65 cows with calves at foot and bred back.
- 60 cows bred.
- 55 heifers, two years old.
- 50 heifers, yearlings.
- 10 bulls, two years old.
- 20 bulls, yearlings.

Write for prices and descriptions.

C. G. Cochran & Sons
Hays, Kansas

Shorthorn Dispersion

Private Sale

My entire herd of 73 head of registered Shorthorns will be closed out at private sale.

Write for descriptive private Sale catalog just out.

21 bred cows, five with calves at foot.

18 two and three year old heifers, 16 of them bred.

9 Open heifers, 14 to 21 months old.

6 Heifers, six to eight months old.

10 Young bulls, six to eight months old.

Farm joins town. Clay County. Address,

Warren Watts
Owner
Clay Center, Kan.

Park Place Shorthorns

SHORTHORN BULLS, herd header prospects and rugged young fellows for the farmer. SHORTHORN FEMALES, foundation stock for the breeder and others suited to the farmer's needs. If you want cows, heifers or bulls, one to a carload, we can please you. Every animal guaranteed a breeder. Health certificates furnished. Write me when you will call.

Park E. Salter, Wichita, Kansas
Fourth National Bank Bldg.

Tomson Shorthorns

Chief Stock Bulls
Village Marshall; Beaver Creek Sultan.

200 High Class Cattle

Write us when you need a herd bull.

TOMSON BROTHERS

CARBONDALE, KAN. DOVER, KAN.
R. R. Station, Wakarusa on the Santa Fe R. R. Station, Willard on the Rock Island

Choice Milking Shorthorn Heifers for Sale

Bred to very high class bull. They show their breeding as the product of a herd bred for many years for milk and beef. A splendid opportunity to start with purebreds adapted to and profitable under average farm conditions. Few extra good bulls sired by Village Magnet 468996. Considering quality prices are reasonable. Come and see them.
Fred Abildgaard, R. 6, Winfield, Kansas.
Farm located 9 miles east on state road.

SHORTHORN CATTLE.

Amcoats Shorthorns

Scotch and Scotch Tops. Some choice females to sell. Bulls ready for service. Six, two pure Scotch, four Scotch topped.

S. B. Amcoats, Clay Center, Kan.
Visitors met at Rock Island or Union Pacific Depots.

SCOTCH and SCOTCH TOPS

Five yearling bulls, three pure Scotch, two Scotch topped.

Six spring bull calves, pure Scotch and Scotch topped.

Reds, whites, roans. Write for full descriptions and prices.

E. P. FLANAGAN, CHAPMAN, KANSAS
Dickinson County

Bulls Bulls Bulls

8 two-year-old bulls, by Secret's Sultan and Master Butterfly 5th. 12 yearling bulls. Reds and roans.

Can ship over Mo. P. U. P., Rock Island.

W. F. BLEAM & SONS, Bloomington, Kan.

PEARL SHORTHORNS

Bulls, Scotch and Scotch topped, six to 18 months, for sale. Reds and roans. Can ship over Rock Island, Santa Fe, Missouri Pacific and Union Pacific.

C. W. TAYLOR, ABILENE, KANSAS
DICKINSON COUNTY.

RICH ROAN SHORTHORN BULLS

One a growthy 9-month-old polled bull by Snowball and out of a Scotch cow. One low-set, sappy 14-month-old by True Sultan by Sultan of Anoka by Whitehall Sultan and out of Lady Waterloo by Matchless Dale by Arondale by Whitehall Sultan.

OLYDE W. MILLER, MAHASKA, KANSAS

Shorthorn Cattle

For Sale—Five young Scotch bulls and ten head of females, bred or calves at foot.

H. H. HOLMES, R. F. D. 28, Topeka, Kan.

SUNFLOWER SHORTHORNS

Herd headed by Golden Laddie. Some extra good young bulls and a few females for sale. No Sunday Business.

J. A. PRINGLE, ESKRIDGE, KAN.

R. E. Sta., Harveyville, 25 mi. S. W. Topeka.

HUNT BROS.' SHORTHORNS

We have some good young bulls for sale, from 6 to 20 months old. Also some cows, heifers and calves. Write your wants.

HUNT BROS., BLUE RAPIDS, KANSAS

4 Good Shorthorn Cows, Registered

Bred to Orange Sultan 533799, four nice roan heifers 8 months old, 2 bulls six months old, one white, one roan; calves from Orange Sultan.

Charles Hothan & Son, Scranton, Kansas.

Saline Valley Shorthorns For Sale

Registered bulls, all reds, 6 to 20 months old. For descriptions and prices write O. O. Runyan, Ogallah, Kan.

GROSNICK FARM SHORTHORNS

Good husky bull at a low price. Herd headed by Color Bearer, grandson of Avondale.

O. E. R. Schulz, Ellsworth, Kansas.

FOR SALE: Registered Shorthorn bull, coming 2 years old. Oscar Dyer, R. 7, Ottawa, Kan.

POLLED SHORTHORNS.

Polled Shorthorns (Polled Dunhams)

Over 175 purebred cattle in our herds. Herd headers: Roan Sultan, Sultan's Pride, Scottish Orange and Grand Sultan. 25 bulls for sale, 8 months and up; reds, whites and roans; halter broke; \$75 to \$1,000. Registered, transferred, tested and guaranteed free. Meet trains at Plevna or Sylvia. Phone Plevna 2303, our expense. No business on Sunday.

J. C. BANBURY & SONS, PLEVNA, KAN.

10 Polled SHORTHORN Bulls

Big husky reds and roans 12 to 20 mos. old. Priced to sell. Can spare a few females.

O. M. HOWARD, HAMMOND, KANSAS.

POLLED SHORTHORN BULLS

Am offering for quick sale four polled bulls, 2 reds and 2 roans. Also an excellent roan Shorthorn at a bargain price, sired by Roan Hero.

A. I. MEIER, ABILENE, KANSAS.

AYRSHIRE CATTLE.

CAMPBELL'S AYRSHIRES

Young Ayrshires, both sex, bulls ready for service, heifers bred or open. Finlayston and Armour strains.

ROBERT P. CAMPBELL, ATTICA, KAN.

GALLOWAY CATTLE.

Jno. P. Reilly & Sons

Quality Galloways

For sale—10 bulls, coming two years old. 15 bull calves, six to eight months. 60 females to select from, 6 months old heifers to young cows. Address

Jno. P. Reilly & Sons, Emmett, Kan.
7 miles north of St. Marys, main line U. P.

nual bred sow sale which will be held at Parkview farm joining Topeka. In the sale will be 50 bred sows and gilts that will hardly be duplicated anywhere in Kansas this coming winter. The offering is selected from a large number and only the toppest go in this sale. It will be an offering, not only of the most fashionable breeding but one of wonderful individuals. Do you fully realize Mr. Kansas Breeder, the opportunity afforded in a sale like this where only the very best sows and gilts are bred to such boars as are owned by Mr. Caldwell to secure a litter from which you could select a herd boar that would cost you next fall several times what the sow will cost you? This opportunity is not afforded in every sale of Poland Chinas but it certainly is in this sale. The sale will be advertised in the Kansas Farmer and Mail and Breeze and I will have more detailed information in forthcoming issues. You can ask for the catalog right now and receive one as soon as they are off the press. Better write today. Address Fred B. Caldwell, Topeka, Kan.—Advertisement.

Some Good Jacks and Percherons

Al E. Smith, Lawrence, Kan., Rural Route 1, is advertising Jacks and Percherons in this issue of the Kansas Farmer and Mail and Breeze. For almost 30 years Al Smith has been before the Percheron horse and jack buying public and during that time he has sold Percherons and Jacks all over the west and earned for himself and for his breeding establishment a reputation for square dealing that is worth more than can be estimated in dollars and cents. This winter he has some exceptional Percheron mares for sale. Possibly no other breeder can offer as desirable a lot of mares and young stallions and big Jacks as Al Smith of Lawrence this winter. Write for descriptions and prices.—Advertisement.

BY J. T. HUNTER

Woodell's Durocs.

G. B. Woodell, Winfield, Kan., has a good lot of spring Duroc boars, most of them sired by his champion breeding boar, Chief's Wonder. These boars will be sold at very reasonable prices to make room for fall pigs. Mr. Woodell will hold his annual spring sale as usual. At present he is getting ready to build a new hog house and sale pavilion. A letter to Mr. Woodell will bring information concerning these boars for sale. Please mention Kansas Farmer and Mail and Breeze.—Advertisement.

The Big Shropshire Sale.

The big Shropshire sheep sale of the season will be that of Homan & Son, Peabody, Kan. Announcement (showing photo of one of the prize winning rams to which ewes are bred) appears in this issue. Catalogs should be secured by every interested party. All you have to do is to write Homan & Son, Peabody, Kan., and mention this paper. The advertisement gives some idea of the importance of the sale, but it takes the catalog to show what the sale really contains. Get the catalog and note especially the provision for those who cannot attend. Agricultural college experts will handle orders in the buyer's interest. Orders can be addressed to these men or to J. T. Hunter of this paper, in care of Homan & Son. Do not fail to get this catalog at once.—Advertisement.

Kansas National Show and Sales.

Frank Kirk writes us that the Kansas National Livestock Exposition at Wichita, is making more rapid growth than any institution of like character in the United States. And he should know for he is the man at the wheel of the Kansas National. Since the first exhibition was held in temporary buildings February, 1917, over a million dollars have been spent in the construction of fireproof buildings. The fourth annual Kansas National will be held at Wichita January 26 to 31. Although entries do not close until January 10 enough breeders have already engaged stall room to insure a show fully double in size of the last one. The Kansas Sales this year will eclipse all previous ones. More grand champion blood has been assembled for the Hereford and Shorthorn sales than has ever been offered in the Southwest. The sales will include 100 Shropshire sheep; 175 Herefords; 175 Shorthorns; 75 Holsteins; 60 Angus; 100 Percherons; 25 Belgians; 30 Jacks and jennets 60 Polands and 60 Durocs. Get in line for this great show and sale now. Send to Frank S. Kirk, Wichita, Kan., for the great catalog illustrated with 75 photos of animals represented in the show and sales. The catalog is free but you better get yours early. When writing Mr. Kirk be sure to mention this paper as the management wants to know where you heard of the show.—Advertisement.

W. C. Cummings's Herefords.

W. C. Cummings, Hesston, Kan., a very few years ago began to raise registered Herefords. He has succeeded admirably well because he selected good foundation stock and took good care of it and the increase. Today he has as fine a small herd of Herefords, mostly young animals as the farmer can find in many miles' travel. Anyone who steps into Mr. Cummings's feed lots and takes a look at his group of 12 yearling bulls all marked nearly alike, particularly so as to facial expression and body conformation, and then takes a look at the yearling heifers marked very much alike also and bulls and heifers, healthy stretchy individuals, too, such a person quite naturally is impressed with the idea that Mr. Cummings must have an unusually good breeding bull around the place somewhere. And he would be right too, because he does have such a bull; a Columbus Anxiety bred bull on the sire side and Anxiety on the dam side. Mr. Cummings will sell at private treaty now 12 yearling bulls, but none of the yearling heifers. Seven of these bulls are registered and 5 are unregistered. This is unfortunate for Mr. Cummings because these bulls must go at lower prices than the registered also the same breeding. All of these bulls will make most excellent farm bulls. At the Breeders' sale at the Kansas National at the Wichita Forum, Jan. 26-31 Mr. Cummings will sell his good herd bull and 3 senior yearling bulls by him as well as 6 cows and heifers. This herd bull is being sold because Mr. Cummings no longer has use for him as he is the sire of most all of his young Herefords. This consignment to the Breeders' sale at the Kansas National will be of superior quality and it will pay prospective buyers to look for Mr. Cummings's consignment. Meanwhile if you want a good bull you should write today to Mr. Cummings. He starts an advertisement in this issue of the Kansas Farmer and Mail and Breeze. Please mention Kansas Farmer and Mail and Breeze when you write. His address is W. C. Cummings, Hesston, Kan.—Advertisement.

HEREFORD CATTLE

All My Herefords

At Bargain Prices

20 bred cows at \$200 each.
10 heifers, 6 to 18 mo. old, \$85 to \$175 each.
22 bulls, 6 to 24 mo., \$75 to \$150 each. One herd bull at \$250.
These prices for immediate sales. Address,

Fred O. Peterson,
Lawrence, Kansas

Discriminating Hereford Buyers We Offer NOW

12 coming yearling bulls, Columbus, Anxiety strains. Bred by countenances, character and proper conformation. Un-pampered but in better than pasture condition. 7 registered, 5 unfortunately for me are unregistered but equally well bred. All high class farm bulls.

We WILL Offer

At the Breeders' Sale, Kansas National, Wichita, Kan., Jan. 26-31, 4 bulls, 5 females; 1 magnificent herd bull, 3 senior yearlings, and 5 cows and heifers. Superior specimens. Look for my consignment at this sale. Meanwhile, if you want one or more of the 12 yearling bulls write now to

W. C. Cummings, Hesston, Kansas

Blue Ribbon Stock Farm

HEREFORDS

200 cows, heifers and bulls—200. Chief herd sire, Don Balboa 14th 596021 by Don Carlos, a bull with over 40 Gudgeall & Simpson crosses. Mated with 60 two-year-old heifers sired by Sir Dare 417529 by Paragon 12th. We have what you want and the prices are in line.

Lee Bros., Harveyville, Kan.
Wabaunsee County

PLEASANT VIEW STOCK FARM

Herefords, Percherons, Durocs

For sale. Five bulls from 10 to 12 months old, by Dominoe by Domino. A nice string bull calves and six bred cows. A nice young stallion. Address,

Mora E. Gideon, Emmett, Kan.
(Pottawatomie county)

Anxiety and Fairfax

HEREFORDS

Females bred to sons of Bright Stanway and Perfection Fairfax. Herd header bulls ready for service. Open heifers. Write today to

J. B. GOODMAN, WHITE CITY, KAN.

ABERDEEN ANGUS CATTLE.

Angus Cattle

15 bulls, 15 to 22 months old. Heifers of all ages. Some bred, others open. Cows with calves at side others bred. All at reasonable prices. Come or write J. D. MARTIN & SONS, R. F. D. 2, LAWRENCE, KANSAS.

Aberdeen Angus

For sale—40 two-year-old bulls and 30 yearlings, 25 two and three-year-old bred heifers.

SUTTON FARM, R. 6, LAWRENCE, KAN.

Angus Cattle—Duroc Hogs

For immediate sale: Car load of pure bred heifers. Young bulls of scrytable ages.

Johnson Workman, Russell, Kan.

Aberdeen Angus Cattle

Cows, heifers and calves; good strains, priced for quick sale. Write H. L. Knisely & Son, Talmage, Kansas.

HAMPSHIRE HOGS.

White Way Hampshires

On Approval

Choice large type spring boars and gilts (open or bred) weighing 175 to 240 each. This herd won high est honors at Kansas State Fair in 1918 and 1919. Best of blood lines.

F. B. WEMPE, FRANKFORT, KANSAS

MESSINGER BOY HAMPSHIRE

200 registered and immuned hogs. Write

WALTER SHAW, R. 6, WICHITA, KANSAS

COLORADO RAISED HAMPSHIRE

Have some fine spring boars to sell. Registered. Henry Binard, Burlington, Colorado.

BY J. COOK LAMB

Hereford's Annual Red Letter Days.

Each year the Hereford fraternity look forward to the great days of the annual Mousel Brothers' sale at Cambridge, Neb. No less than the bona fide members do the aspirants to the fraternity look forward to these same days. For whether they class themselves as old timers or novices every man interested in Herefords knows that the Mousel sale will prove rich in educational advantages to him. At this great get-together meeting they not only meet and exchange views with others of like interests but they have the chance to see the greatest individuals of that greatest of all families, January 4th. This year the sale will be held January 4th, 5th and 6th. The first day will be visiting day—a day to look at the cattle and meet the old friends you have not seen before, perhaps, since Mousel's last sale. The second and third days will be real cattle selling days. Days when the cattle will enter the ring in numbers and when the cattle that do enter the ring will be carrying the blood that can safely be carried to any herd to work an improvement. If the Mousel sale carries interest to the established breeder how much greater an interest it should carry to the man who is just starting. Years can be saved by a right start. One good cow with the blood behind her to enable her to carry on and bred to a great bull will bring greater returns than the herd of cows that fail to transmit the most desirable characteristics of the Hereford breed. The Mousel catalog is ready. Beginner or veteran alike cannot afford to miss the catalog of the sale. Write for it now, mentioning this paper. And while you are at it turn to the Mousel ad in this issue and read the story of a great beginning that is told there.—Advertisement.

BY O. W. DEVINE

Jones Bros.' Milking Shorthorn Sale.

The Jones Brothers of Hiawatha, Kan., have announced January 17 for a reduction sale of Shorthorn cattle. On this date, they will sell seven head of young bulls; two white, three roan and two red; twenty-four head of extra good cows, most all of them have calves at foot or bred to drop calves early in the spring. Among these will be nine head of choice roan cows, and 15 head of extra well bred red cows with large calves at foot and rebred to Scotch bulls, 11 head of yearling heifers. All the cattle are registered and are a useful lot of breeding stock. The cattle come from some of the best families of milking Shorthorns and are the profitable kind for any farmer. Such bulls as Silk Goods, Rosedale and Good Goods have been used in this herd. Please watch for later advertisement of this sale and later mention of this herd. Catalogs are now in print and can be had for the asking. Please mention this paper when you write.—Advertisement.

E. L. Dolan Poland China Sale.

Among the young Poland China breeders who have made rapid advancement in the last two years and justly deserve success is E. L. Dolan of Platte City, Mo. The reputation of this herd is rapidly gaining popularity among farmers and breeders. Mr. Dolan has announced February 3 for his next annual bred sow sale and on this date he will sell 45 head of sows and gilts that promise to be the equal of any offering that will be sold in any sale this spring season. The offering will be bred to Sergeant Gerstale Jones by the Gerstale Jones and Glant-Liberator by Liberator and out of the \$1800 brood sow, Mary Pickford. This young hog is a very promising herd boar prospect and sows bred to him should be in demand. The herd boars used are Timm Hercules, by Fessy's Timm, is also being used in the herd. Catalogs of this sale are now in the printer's hands and will be ready to mail out. They give complete and valuable information of the herd. Those wishing this information should write at once to E. L. Dolan, Platte City, Mo., and kindly mention this paper.—Advertisement.

Dean's Poland China Sale.

Poland China breeders in Kansas and Missouri will be pleased to learn the announcement of February 4 as the date for the annual bred sow sale of Clarence Dean, Weston, Mo. The sale will be held at Dearborn, Mo., where the Rock Island and the Great Western have good train service in addition to the hourly service of the electric line from Kansas City and St. Joe. The Poland herd represented is headed by the very promising herd boar—Dean's Big Timm by the champion Big Timm and out of an A Wonder dam; Dean's Big Model by Dean's Big Timm and out of a Long Big Bone dam; and Black Orange by Mouw's Black Chief out of an Orange Boy dam. Black Orange is the chief herd boar and is probably one of the best bred Poland boars in western Missouri. His breeding is practically the same as Long Big Bone and Smooth Big Bone. About one-half the sale offering will be bred to Black Orange for early March farrow. Mr. Dean is one of the reliable Poland China breeders and is a strong believer in purebred stock on every farm. Every Poland breeder will do well to write Mr. Dean for a catalog of purebreds this will be an unusually good opportunity to get the right start. When writing please mention this paper.—Advertisement.

BY J. PARK BENNETT

Everman's Spotted Poland Sale.

The Everman Stock and Poultry Farm, Gallatin, Mo., will hold a Spotted Poland China sale, January 12. They have over 500 head in their herd and they are the better type of Spotted Poland. In addition to the hogs they are holding for the sale they have a choice bunch of spring boars ready for service. Write them for prices and if they have the boar to meet your needs they are in a position to ship at once.—Advertisement.

BY S. T. MORSE

Polled Shorthorn Bulls.

C. M. Howard of Hammond, Kan., is advertising 10 head of good bulls ready now for service. These bulls are sired by the Double Standard, Scotch bull, Forrest Sultan, by Sultan's Creed. These thick fleshed fellows ready for service. Many of them good enough to head purebred herds, in fact they are an extra good lot of big, growthy bulls and are priced worth the money. Mr. Howard can spare a few females now. Write to him at once and mention the Kansas Farmer and Mail and Breeze.—Advertisement.

Holsteins Are Making the West a Dairy Country And Cashing Farm Feeds for the Highest Dollar

Sunflower Herd Holsteins

The better class of females headed by a great sire. Stock for sale at all times. Write your wants and I will send particulars. F. J. Searle, Oskaloosa, Kan.

Harry Mollhagen, Bushlon, Kan.

In our herd are 13 cows with an average of 23.77 pounds butter in seven days. Bull calves from dams with records from 22 to 28 pounds. Health of herd under federal control.

Ben Schneider, Nortonville, Kansas

Six Holstein bulls, 6 months old to yearlings; 1 from 25-pound, 1 from 21-pound cow; 1 from 17-pound 2 year old. Priced to sell. Duroc gilts priced right.

Chas. V. Sass, 409 Minn. Av., Kansas City, Ks.

10 registered cows and heifers, also 20 grade cows and heifers. 10 registered bulls, three months to three years old. Registered cows \$175 per head up. Grade bred heifers \$125 up. Bull calves \$90 and up.

Windmoor Farm Holsteins

For sale—Bull calves sired by 30-lb. son of Johanna McKinley Searle and out of good dams; \$50 and up. For particulars write. CHAS. C. WILSON, MANAGER, EDNA, KANSAS.

David Coleman & Sons, Denison, Kan.

We have bull calves for sale from cows with semi-official yearly records.

Axtell & Hershey, Newton, Kan.

For sale—A beautiful, straight, almost white bull, whose dam gave 110.8 lbs. of milk in a day, and 730 lbs. of milk in seven days.

P. W. Enns & Son, Newton, Kan.

As we will keep purebreds only in future our high grade cows and bulls will sell to first applicant. Dams of these grades made from 13,000 to 16,000 pounds milk.

R. E. Stuewe, Alma, Kan.

For sale—10 cows with A. R. O. records. Five bulls 10 mo. old, five two-year-old heifers and five yearlings.

Victor F. Stuewe, Alma, Kansas

BARGAIN—7 Holsteins at \$120 each; including 6 springing grade heifers, 2-year-olds, and one 3-month-old bull. Extra fine lot, plenty size, good milking families. Some calves in 2 months, 1 fresh with heifer calf, others due later.

W. J. O'Brien, Tonganoxie, Kansas

An experienced auctioneer, specializing in Holstein sales, and breeder of registered cattle.

Chas. H. Seifert, Leavenworth, R.D. 4

—Sunnyside Dairy Farm
For sale—Bull calf out of 26 pound dam and sired by my herd bull, Prince Wayne Skylark De Kol.

J. A. Jamison & Sons, R. D. 2 Leavenworth, Kan.

Southside Holstein-Friesian Farm
For sale—A few very choice young bulls, out of A. R. O. dams, ready for service this fall.

W. E. Zoll & Son, R. D. 6, Leavenworth, Kan.

Two very well marked registered bulls for sale. Ready for light service. Priced right.

C. A. Trell, Bonner Springs, Kan.

I offer for sale my 30 pound herd bull, King Peter 18. He is nearly white, five years old and sold fully guaranteed. Write at once.

Dr. L. E. Shay, Atchison, Kansas

For Sale: Registered Holstein yearling heifers and 2 royally bred bulls from A. R. O. dams, and old enough for service.

NEED A BULL? (Holstein of Course)

We have a splendid lot of young bulls that we want to move quickly and are pricing accordingly. They run in age from a few weeks to over 1 year; are splendid individuals, most of them light in color. Their dams have A. R. O. records of from 16 pounds, as 2-year-olds, up to over 30 pounds as mature cows. Some of them are sired by the great CANARY PAUL FOBES HOMESTEAD—the greatest bull in Kansas. Write us just what you need in the bull line. We have it.

STUBBS FARM CO., Mark Abildgaard, Mgr.

Mulvane, Kansas

High Grade Holstein Cows

For sale: 20 head coming two and three year old heifers, 10 head cows, mostly springers.

REGISTERED HOLSTEINS

Serviceable bulls and a few females for sale. ORIN R. BALES, PROP., Valley Breeze Farm, Lawrence, Kan.

Registered Holstein Bull For Sale

King Lunde Asgrie 214067; born April 22, 1917; sire, King Pontiac Ormsby 53872; dam, Lucy Nannie Pontiac 350940. GLEN O. IREY, Powhattan, Kan.

CHOICE HIGHLY-BRED HOLSTEINS

Calves: 12 heifers and 3 bulls, 6 to 8 weeks old, nicely marked, from heavy producing dams, \$25 each. Safe delivery guaranteed. Fernwood Farms, Wauwatosa, Wis.

Advertisers in this Department are Members of the Holstein-Friesian Association of Kansas.

G. B. APPLEMAN, Pres., Mulvane, Kan.

P. W. ENNS, Vice-Pres., Newton, Kan.

A. S. NEALE, Sec'y-Treas., Manhattan, Kan.

W. H. MOTT, Sale Mgr., Herington, Kan.

Annual meeting and two days' association sale, Topeka's big, modern sale pavilion, Topeka, Kan., March 23-24.

SAND SPRINGS FARM

Specialize in long time test—persistence means profit. Several young males from record cows. No grades. Herd sire Prince Ormsby Pontiac Mercedes from 32-lb. daughter of Sir Pieter Ormsby Mercedes, E. S. ENGLE & SON, ABILENE, KAN.

G. Regier, Whitewater, Kansas

Bulls ready for service by a 30 pound bull and out of A. R. O. dams. Correspondence cheerfully answered, inspection invited.

Geo. L. Allgire, Clay Center, Kan., R. D. 8

Farm near town. Individual production rather than numbers. Something to offer later on.

Blue Ribbon Stock Farm Holsteins

When you want anything in the purebred line. Sons and daughters of Fairmount Johanna Futzette 78903, a 34½ pound bull. Write us or see LEE BROS., HARVEYVILLE, KANSAS

J. P. Mast, Scranton, Kansas

Ten cows and heifers, some just fresh; three bulls ready for light service; 32 to 35-pound breeding.

Dr. W. E. Bentley, Manhattan, Ks.

For sale—Seven cows and some heifers due to freshen this fall. Five cows (grades) to freshen this fall and winter. Two registered bulls old enough for service. Selling grades to make room for purebreds.

Ross' Holsteins

Bull calves by Hamilton Prilly 5th whose dam made a record of 28.49 lbs. butter in 7 days, 165.6 lbs. in 30 days. Picture sent on application. S. E. ROSS, R. 4, IOLA, KANSAS

Hillcrest Farm

A few young bulls out of A. R. O. dams ready for service this fall. Inspection invited. FITZGERALD, PETERSON & WEDDLE, Jamestown, Kansas

Geo. Lenhart, Abilene, Kansas

It is poor grade judgment to use a grade bull when you can "swap" him for a purebred ready for service by December.

PERSISTENCY IN PRODUCTION

The dam of Vanderkamp Segis Pontiac, our herd sire, is one of only 19 cows in the world to make 30-pound records for 4 consecutive lactations. Young bulls for sale by this sire \$100 and up.

Collins Farm Company, Sabetha, Kansas

A. S. Neale, Mahattan, Kan.

We have decided to sell a few yearling and two-year-old heifers and a few cows fresh early this fall. Act quick if you want them.

C. A. Branch, Marion, Kansas

Clear Creek Holsteins—Have a number of open and bred registered heifers to sell. Some young bull calves. Buy a good bull calf and raise your own sire.

Absolute Dispersal Sale

With greatest regret I announce the entire dispersal of my great herd of registered Holstein cattle at **Manhattan, Kansas, February 5 and 6**

Other business interests demand my time to such an extent that I will be unable for the next two years to give my cattle the personal attention they should have. Rather than slight them I have decided to close them out. I have been breeding purebred Holsteins for over twelve years and during this time not only have bred a lot of good ones, but have bought several of the best herds in the country. These have been carefully culled and only the tops have been retained in the herd. It is these tops I will sell in this sale—150 tops of nearly 1000 good cattle. The cows are those I absolutely refused to price, and the younger things are their offspring by great bulls.

This sale will be the greatest opportunity ever offered in the middle west to buy real herd foundations. Watch for further announcements. In the meantime get your name on the list for a catalog.

Remember the date is Feb. 5-6; the place, Manhattan, Kansas.

A. S. NEALE, MANHATTAN, KANSAS**HOLSTEIN AND GUERNSEY CALVES**

\$1-\$25 pure, 7 weeks old, beautifully marked, \$25 each, crated for shipment anywhere. Bonds accepted. Edgewood Farms, Whitewater, Wisconsin

REGISTERED HOLSTEINS

Bull 2-year-olds, extra fancy; cows, heifers and calves. Very cheap, as I have sold my dairy farm. S. T. HOLCOMB, Powhattan, Kan.

TWO REG. HOLSTEIN BULL CALVES

For sale; good type, size and color; King Segis Pontiac breeding from good cows. H. L. WHITE, R. 6, INDEPENDENCE, KANSAS.

REGISTERED HOLSTEIN BULLS

for sale. Good breeding. Priced right. J. A. Forth, Overbrook, Kansas

Grade Holstein Heifer Calves for Sale

well marked, nicely crated, satisfaction guaranteed, \$25 each. A. L. Rasche, Lake Mills, Wis.

Braeburn Holsteins

Bulls and bull calves. One sire has a world-record dam and sire's dam; the other averages 648-32.62 for dam and sire's dam. H. B. COWLES, 608 Kan. Ave., TOPEKA, KAN.

BULLS

We have 6 head now ready for service, purebred and registered, out of high testing dams. Prices \$100 to \$150.

LILAC FARM DAIRY, R. 2, TOPEKA, KANSAS

SHUNGA VALLEY HOLSTEINS

Cows and heifers, registered and high grade, grand-daughters of King Segis Pontiac bred to son of King Segis Pontiac Konigen. Bulls ready for service. Must reduce our herd about 20 head soon.

Ira Romig & Sons, Sta. B, Topeka, Kansas

Four Bulls for Sale

Two are young calves; others 7 months and 2½ years; the older ones by a 40-pound sire and the oldest out of a 22-pound dam. All registered. W. B. VAN, HORN & SONS, R. 1, Topeka, Kansas

T. M. Ewing, Independence, Ks.

King Segis Pontiac breeding. A few young cows for sale and bull calves ready for service this fall.

Albechar Holstein Farm

A few young bulls, of good breeding and individuality and of serviceable ages, for sale. Write for prices. Robinson & Shultz, Independence, Kansas

Mott Bros. & Branch, Herington, Kan.

Maplewood Farm
22 purebred two-year-old heifers coming fresh this fall. 22 yearlings, open. Write now if interested.

Roy Johnson, South Mound, Kansas POSTOFFICE ERIE, KAN.

6 cows and heifers for sale, one just fresh, others soon, extra good milkers priced right.

BULLS

We have some splendid bulls for sale at very reasonable prices; from a few weeks to 1 year old; dams' records from 16 lbs. (2-yr.-old) to over 30 lbs. Write us just what you need in bulls.

Mark Abildgaard, Mgr., Mulvane, Kansas

Appleman Bros., Mulvane, Ks.

Young cows due to freshen soon all sold. Still have 2 or 3 young bulls old enough for service out of A. R. cows and 30-pound bull.

B. R. Gosney, Mulvane, Kan.

Coming 2-year-old heifer, heavy in calf to King Pontiac Beuchler; 6-month-old heifer calf, double cross of the Pontiacs breeding.

AL Howard, Mulvane, Ks.

Bulls ready for service this fall. Write for descriptions and prices.

Wilkie & Swinehart, Derby, Kan.

Bull calf, evenly marked, out of the great show bull Johanna Bonheur Champion 2nd. Price \$100 F. O. B.

Bull Calves by Our Herd Sire

Dam has 28.65-784—in 7 days; has 1000 lb. sister, age 34, one 30 and 11 above 20. A few services for sale to approved cows. We have all A. R. O. Cows. GOODIN STOCK FARM, C. L. GOODIN, PROPRIETOR, DERBY, KANSAS.

Chas. P. High, Derby, Kansas

High's Highest quality Holsteins. Bull calves from A. R. O. dams. Always glad to see you.

D. E. Flower, Mulvane, Kansas

For sale—A few very choice A. R. O. cows and heifers to freshen in October and November. Also bulls of serviceable ages.

W. H. MOTT, HERINGTON, KANSAS

Sales Manager. A knowledge of public sale management enables me to render valuable assistance in conducting Holstein sales. Write for terms and dates.

Persistency Production

In one of the most desirable qualities a dairy animal can have, Vanderkamp Segis Pontiac is our herd sire. His dam is one of less than 20 cows in the world to produce over 30 pounds of butter in 4 consecutive lactation periods. Twenty-three of his nearest dams average over 27 pounds of butter in 7 days. We have several young bulls to offer sired by this remarkable bull. Prices \$100 and up.

COLLINS FARM CO., SABETHA, KANSAS.

DAIRY FOR SALE

All or one-half interest in herd of high grade Holstein cows and heifers; 2 miles of Lawrence, Kan., concrete road. Possession now. H. A. Tuttle, R. 1, Lawrence, Kan.

HERD BULL FOR SALE: King Segis Pontiac Neko 208768 B. C. Day, Sibley, Kansas.



"Mary Ellen Gets her Bathtub"

Mary Ellen Wells was born on a farm. She lived on one until her bright mind shone forth with such luminescence that the city people, following their usual custom of culling the country's best, stole her away for a teacher. Years later, when her old schoolmate, John Page, insisted that she concentrate in her work, reducing the number of pupils to one and her schoolhouse to the old Page homestead, her immediate question was "How can I get along without my bathtub?"

Mary Ellen got her bathtub all right. Doctor Lerrigo, in a very interesting article that will appear in the January issue, tells why Mary desired this piece of household equipment so greatly. It appears from what is said in this article, that the bathtub is necessary for three things—cleanliness, decency and health. Doctor Lerrigo, of course, writes more especially of the latter subject.

These Farmers Make Money Thru Organization

The strong tendency of American farmers to organize for their protection and to carry on their business more expeditiously, has been very apparent in the last few months. One reason for this is the necessity for organizations arising out of the disturbed economic and business conditions of the present time. The rapid organizations of the various kinds of farmers' associations is just another indication that the farmer has come out of his field and barnyard and is thoroly awake to the big problems of agriculture. A page of letters telling how organizations have helped the readers of *Capper's Farmer* will appear in the January issue. These letters are from the farmers who were actually helped.

Other Articles We Expect to Have

- Reviving an Orchard with Dynamite.
- Dairy Cows Help Tenants to Buy Farms.
- Kindness to Motor Trucks Means Long Service.
- Putting up Ice.
- When to Sell Raw Furs.
- The Adventures of Hi Hoover—Colored comic page.
- The Voice of the Farmer—consisting of letters showing the trend of public opinion among the farmers of the Great West.
- Editorials by Henry Hatch—A Kansas Farmer.
- Cover in colors by Lockwood.
- Cartoons by Lockwood and Hoag.

10¢

Will bring You a "Farm Paper" that is Different

Capper's Farmer, published by United States Senator Arthur Capper of Kansas, is a farm paper that is different. It is edited on the farm by a farmer and for the farmer. It is published in the heart of the greatest agricultural country in the world. It stands for a square deal for the consumer and fair profits for the producer thru eliminating grain gamblers, market jugglers, and other trusts and combines. For that great body of American Farmers who live with ideals, who want to be progressive, there is no such favorite as *Capper's Farmer*. There is a department for the women folks, boys and girls, marketing, livestock, poultry, dairy, field crops, farm machinery, horticulture, health etc. In addition to the regular editorials Senator Capper's Washington Comment is one of the most interesting and instructive.

What Modern Machinery Means to Agriculture President Wm. M. Jardine of the Kansas State Agricultural College will have an article in the January issue concerning the place farm machinery holds in agriculture, referring especially to the tractor and motor truck. Other special tractor and motor truck stories will appear in the January issue.

What the Federal Land Banks Can Do for Farmers Another article which will serve our readers in keeping them informed of the business conditions affecting agriculture will be one written by Frank G. Odell, Director of the Capper Research Department. This article will concern the work of the Federal Land Banks, giving the farmers some needed information.

The Future of Livestock Markets Owing to disrupted markets and falling prices, the livestock business for the moment is somewhat chaotic, a number thinking that the American livestock producers are going out of business entirely or very largely. Perhaps there will be a considerable readjustment in their business. Some indications of what may take place will be given in the January issue in an article by F. B. Nichols, which will consist mainly of interviews with some of the most far-sighted stockmen of the country. Mr. Nichols attended the International Livestock Show and as he talked with the very best of the stockmen of America, he ascertained what the plans are for the next year or two.

The Real Good Roads Issue The need of good roads, as a Missourian sees it, is presented in the January issue by A. A. Jeffrey. This is not the ordinary good roads article. The author puts the whole proposition on the basis of the necessity for a better transportation system. The farmer, he says, is not ready to build good roads until he first is convinced of their necessity. Apparently there are some farmers who don't yet see the necessity for better roads. They will be fewer after Mr. Jeffrey's article appears.

Stories That the Pioneers Tell A page of remarkable human interest material will be printed in the January issue. This page will contain letters from the old settlers—the pioneers who helped to build our country. There are elements to interest every member of the family—Indian tales to delight any youngster's heart, tales of privation and devotion to their family that will fill the young people with courage, while the older folks will read these letters and say, "That is just as mother and father used to say."

10c—Our Introductory Offer—10c

In order to introduce this bright and breezy farm paper into new homes we will send the paper six months for only ten cents (stamps accepted). This is a special offer, good for ten days only. You should send in your dime today. Use the coupon below and do it NOW. You can't afford to miss a single copy.

CAPPER'S
FARMER

The Sleeves-Rolled-Up
Farm Journal
That is Different

CAPPER'S FARMER, Topeka, Kansas

Gentlemen: Enclosed find 10 cents for which send me *Capper's Farmer* for a term of six months.

M.B.

Name

Address