

October 19, 1918

# The FARMERS MAIL AND BREEZE



Vol. 48 No. 42

## Good Crop Rotations for Kansas

By L. E. Call  
Specialist in Agronomy

**G**OOD ROTATIONS of crops will save and distribute labor. It is therefore important that every farmer study at this time his farming system to see if, by readjustments in the cropping plan, it may not be possible to utilize more efficiently the labor on the farm. The state has been drained of skilled farm labor to the point where the most efficient management of the farms will be necessary to maintain the present standard of production, and it is absolutely necessary to maintain production if our soldiers abroad, our working people at home, and our allies are to be well fed.

All crops do not require labor at the same time. A diversity of crops, in a good rotation, distributes the labor thruout the crop season, while the one-crop system requires a bunching of labor at a given season of the year. Wheat sown in the fall requires but little labor at the time that it is necessary to work ground for corn and the sorghums. Alfalfa and grasses, which are included in most good rotations, may be utilized in part profitably as pasture, thus saving labor.

Livestock can be kept most profitably on farms when a diversity of crops is grown. Livestock provides work during the winter and thus makes it possible to hold labor thruout the year that could otherwise not be profitably employed.

The proper sequence of crops in a rotation affords opportunity to save labor. As an example, wheat or oats after corn saves plowing or listing, and as good or a better seed bed is obtained with a disk in this way without plowing. In Eastern Kansas oats and wheat may be used as a nurse crop for timothy, clover, or alfalfa, and thus utilize the land while the grass is starting, as well as save labor.

A good crop rotation is the first requirement of any plan designed to maintain the fertility of the soil. Without a good rotation it is impossible to maintain the supply of organic matter in the soil, and without organic matter the productivity of the soil rapidly declines. It is therefore imperative that greater effort be made to use every possible source of supply of organic matter. The first essential is a cropping system that includes a leguminous, or grass crop. However, even a small grain crop alternated with corn will maintain the organic matter much better than corn grown continuously, but where leguminous crops like alfalfa, Sweet clover, Red

clover, or cowpeas are introduced into a rotation the supply of organic matter is better maintained. This point is well shown by the results obtained at the Kansas State Agricultural college at Manhattan last season, when the yield of corn grown on land cropped to this crop continuously for eight years is compared to the yield of corn grown in rotation with other crops.

Last season on upland soil, where corn had been cropped continuously for eight years, the yield was but 17½ bushels an acre. In a simple

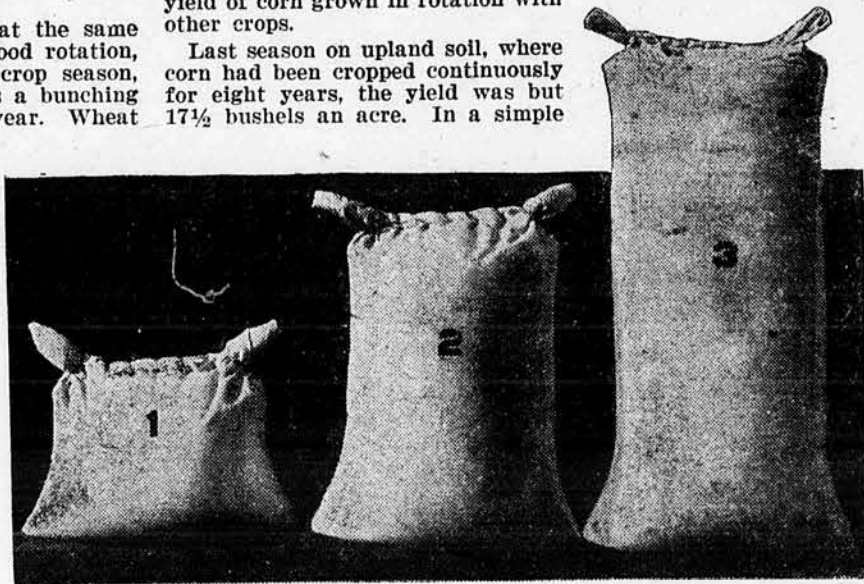
year corn, third year corn, fourth year oats or wheat, and fifth year wheat with which Red clover is seeded. Farther south, kafir may be substituted for the first crop of corn in the above rotation. In the section of Southeastern Kansas where Red clover is an unsatisfactory crop, cowpeas should be used. In this section of the state, a crop of cowpeas can be grown for hay or pasture, after harvesting a crop of wheat. The ground can then be planted to corn or kafir the following season.

Good rotations for Central Kansas do not differ materially from those already described except that alfalfa is grown. Where this crop is a success it should by all means be included in the rotation. The increased yields of grain obtained more than compensate for the cost of seeding an extra field of alfalfa occasionally.

Alfalfa leaves the ground very dry. As the soil is also left well supplied with available nitrogen, the following crop is likely to grow rank and succulent and be easily injured by hot winds and drouth. For these reasons the first crop after alfalfa is likely to be a small one.

Probably the best crop to grow after alfalfa in Central Kansas is an early maturing variety of sorghum such as Dwarf kafir, Pink kafir, or Early Amber sorghum. The sorghum may be followed by corn and the corn by oats or barley. On rich bottom lands, where the moisture supply is usually ample, corn may be planted directly after alfalfa. Usually, however, corn dries up after alfalfa and makes very small yields. As soon as the first effects of the alfalfa have disappeared, which will be a year

after it is broken, a rotation such as the following may be used: First year, corn; second year, oats, barley or winter wheat; third year, wheat on ground plowed early; fourth and fifth years, wheat on ground plowed as early as possible; sixth year, kafir or sweet sorgho; and seventh year, again to corn. This makes a six-year rotation after alfalfa containing four crops of small grain, one of sorghum, and one of corn. This should run for about 18 years or thru three courses, when the ground should again be sown to alfalfa. The alfalfa may be left six to eight years before it is again plowed up. Taking this rotation as a whole, about one-fourth of the land will be in alfalfa each year, about one-half in wheat or other (Continued on Page 22.)



GOOD ROTATIONS INCREASE CROP YIELDS

1—7 bushels an acre. Wheat grown continuously for 10 years.  
2—16½ bushels an acre. Wheat grown in rotation of corn, cowpeas, and wheat.  
3—25½ bushels an acre. Wheat grown in rotation of corn, cowpeas, and wheat, and on ground to which was applied 5 tons of manure every third year.

rotation of two crops of corn and one of wheat the yield of corn was 22½ bushels. In a rotation consisting of corn, cowpeas, and wheat, where cowpeas were cut for hay, the yield of corn was 33 bushels an acre. On a field that grew alfalfa four years, corn two years, wheat one year, and then corn again in 1917, the yield was 45 bushels an acre. A good rotation has in this case more than doubled the yield of corn.

Good rotations for Eastern Kansas will always contain a leguminous crop like Red clover, Sweet clover, alfalfa, or cowpeas. In the extreme eastern part of the state, where Red clover is extensively grown, and where corn is the major crop, as in Northeastern Kansas, a good rotation is first year Red clover, second



A Big Field of "Victory Wheat" Grown by a Progressive Farmer near Independence in Montgomery County, Kansas.





**YOUR TRACTOR** also may be lubricated efficiently with Gargoyle Mobilbolls. On request we will mail you a separate Chart specifying the correct grade for each make and model of tractor.

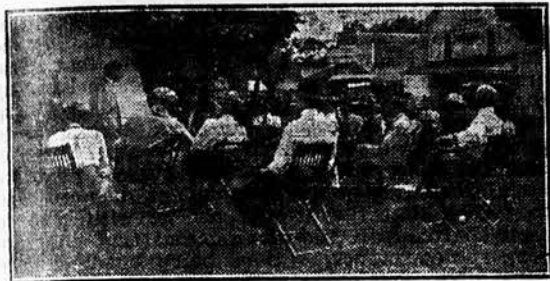


# The Kansas Community Center

## Certain Definite Projects of Healthful Social Activities Must be Provided for the People of Every Neighborhood

By Walter Burr

SOCIAL centers in some parts of the United States it is said are nothing more than fads. There are some who say that in such places the social center exists only in the imagination of those who make the reports. Kansas farmers, however, are too practical to be misled by a fad—and anyway, to them the "social center" is just a new name for what they have been enjoying "off and on" ever since the earliest days. In "Free Soil" days, grasshopper days, drouth days, (all of which are in the "dear old past"), people just had to come together at some central point to discuss



Discussion Group at Community Assembly.

the emergency. But you don't get Kansas farm folks together for very long at a time without "starting something." The meetings for discussion in farmers' alliance days and populist days were just another form of "social center" adapted to the time. Many a local of the farmers' union and of the grange is the very best type of "social center."

In fact, Kansas farm folks have come pretty thoroly to accept as truth a statement published a few years ago in a state agricultural college pamphlet, entitled, "Community Welfare in Kansas," from which we quote the following:

The so-called social center or community center is not a place—it is a spirit; it is not a building—it is a personality formed by grouping local leaders. A building at the center of the neighborhood geographically will not insure a social center, and no agent from the outside can make it a social center, no matter how well he succeeds in organizing something while the enthusiasm is on. There must be a group of citizens who have gotten something of a community vision and who will work with a religious zeal to realize that vision in the practical everyday life of the community.

Where this central group exists it usually is recognized by the people of the neighborhood. Upon this group will naturally devolve the local executive and administrative duties. They become the personal center from which all local activities radiate.

### A Kansas Community Does Things

Our people understand that much community center work is ineffective because it is made up of the expression of emotional ideals and ephemeral theories. A local leader recently said to the writer: "We have had lots of welfare talk; now give us a handle to take hold of."

A community, like an individual, has certain functions that it must perform to remain in a healthful condition. To merely talk community welfare, without going about it to perform these functions, will no more retain a healthful condition of the community than will it retain a healthful condition of the individual for him to talk health without obeying the laws that govern the physical functions of his life.

In such community effort there must be well understood things to talk about and things to do. Certain definite projects of healthful community activities must be carried out by the people of the neighborhood.

It must be understood then, that in the Kansas language the community center is not a place or an organization, but a community of people doing things for social enjoyment and neighborhood development. When we understand this full meaning of the movement, we realize that any time we see such functions being performed by a rural community, we are witnessing a community center in action. It may be in action one season and for various reasons not come into action for the following season—but the leader who kept the movement active even for one season need not be discouraged. He can know that even for this short period things were accomplished in personal character and community development that never can be undone; and that for such a period the people expressed happily the social spirit, is real proof that such a spirit is there and will come into expression any time opportunity is given.

In fact, the writer is of the opinion that a community center organization as such, often is a real hindrance to true social development. It is probably preferable for a few leaders of such bodies as the church, the grange, or farmers' union, and the school, to get together and plan certain "community projects" for a given season. The interest in these projects will carry the movement much better than will the knowledge of a perfunctory duty necessary in keeping up a special organization.

What young person has not known the joy of a Halloween party in a country home or at the coun-

try church or schoolhouse? The old people, too, become young again, biting the apple off of the string or out of the tub of water, playing witch and ghost games, and watching the weird grimaces of the jack-o'-lanterns. Then there is the long list of community holidays that provide for a series of neighborhood social stunts: "Thanksgiving" with its community dinner, "Christmas" with its community Christmas tree and carol singing, "New Year's Day" with its neighborhood visits, "Valentine's Day" with its social meeting and entertaining contests in valentine making; the patriotic entertainments on the occasions of Lincoln's birthday and Washington's birthday; and all the others—children's day, mother's day, the last day of school, and finally the "Fourth of July" with its big community picnic. The real community center program in Kansas provides for all of these special seasonal events.

### The School As a Center

The rural school is the institution of society assigned to control education and is the chief means of attack upon the rural situation. It is thru the country school and its influence that farmers both present and future, may most directly come to appreciate the true significance of country life and the possibilities of all organizations and agencies working toward its betterment.

Of course the school cannot do all, nor should it assume the work of other institutions. Some one has well said that the church can reach a higher pinnacle of spiritual power than the school, and the farmers' institute, the farmers' club and the business and professional organization have their respective tasks which the rural school can neither cover nor gainsay. The only contention here is that the school is usually the most available agency in the local community for introducing various phases of rural improvement and for instituting immediate progress. On account of its most effective position the rural school can react upon home life, accelerate church progress, teach the necessity of road improvement, and co-operate in the introduction of the farmers' institute and other farm organizations. The rural school undoubtedly is the best and most available center for the upbuilding of the country community and may become the most immediate



Game Period at a Kansas Community Center.

and effective local agency in the solution of the farm problems. Hence the importance of the rural educational system and the necessity of giving it serious attention in any attempt at bettering the unfavorable conditions of country life.

The community naturally looks to the school for inspiration and leadership and the teachers are accepted without question as the rural leaders. However, this does not mean that the teachers are to do all of the work. They are to suggest and direct, and to be helpful in any way that the community may desire. Of course the school also has its limitations and must give way to other institutions when once these are established, and must realize that its chief mission was performed thru the stimulation of other agencies. Any argument among social institutions as to which shall be first and which shall be last is altogether detrimental and unnecessary. In every community there is more than work enough for all, and the only safe criterion for the school, as for other institutions, is to fix attention on the ultimate and common good and direct its action accordingly. However, in the present transitory period, the place of the rural school in country community life is undoubtedly that of institutional leadership.

Hundreds of Kansas rural communities conduct every winter their lecture courses or community forums. In some places this function has assumed the nature of an elaborate and expensive "lyceum course" aped after the city fashion. But its better form has been the discussion forum. Many a country schoolhouse or church in Kansas has been the scene during the past few winters of an animated discussion among neighbors, on school consolidation, the farm loan association, the relation of the farmer and the banker, the relation of the farmer and the merchant, and a score of other timely subjects concerning community life. Some neighborhoods have even carried the public assemblies over

into the summer season, or extended them into autumn, in which cases they have become out-of-door affairs, sometimes in a big tent after the manner of the chautauqua. A favorite method of conducting such meetings in Kansas has been for the local committee to bring before the people specialists from outside the community, who can open the discussion with an educational address upon the subject chosen, the speech being followed by an open forum period in which the neighbors join in the argument. Many organized farm enterprises have grown out of discussions at such meetings.

The farm folks of Kansas have been discovering during the past five years that our local history is full of dramatic incidents which are well displayed in pageantry or drama. Kansas historic pageants have been a choice form of community social expression in a large number of neighborhoods. Either a local leader is chosen, or some musical and dramatic instructor from a state school or a nearby city high school is engaged as trainer, and during a period of, perhaps, several weeks the various groups are trained to present local history and tradition in pageantry. The presentation itself often has been in the country schoolhouse, but also in many cases out-of-doors in the early spring time. For such an out-of-door exhibition obliging farmers form an open square of automobiles and throw on their electric lights, making a more brilliantly lighted space for the "platform" than usually can be obtained in town with foot-lights and spotlights. Or, where nothing so elaborate as a pageant seems possible, a drama and sometimes a comedy or even a burlesque has been developed from local happenings and staged in the country schoolhouse by a very amateur company.

### Community Fairs

The county fair has been known for a long time, and with varying degrees of favor. Kansas has developed in the last few years, especially with the leadership of the farm bureaus, the community fair. During the present autumn many such fairs are being supervised by county agents in farm bureau counties. Always associated with the county farm agent in this project is the county superintendent of schools. The plan is to have country schoolhouse fairs of a competitive nature, with agricultural and livestock exhibits, entertainments, and lectures, and usually to close the series with a grand central county fair which brings together the very best from the community fairs. In this type of community center work care is taken to leave out all paid entertainers and performers from the outside, and make the entire affair "of, for, and by" the community.

In normal times, we don't want any semblance of "war" at our community center functions, and at no time do we want war to break out among individuals or groups in the neighborhood. That's exactly what the community center helps to do away with in the Kansas rural community. But the country neighborhood is in war now "up to the hilt" for Uncle Sam and against the kaiser. This means at the country schoolhouse or the country church or the township hall—all-day Red Cross meetings, Liberty Loan meetings, war speeches, home guard organization and training. In one county in the state last spring, on one Sunday afternoon and evening, war meetings were held in every country schoolhouse, speakers going out from the towns and cities in that service. Other counties had records nearly as good. The community center movement has enabled the farm families of the state to demonstrate in this way that they are fully abreast and, perhaps, a little ahead of the city folks in this business of "making the world safe for democracy." For the average rural community is in reality a miniature democracy, and the community center movement has been but a study of and a practical demonstration in democracy.

Keep the home fires burning,  
While your hearts are yearning;  
Tho' your lads are far away  
They dream of home.  
There's a silver lining  
Thru the dark cloud shining;  
Turn the dark cloud inside out,  
Till the boys come home.

This expresses the thought of the leaders in hundreds of Kansas rural communities as they plan for the community center activities for 1918-19.



A Neighborhood Fair at a Community Center.



# DEPARTMENT EDITORS

Livestock Editor.....T. W. Morse  
Farm Doings.....Harley Hatch  
Dairying.....Frank M. Chase

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

## ADVERTISING RATE

60c an agate line. Circulation 100,000

Changes in advertisements or orders to discontinue advertisements must reach us not later than Saturday morning, one week 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 electrolyzed. New advertisements can be accepted any time Monday.

# The Farmers Mail and Breeze

Member Agricultural Publishers' Association.  
Member Audit Bureau of Circulation.

Published Weekly at Eighth and Jackson Streets, Topeka, Kansas

ARTHUR CAPPER, Publisher.  
T. A. McNEAL, Editor.  
CHARLES DILLON, Managing Editor.  
J. W. WILKINSON and FRANK M. CHASE, Associate Editors.

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

All letters regarding Subscriptions should be addressed:  
CIRCULATION DEPARTMENT, The Farmers Mail and Breeze

# DEPARTMENT EDITORS

Women's Pages.....Stella Gertrude Nash  
Children's Pages.....Bertha G. Schmidt  
Poultry.....J. W. Wilkinson

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

## 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 Farmers Mail and Breeze."

## Passing Comment—By T. A. McNeal

### After the Great War

GERMANY is defeated. It is possible for her armies to continue the fight a few weeks or a few months longer but the end is in sight. I believe it will come very soon. The important question now is what shall be done with Germany and Austria-Hungary after the War. Just now the people of the allied countries are in a vindictive frame of mind. Germany has so outraged humanity that there is a natural feeling there should be no mercy shown and that the German nation should be wiped out of existence.

However, when the fighting has ceased there will be a calmer frame of mind. The truth will be recognized that after all the masses of the German soldiers who helped to commit the horrible atrocities, were themselves the victims of a hellish system which made them beastly and unspeakably cruel.

It is probably true that certain races have an inherited tendency to brutality, treachery and immorality but I also believe that the people of any race can be brutalized, made immoral, treacherous and degenerate by such a system as has prevailed in Germany, more especially in Prussia.

I hope that the present German government will be overthrown entirely and that the leaders, military, civil, and religious, who have established and developed this hellish system will be punished. I hope that Alsace-Lorraine will be restored to France, that the estates of the Junker class in Germany and Austria-Hungary will be confiscated and the proceeds used to recompense so far as possible Belgium, France, Serbia and other localities devastated by the Huns. I hope to see the Czecho-Slovak nation established and the house of Hapsburg destroyed. I hope to see a free Poland. I hope that not a single German colony will be restored to Germany. I hope that the German navy will be taken entirely away from Germany and every German munition plant destroyed. I hope to see the palaces which have sheltered the rulers of Germany either destroyed or converted into hospitals. I hope in short to see Germany so crippled that it will be impossible for her ever again to threaten the peace of the world. But I would not destroy the German people. I would on the other hand encourage them to build a new republic on the ruins of the old autocracy. I would give them a chance to reestablish themselves in the favor of the right thinking people of the world. The Turkish government is an anachronism among the nations. I would not destroy the Turks but I would destroy the Turkish government.

I would give the Russian people every possible encouragement to establish a sane, liberal republic, not the hideous class government of the Bolsheviks but a government founded on the principles of freedom and fair play to all classes. After Germany has been compelled to do all that is possible for that nation to do in the way of reparation for the crimes committed, there will still be need of much help for the people of France, Belgium and other devastated countries. I trust that there will be developed among the people of the other allied nations and especially among the people of the United States, a spirit of generosity, brotherhood and gratitude to these people for the service they have rendered to civilization and humanity.

We owe to France and Belgium a debt of gratitude we can never repay, for if it had not been for their heroic conduct and unbelievable sacrifices the world would be today under the inhuman domination of the Hun and we would be paying awful toll to the government of Berlin. If we are only called upon to give up a part of our earthly substance to help restore the waste places we are peculiarly fortunate. One of the first things we should do is to forgive the bonded debt owed us by France. Say to France, "We wipe that obligation off our national slate. Use the millions you owe us to rehabilitate your own stricken land and care for your courageous but unfortunate people. We owe that much to France and more."

I would like to see everything done that possibly can be done to make impossible the recurrence of this awful tragedy. I would like to see those who are responsible for the untold horrors of the past four years, punished with a punishment somewhat commensurate with their crimes, but I would not want to see the world filled after the war with in-

extinguishable hate. Better take the example of the lowly Nazarene when nailed to the cross, suffering all the agony it is possible for the flesh to suffer, forsaken by those he had helped, reviled by those he had never injured, bearing it all without a word of malice or reproach and only uttering a prayer that his tormentors and persecutors might be forgiven because they knew not what they did. The constructive force of the world is love not hate. Evil must be combated and the evil doers punished, but when the storm is over, when the night of horror is past, let us hope that there will dawn a new and better day for the whole world.

### What Should the Farmer Do?

"From time to time," writes Adam Yakel, farmer and stockraiser, of Labette county, "you have admitted that the wheat raiser is not getting a square deal from the Democratic administration. For the good of our own country and for the good of our allies, true patriotism demands that we raise even more wheat than we do. What are the agencies of which the patriotic wheat raiser may avail himself at this time to enforce a square deal?"

"Is it within reasonable right for the patriotic wheat raiser at the coming election to vote against every Democratic candidate for public office from road overseer to United States Senator, because the Democratic administration fixed the price of wheat only?"

"Is it within the rights of a wheat raiser who loves justice and our glorious America to boycott as far as possible the use of cotton and cotton goods? Would the raising of a flock of sheep on every wheat farm give first relief and eventually put the cotton growers largely out of business? In the Farmers Mail and Breeze please outline some practical plan by which the wheat raisers can get relief from the unfixed prices of things which largely enter into the cost of production of wheat only?"

The above is a sample of a considerable number of letters I have received, altho this one deals more with politics than any of the others. I am wondering just what effect the failure of the administration to apply the same rule to cotton and the substitutes which the people are required to use in place of wheat flour, will have on the coming election. There is certainly a wide-spread impression that the wheat farmer has not been given a square deal by the administration and this of course affects the Democratic wheat raiser as much as it does the Republican wheat raiser. The representatives from the cotton growing states have stood solidly in opposition to the regulation of cotton prices and they have won. My opinion is that the effect of this discrimination will be felt in the November elections in a number of states where wheat growing is extensive.

I do not want to see the cotton grower put out of business. Cotton growing is a great and very important industry in this country and it is not to the interest of the people of this country or of the world to have it destroyed. I want to see the cotton grower put on exactly the same basis as the wheat grower and I want both to prosper.

As for raising a flock of sheep on every wheat farm, let me say I am most heartily in favor of that entirely apart from any possible political influence it may have. Just now sheep raising is a profitable industry and I hope it will continue to be. In times past sheep raisers have sometimes gotten the worst of it in the way of legislation. I hope that will not occur again. It is to the interest of this country to increase greatly the wool and mutton output and just now there is no kind of stock more profitable to the farmer.

### What About the Kickers?

"I listened to your speech at Onaga in which you described the corporation farm of the future. The trouble with that plan is that you will never get the farmers to work together. There will be a lot of cranks who will be making trouble all the time. It is more difficult to get farmers to work together than any other class of men."

It was a prosperous Kansas farmer who made the preceding statement to me a few days ago and there is considerable ground for his objection. To undertake to gather together 10,000 to 20,000 per-

sons in voluntary co-operation and expect that there would be entire harmony is expecting the impossible. However, I do not believe that farmers are less capable of acting together in harmony than other people of other occupations. Among 15,000 to 20,000 persons there are certain to be kickers and disorganizers and general trouble-makers. Also, among that many persons there are certain to be some who are indolent, dishonest and so selfish that they would not be willing to do their share. Still, the fact remains that there are very successful corporations being operated composed of or employing more than 10,000 to 20,000 persons. While it is true that there are certain to be unreasonable kickers and disturbers, it is also true, fortunately that the majority desire to be fair and do their part. If this were not true no republic could live.

In this country the vast majority of people have been educated or accustomed to yielding good naturedly to the will of the majority and it is just this trait of character so common among the American people and nowhere more common than among the American farmers, that makes the proposed corporation farm a possibility. The corporation would have a governing body just like any other great corporation. That body would be selected by the shareholders just as the directors of any other corporation are selected, with this important exception: every shareholder would have one vote in the election of directors and no more, so that it would be impossible for a few persons to monopolize control.

There should be a provision in the by-laws that any dissatisfied stockholder who felt unwilling to abide by the decisions of the board of directors could sell his stock to the corporation for the original cost of the same plus whatever surplus the stock may have earned. In other words, the stockholder would have the alternative of submitting to the governing board elected by a majority of the stockholders or getting out. He could not stay in and raise trouble to his heart's content. Now it is entirely likely that at first there would be more or less friction and perhaps a good many mistakes would be made, but the tendency continually would be to better order and more efficient management, because the people who composed the corporation would be on the average, people of a high order of intelligence and good horse-sense.

The advantages of corporate co-operation: the cutting out of unnecessary duplication; the steady improvement in methods of cultivation and stock breeding would become so apparent that the kickers and fault-finders would become more and more rare. The tendency of the average man too is to get along peaceably with his neighbors because the average man is a friendly good-natured animal. Of course, there are in the heart and mind of every human being the seeds of trouble, evil, discord and general hellishness. If cultivated, these seeds will germinate and the result is a crop of trouble. Hellishness is not, however, a normal condition any more than crime is a normal condition. Extremes of poverty or of riches tend to produce idleness, crime and moral degeneration. To a large extent, the I. W. W. leader, Bill Haywood, is right in saying that crime is the result of a diseased condition of society. The trouble with the I. W. W. is that it aggravates instead of cures the disease. The I. W. W. is itself a manifestation of moral and economic disease.

Take almost any neighborhood where the people are just fairly prosperous; where they live comfortably but at the same time have to work to make a living, and you will find an orderly, friendly, law-abiding community where the services of a policeman rarely ever are needed. If all the country were filled with such persons, the jails and penitentiaries might be torn down and criminal courts abandoned. These people are not inherently much better on the average than the people of the slums, perhaps, but their environments are far better. All of us are largely the creatures of environment and education. The environment and education may not be the work of a single generation. All of us carry with us to a greater or lesser extent a part of the education and environment of our ancestors. Your nature is a composite of many natures of past generations. Your great grandfather exercises an unconscious influence on your life and character. But as I



said before, the average man is a pretty reasonable and decent sort of a fellow and the average woman is a woman of pretty good sense and fairly good, helpful disposition. It is upon this well established fact that I base my belief in the practicability of the great corporation farm.

### Wool for Soldiers

Writing from Idana, Kan., Mrs. E. W. Long says: "In your last issue of the Farmers Mail and Breeze you spoke of the scarcity of wool for the soldiers' clothes. I do not see why an appeal could not be made to the patriotic people of the country for donations of old woolen clothes, rugs, and carpets. There are scarcely any homes but what contain some old garments too good to throw away and yet are scarcely worth making over. If all these were collected and sent to a central point, could they not be made over into soldiers' blankets and clothing? I have many such old things in the store room which I would be willing to give and I feel sure there are many other people who would do the same."

Second hand woolen garments, carpets, and blankets are worked over into what is called shoddy and re-manufactured into garments and blankets, but I do not think the government uses any of that sort of material in making either garments or blankets for our soldiers. If Mrs. Long will write the War Department or her member of Congress she can get the information desired on this subject.

### If Germany Should Win

Being out of active service by reason of failing health, which is partly the result of the running of the statutes of limitation, I have time to study the causes underlying the present Great War, and possibly closer than most farmers or business men.

I note with all this shout of liberty that few of those with whom I talk really understand what is at stake and what would be lost to us by a return to the economic conditions which the Hohenzollerns represent. It seems to me that a short explanation of this in a series of short articles by you would be not only interesting but very useful.

The frequent reference to "crown lands" in the news columns brought this thought to me more forcibly than any thing else. Perhaps, not one in a hundred of men reasonably well read know just what crown lands mean. Few know that the term grew out of the custom of the Romans first as a republic to consider and use the territory conquered as the property of the republic, as we have the lands of the Indians which we took from them. This under the emperors became the personal property of the emperor. The people who had owned it were forced to pay the emperor a tax which amounted to a rental of one-third of the crops.

So far as I now recall, France and America with Canada I think are the only countries where the title to land is vested in the people. Where it is the custom, as in England, the fiction of law still persists that all land is the property of the king. "My castles are my king's from turret to foundation stone." The hand of Douglas is his own.

In South America, including Mexico, the fiction of law is that the land is owned by the people, but the fact is that it is owned by wealthy men who have by fraud taken it from the people.

If it is a fact that the Hohenzollerns were originally only the head of a very small tribe and that they grew from the first to their present power only by the murder of their neighbors and the taking of the property of the murdered men, if this has always been their practice and belief of right and wrong, and if all of their possessions except this original patch of mountain land are the result of murder and robbery, it would open the eyes of America as nothing else would. If the public knew that the kaiser and his war lords mean to divide France up among them, the kaiser retaining the great share as crown lands, and that the present farm owners if permitted to live will have to pay rent to these overlords, then it would know what France really is fighting for.

The present anarchy in Russia is largely possible because the mass of the people wish to recover for themselves the land which their ancestors were robbed of by this same system of conquest. It is the common struggle of the race.

Only one ancient people recognized that the land belonged to the people. Hence the laws of Moses forbid the permanent alienation of title from the family. Ahab tried to adopt the pagan idea that the land belongs to the king, and he lost his life and his family the kingdom.

E. D. SMITH.

Happily Germany now stands no chance to win. One of the questions which is bound to come up for settlement in the not very distant future is the question of land ownership. Theoretically private ownership of land is as indefensible as private ownership of air, but if the ownership were limited to the amount actually cultivated there would be little objection.

### Capture of Vera Cruz

What was the occasion for the government capturing Vera Cruz three or four years ago? Did Mexico fire on the U. S. flag? READER.

A boat load of blue jackets were captured and held prisoners for a time by the Mexican soldiers under command of Huerta's officers. They were released after having been held for a few hours but Admiral Fletcher in command of the American fleet demanded that by way of apology the Mexicans fire a salute to the American flag. This the Mexicans refused to do, whereupon marines were landed in Vera Cruz and these were followed by American troops under command of General Funston who held the city for several months. It may be said in passing that Huerta never did salute the flag as demanded.

The United States never has gotten any particular credit from the Vera Cruz incident. In

the first place, our government had steadily refused to recognize Huerta as the head of the Mexican government. He was treated simply as a private individual who had usurped authority. On this theory there could have been no official insult to our flag and there was no Mexican government to salute it. From a diplomatic standpoint, Huerta had the best of it, for by demanding that he salute the American flag our government did in fact recognize him and his government, altho it had refused to do so officially.

After holding the city for several months without the salute being given, our government ordered the withdrawal of our troops and did withdraw them, altho there was just as much reason for keeping them there then as there was for sending them in in the first place. Some good, however, did result from the capture of the city. Our army cleaned it up, as perhaps, it had never been cleaned up before and made it at least reasonably healthy instead of a "city of death" as it formerly was named.

### Criticises Railroad Service

"A few days ago" writes M. L. Phillips, of McDonald, Kansas, "I traveled over the Rock Island R. R. with a friend from Phillipsburg to Topeka and return. I am writing this to you with the object of getting you to point out some of the injustices that obtain on the Rock Island R. R. From the time we got on the train at Phillipsburg until we got off at Topeka about 7:30 A. M. there were persons always standing in the aisle, men and women, men in the vestibule and out on the platform. I saw two women in delicate health stand for some time in the aisle. To women in their condition it would have been quite a trial to ride even in a chair, owing to the rough condition of the road bed. A boy from Funston who had been home on a furlough for two or three days, and who had, I suppose, been losing sleep, nodded while standing in the aisle for some time, then thinking I suppose, to arouse himself, made his way to the platform where I was standing, and in a few minutes came so near going to sleep that his knees gave way under him and he nearly fell down. Another boy from the navy who had been to visit his folks in Colorado, told me that he had stood up nearly all the way from Norfolk to Kansas City, but had succeeded in getting a seat most of the way from Kansas City to his home. Another boy who had volunteered and was going to be examined, was having trouble to keep from going to sleep on his feet. In the effort he smoked many cigarettes but finally gave it up and curled up on the platform like a dog and slept for an hour or more. In going to the toilet the women were obliged to go thru the vestibule where there were always from two to five men, the smoking compartment being crowded.

"On the train from Belleville to Topeka there was but one chair car and the smoking compartment, while there were three Pullman sleepers. These bed cars should be put in the sheds or the berths taken out and replaced with chairs so that those who must travel can do so without having to sleep standing on their feet while the well-to-do take up the room that would accommodate many people if properly managed. Let none eat cake until all can have bread." With passenger rates advanced 50 per cent, it would seem that reasonable accommodations should be provided on the trains for the traveling public.

### The Nonpartisan League

I notice in a recent issue of the Farmers Mail and Breeze an article signed by Elmer T. Peterson, regarding the Nonpartisan League. Contrary to Mr. Peterson's assertions, the Nonpartisan League has no connection, directly or indirectly, with the I. W. W. Neither Mr. Le Seuer nor Mr. Townley are members, or have any part whatever in the I. W. W. No person in the employ of the League is a member of, or affiliated in any way with the I. W. W. Mr. Peterson's effort to make it appear that there is a connection between the Nonpartisan League and the I. W. W. will be a complete failure when the facts are made known. These are the facts:

A year ago North Dakota members of the Nonpartisan League, who were confronted with a labor shortage, received a letter from the Agricultural Workers' Union, a branch of the I. W. W., offering to supply experienced harvest help to North Dakota farmers if an agreement could be made concerning a scale of wages and other working conditions. The North Dakota farmers' convention appointed a committee to confer with a committee of the Agricultural Workers' Union. At five meetings the scale of wages was discussed. Due to the fact that the Union would not agree to a wage which the farmers considered reasonable, the farmers refused to accept their help. Let me say that in the negotiations with the harvest workers there was absolutely no plan or discussion of either the League program or the I. W. W. It also should be stated that about 80 per cent of the harvest hands who migrate annually to North Dakota for the harvest in the past have been members of the Agricultural Workers' Union and, therefore eight of every 10 of these men are affiliated with the I. W. W. All these facts are matters of public knowledge.

The most important point in the affair was this: Which was the better method, for the farmers to hire harvest hands thru a union or to employ them individually? They chose the latter. These farmers had to hire men affiliated with the I. W. W. or lose part of their crops, as there were only a

very few other harvest hands in the state. It was not a question of hiring I. W. W. members. It was a question of saving wheat to feed our boys in France. It may be that Mr. Le Seuer and Mr. Townley advised the farmers to hire thru the Union, or it may be that they suggested hiring individually. But when we have the facts we know it makes no difference which way they advised. Let us suppose Mr. Peterson had been the adviser and that he had encouraged the farmers not to hire these I. W. W. men. Let us suppose the farmers had taken his advice and that much wheat had been wasted as the result. Would it not be right to suppose that Mr. Peterson and the farmers would have been called pro-German? Still, Mr. Peterson calls the members of the Nonpartisan League pro-German! Let me say that the Nonpartisan League has laid its program and its plans before President Wilson and Mr. Hoover and they are in perfect accord with the President and the Food Administration, and with the government and the program for the Great War.

The War Defense board of Colorado has pronounced the Nonpartisan League loyal, and has stated that the farmers have a legal right to organize the work here. Farmers, let us gather the facts, think for ourselves, decide for ourselves, and act for ourselves.

W. N. Carleton.

Windsor, Colo.

## A Square Deal for the Western Farmer

From an Address by Governor Arthur Capper at the Meeting of Farmer's Equity Union, Liberal, Kan., September 28.

Next to the War, I am more concerned about the future of the farming industry than about anything else. The War being right on our backs we have got of course to deal with that first, but also we must be looking ahead to our economic future, the mightiest of all our problems.

If I go to the Senate of the United States, I shall work to the best of my ability for what I believe will advance the interests of the Western farmer. Congress regulates the price of the Kansas farmer's wheat, but the Southern farmer's cotton has been permitted to go sky-high. I shall stand for a square deal in the fixing of prices as between the Southern and the Western farmer. I shall demand that when the government regulates the prices of the products of the farm, it shall also either regulate the prices of what the farmer buys, or else fix the price of wheat somewhere near the price it would command in a free and unregulated market.

Packers, cold-storage plants, millers, implement manufacturers, coal barons, have exacted bigger profits and made more money in war time than they ever dreamed possible. I want to see the meat-packers' combine throttled and the packing business placed under government control. We must put an end to these food pirates. The plunderers and gougers who are taking advantage of the War to rob the people must be kept within bounds, or put out of business. The time has come when these war hogs should not only be stripped of their unholy gains, but should be prosecuted criminally. When the price of wheat was fixed the price of wheat substitutes and all necessary food products should also have been fixed. When the prices of the things the farmers sell were fixed the price of farm machinery and many other things he is compelled to buy should also have been fixed.

All that you farmers of Kansas want, as I understand it, is evenhanded justice: an absolute square deal for every man, woman and child within the borders of this state, and on that proposition I stand with you, heart and soul.

The more we do to emphasize, foster and develop our agricultural industry, the better for us and for our country. Let us remember that all riches come from the ground; that the food we eat and the clothes we wear are the products of the soil; that agriculture is the great source of wealth; and that no nation ever became great whose farmers were not great.

We have the present situation because farmers have surrendered to other interests all the business side of agriculture apart from production, whereby all these other interests have prospered in greater degree than has the man who is the creator of all this basic wealth.

We are now supposed to be straining every nerve at conservation, but a conservation policy which does not conserve, promote, and protect the thrift and progress of the American farming industry—the source of all our strength and vigor as a nation—is a mighty short-sighted policy.

No people have ever faced a situation with better spirit or with greater courage. That is the Kansas attitude of mind. Let us do the very best we can to maintain our fighting edge, for I am convinced there is a better time coming for the American farmer in which he and his calling will be fittingly recognized and the greatest American industry of all be given a square deal, and this, my friends, is all it has ever needed.



# The Round-up at the Sni-A-Bar Farm

*Hundreds of Cattlemen and Friends of the Late W.R. Nelson from Three States Hold Big Shorthorn Meeting near Kansas City, October 10*

By John F. Case

**F**ORTUNATE indeed is it that the works of a good man live after him. Many great and good things were accomplished by W. R. Nelson, owner of the Kansas City Star, but unfortunately, Mr. Nelson did not live to see the fruition of some of his greatest plans. A man who had a heart interest in the welfare of the people, W. R. Nelson always was looking forward. And the life work of such a man does not end when he is called away.

More than 1,000 persons, among them some of the greatest cattle men in the United States paid tribute to the memory of W. R. Nelson at Sni-a-Bar Farm, near Kansas City, October 10. Altho men who had been in intimate relationship with Mr. Nelson were there, his was the master spirit that dominated the meeting. There were many reminiscences concerning Mr. Nelson, for in the group of notables were hundreds of men who had known him well. "If only Colonel Nelson were here we would all be happy," was the way one old-time friend put it, and the folks agreed.

To one who sensed the good fellowship of the folks who gathered at Sni-a-Bar Farm this was the most important event of the meeting. But striking lessons were provided. The meeting was called to show what influence purebred sires have in building profitable beef herds. And so we will let R. E. Stout, Mr. Nelson's friend, make the introductory talk.

"Mr. Nelson was an improver," said Mr. Stout. "He never touched anything—men, land, animals—without improving. He was restless. He thought all things could be made better. By natural bent he sought to know the 'why' of things. To that trait is due what we have seen here today in these improved grade cattle.

## A Few Personal Notes

"He loved people, he loved land, he loved nature, he loved cattle, particularly Shorthorn cattle. He came by this feeling naturally. His father was for 25 years president of the Indiana Horticultural society, a far-seeing, constructive type of man whose home place, Elm Park, near Fort Wayne, was conspicuous for its shrubbery, its trees and what has now come to be known as landscape architecture. In such surroundings Mr. Nelson passed his boyhood.

"The elder Nelson had Shorthorn cattle. I recall Mr. Nelson's telling that one of the most vivid recollections of his boyhood was of a grade Shorthorn steer owned by his father which weighed 2,900 pounds. It was famous thruout Indiana and was exhibited at county fairs—suggestive of 'the ox that traveled' of the early days of the breed in Northern England. This steer was white, pure white. When Mr. Nelson began breeding on this farm he insisted on white sires. Once when told by cable that a bull bought for him in England was a roan, he cabled right back: 'All right, but why not a white one?' The roan bull did not pass the test abroad and nobody even talked to him afterward about anything but a white bull. He had no idea of building a white herd, and had he lived roans and reds would have been used here in time."

The first farm owned by Mr. Nelson

was purchased in 1900. At that time he bought 300 acres south of Kansas City and established a purebred Shorthorn herd. A few years later this farm was sold, so it was not until 1912 that Sni-a-Bar Farm was purchased. Mr. Nelson long had had the idea of improving beef cattle thru the use of good sires. And for the beginning of the experiment in 1912, Mr. Nelson purchased Violet Mist Fellow, a high grade registered Shorthorn bull belonging to the famous N. T. Gentry herd. Then grade cows of evident Shorthorn ancestry were selected. These cows, tho, were taken from animals sold at the Kansas City stock yards, cows that had been discarded by their owners and were ready to go to the block. Mr. Nelson's co-workers, tho, were men who were able to distinguish the Shorthorn characteristics and to select for milk production as well as beef.

The exhibit made at Sni-a-Bar Farm consisted of the original cows, the purebred sires and a large number of the first and second cross animals. A few of the third cross were shown. The most striking incident of the influence of purebred sires, tho, was seen in the two groups of yearling steers. Being cared for under practically similar conditions the first cross steers averaged 850 pounds and a buyer from the Kan-

Campbell, of Manhattan; W. L. Blizzard, Stillwater, Okla., and E. A. Trowbridge, of Columbia, Mo.

"This showing is one of the most striking evidences of the influence of the purebred sire that can be found," said Dr. McCampbell, in talking to the assembled cattle men. "No man who studies the different crosses can fail to be convinced that the use of a good sire is profitable in the production of beef. I once knew two men who were handling range cattle and were selling steers on the market. One man paid an average of \$350 for purebred bulls to turn out on range. That was some time ago and when the steers were sold they brought an average of \$38 on the market. The second man asserted that no bull was worth more than \$100. The steers from his herds sold for \$28. This difference of \$10 a head would have many times paid the difference in the cost of the sires used."

While the sires used at Sni-a-Bar Farm are higher quality than could be profitably obtained by the average farmer it was the opinion of the experts and the breeders that almost as good results can be had with good grade purebred bulls of the same type. "Short, compact bulls usually produce better results in the first cross," said W. L. Blizzard, of the Oklahoma col-



Second Cross Steers With a Present Market Value of \$17 a Hundredweight. A Few First Cross Shown.

las City markets placed an estimated value of \$14 a hundredweight. The second cross yearling steers showed an average weight of 878 pounds and the offering was \$17 a hundredweight. The difference in price in this one lot of steers would have gone far in paying for the purebred sire. The improvement in the third cross also was very noticeable.

The plan for Sni-a-Bar Farm is to continue the work until at least five crosses are made. Originally in England, five crosses made a Shorthorn eligible for registry and Mr. Nelson believed that this was good enough for all practical purposes. So far as the milking Shorthorn is concerned this rule is still applied in England, but the beef breeds must be purebred to be registered. While the work at Sni-a-Bar Farm has been in charge of the farm management, livestock experts of the Missouri and Kansas colleges of agriculture have co-operated in every way. The meeting at Sni-a-Bar Farm this year was in charge of F. B. Mumford, dean of the Missouri College of Agriculture, assisted by Dr. C. W. Mc-

lege, in talking about the sires at Sni-a-Bar Farm. "It will be noticed that the bulls used here are of that type." While white bulls are the only sires used at the farm this was simply because of Mr. Nelson's preference in color. Mr. Nelson had no objection to the reds and roans; in fact, these colors predominate in the general herd of purebreds. One of the principal objects in using white sires was to produce roan offspring. It was found that the cross showed a very high percentage of roans, in many instances as much as 75 per cent.

A number of the original cows purchased for use in the experiment at Sni-a-Bar Farm still range the pastures there. These are the cows that have produced the best Shorthorn type of calves. The herdsmen have not hesitated to cull, and cull closely in discarding inferior animals. There is no doubt that the striking improvement in the second cross is due to the selection of especially good type heifers. And in the third cross some of the cattle bear such pronounced Shorthorn characteristics that the novice would pro-

nounce them purebreds of good quality. Every farmer and breeder who attended the meeting at Sni-a-Bar Farm agreed that the lesson taught was this: No large sum of money is necessary to start a profit making herd of beef cattle. With the selection of a few cows of good type and the purchase of a purebred sire having the characteristics described here, it will only be a matter of a few years until a herd vastly more profitable than the average crossbred herd can be built. The breeders, of course, contend that the purebred herd is best, but not every man finds it possible to pay the sum required for the purchase of registered stock. For the man who wants to get into the purebred game, however, another striking illustration of success was provided. In adjoining pens two purebred Shorthorn cows purchased for the farm in 1912 with their descendants were shown. In outward appearance these cows were almost equally good. Both were excellent types of the Shorthorn breed. Bred to sires of equal quality the descendants of these cows were vastly different. The produce of Sultan's Blossom was extremely valuable. Worth many thousands of dollars, all of her descendants have been kept on the farm, and will be retained for breeding purposes. The descendants of Maple Sunbeam were inferior. Most of them have been disposed of and none will be kept for breeding purposes.

While the exhibit of first and second cross yearling steers attracted the most attention it was not difficult to pick out the calves from the first, second and third crosses. The third cross calves looked as if they were real Shorthorns. With good color, good heads, and approved beef type the heifer calves would not have looked bad in some Shorthorn herds.

## A Boost for Shorthorns

The experiment is to be continued at Sni-a-Bar Farm and the meeting is to be an annual one. There is no doubt that equally as striking results will be obtained in the crosses that will be shown next year. Altho this demonstration was a great boost for the Shorthorn breed, experts agree that probably equally as good results would have been obtained had the sires used been as good type of the other standard beef breeds and the original cows shown the characteristics of the same breed.

W. A. Cochel, representing the American Shorthorn Breeders' association, attended the meeting, and in his talk emphasized the need for the use of purebred sires in building up beef herds. R. W. Brown, secretary of the American Galloway Cattle Breeders' association, told about the possibilities in community effort. "In Denmark," said Mr. Brown, "there are more than a thousand associations where purebred bulls are owned co-operatively."

Mr. Brown urged the organization of county livestock breeders' associations. Many Kansas men were in the gathering at Sni-a-Bar Farm. They went home feeling that W. R. Nelson's wise foresight had proved the groundwork for an experiment that will grow in value as the years go by and they hope to go back again next year.



Some of the Cows Purchased at the Kansas City Stock Yards in 1912. These Animals Represent the Best Type of the Foundation Herd of Crossbred Stock; They Show Evidence of Shorthorn Ancestry.



## Somebody Who Can't Figure

Western Farmers Would Like to Have the National Agricultural Advisory Committee Explain How a \$15.50 Minimum Will Guarantee Them Against Losing Money on Hogs, With the Feed Bill Now About \$20.80—Capper Writes Hoover About It.

The recommendation of a \$15.50 minimum for live hogs to guarantee swine raisers against loss, as urged by the National Agricultural Advisory Committee, leads farmers to think the committee can't cipher. The following letter in their behalf, despatched this week to Herbert Hoover by Governor Capper, gives the facts:

Dear Mr. Hoover: Let me ask how a farmer can be insured against loss by a price guarantee of \$15.50 on a product which has cost him about \$20.80 to create?

Our swine raisers learn with something like amazement that the National Agricultural Advisory Committee in a report submitted to the Food Administration, recommends a minimum price for hogs of \$15.50 at Chicago be fixed for the war.

The September 1 report of the United States Department of Agriculture shows a corn crop for the entire country, 88 million bushels below the 10-year average. Demand is great and prices high. With corn costing about \$2 a bushel shipped to farmers in the Southwest, in the widespread region in which the crop was burned up this year, and costing nominally about \$1.60 a bushel in carlots f. o. b. Kansas City, the impossibility of fitting a hog for market at any such price as \$15.50 is beyond question.

Last fall, when the Food Administration called in competent authorities to fix a price for hogs sufficient to guarantee farmers against loss in raising them, the verdict of these experts was that when 100 pounds of live hogs did not buy 12 bushels of corn, swine production declined, and the price guarantee should be based on a ratio of 13 to 1, if the government wished to increase production.

With corn of medium quality at \$1.60 wholesale at point of shipment in the Southwest, a minimum of \$20.80 for hogs would be none too much. And here comes this advisory committee and decides that \$15.50 at Chicago would be a fair price to the producer!

I have a letter from one of the leading stock raisers of Southern Kansas, which is only one of many of a similar nature received by me during the last week. He says:

The corn we are feeding our hogs has been shipped in from Kansas City, the nearest point where corn can be bought, and the cost is \$2 a bushel. Let us take the price of \$15.50 at Chicago for hogs that Professor Cotton has so magnanimously set. Who can grow and fatten hogs at that price on \$2 corn and high priced labor? He might just as well have made the guarantee \$10 or \$5.

As for helping the country or the Allies, the farmers as a class have done their part, and are still willing to. In fact, the money for the war has come out of the soil, the farmers have dug it up. But when we read of the unprecedented profits of the packers, we fail to see where the patriotism comes in in raising hogs for them to juggle with at an actual loss to ourselves. It seems too bad that, after price-fixing committees have seen that we are not profiteers, that they never fail to kick us in the slats.

Arkansas City, Kan. J. A. BOYLAN.

This appears to be the general attitude in regard to the recommendation of the advisory committee.

A farmer may be ever so eager to give his life, his labor, or his substance to his country, but if he cannot get as much for his products as they cost him, he must quit. The average farmer does not possess a large bank account. He does not even own his land. And no farmer in moderate circumstances can farm long if the balance is on the wrong side of the ledger.

Unfortunately for the world, the growing of food cannot simply be made a matter of patriotism. It has to be a question of dollars and cents. What is still worse, the fixing of an unfair or impossible low price on farm products, not only is an affront to the patriotic men engaged in this vital industry, but must unfailingly operate to defeat their efforts and go to make a shortage inevitable sooner or later.

I have tried to put the case plainly to you as the farmer sees it, that the Food Administration may not in any circumstances be deceived or illy advised in a matter so important.

*Arthur Capper*  
Governor.

### Livestock Receipts Increase

Receipts of cattle, hogs, and sheep at 58 markets during August show increases of 10.8 per cent, 31.2 per cent, and 26.6 per cent, respectively, when compared with the receipts at the same markets during August, 1917, according to the monthly stockyards report issued by the Bureau of Markets, United States Department of Agriculture. For the first eight months of 1918 the combined totals of the same markets show that the receipts of cattle increased 12.3 per cent, hogs 10.6 per cent and sheep 5 per cent when compared with the receipts of the corresponding period of 1917. Comparative figures on shipments and local slaughter also show increases for all species in August, 1918, and for the first eight months of 1918, with the exception of the slaughter of sheep, which shows a decrease of 2.2 per cent during the first eight months of this year.

Receipts at 58 markets in August, 1918, and August, 1917, the figures for 1918 being given first, were: Cattle, 2,010,765, 1,815,068; hogs, 2,446,103, 1,864,097; and sheep, 2,214,699, 1,748,735. Shipments at 48 markets were: Cattle, 842,335, 700,758; hogs, 842,143, 582,582; and sheep, 1,184,596, 925,943. Shipments of stockers and feeders show large increases, the percentages for August being: Cattle, 20.3 per cent at 38 markets; hogs, 173.9 per cent at

22 markets; and sheep, 44.2 per cent at 27 markets, while for the first eight months of 1918 the percentages were: Cattle, 8.6 per cent at 38 markets; hogs, 94.8 per cent at 25 markets, and sheep, 39.4 per cent at 29 markets.

Slaughter figures at 45 markets for August of both years, with 1918 figures first, were: Cattle, 1,180,179, 1,088,787; hogs, 1,568,206, 1,262,984; and sheep, 888,238, 713,623.

Both receipts and shipments of horses and mules increased about 38 per cent in August, 1918, altho the totals for the first eight months of 1918 show a decrease of 8.9 per cent in receipts and 8.5 per cent in shipments, as compared with the first eight months of 1917.

### First Concrete Vessel

That the much talked of new concrete ship Faith, generally considered a discovery in shipbuilding that will revolutionize the industry, was antedated by some 12 years in the Philippines is a fact not generally known even to Filipinos. The bureau of navigation of the islands constructed in 1905, however, a floating reinforced concrete dock for the use of boats in the Pasig River, a dock which is in use to this day, and perhaps, the first success achieved in the use of concrete in shipbuilding.



## REPUBLIC

### Internal Gear Drive

## MOTOR TRUCKS

Save  
Time  
and  
Labor  
on the  
Farm

Farmers who own Republic Trucks don't have to depend on extra teams to help them out when the rush of getting fall crops to market is on.

Republic Trucks are a profitable investment on any farm. They are built with the extra strength and durability that insure their working for you day in and day out in any kind of weather.

The Internal Gear Drive has nothing to do but to drive the truck. It applies the power near the rim of the wheel and gets a big increase in pulling ability. The load is carried on a separate I-beam axle of solid forged steel, much lighter than any other form of construction and at the same time stronger.

This saving in unsprung weight means longer life to tires and important savings in gasoline and all other upkeep expense. 45% greater road clearance make these trucks travel any country road easily without fear of stalling even in mud and snow.

Republic trucks have been proved efficient in every kind of hauling. Last year Republic produced and sold more than twice as many motor trucks as any other maker.

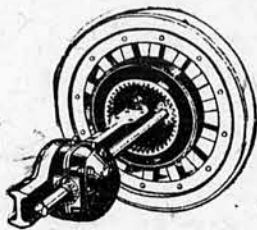
More than 1300 Republic Service Stations distributed all over the United States, back up Republic quality.

Seven Models—¾ ton to 5 ton.

See the nearest Republic dealer and write us for late booklet!

REPUBLIC MOTOR TRUCK CO., INC.  
Alma, Michigan

The Largest Manufacturers of Motor Trucks in the World.



The Internal Gear Drive delivers 92% of the motor power to the wheels. We know of no other drive that delivers as much.

## Gehl Alfalfa Cutter

Alfalfa hay fed to your stock, means a loss of 10% to 30% because of waste. Alfalfa cut into meal, or chop, equals bran. It can be fed to your cows, horses, hogs, sheep and poultry without waste.

Alfalfa chop means a gain of \$4.00 to \$6.00 per ton if sold or if fed to your stock. The chop, of even lengths of alfalfa stems and leaves, requires less than half the storage space and it can be cut for less than the cost of baling, by the Gehl Alfalfa Cutter or the Gehl Alfalfa Attachment which fits any recent model of the Gehl or Silberzahn ensilage cutter. It does not shred, grind or crush the alfalfa into the undesirable condition of fibre and dust.

### Write for Free Folder

describing the Gehl cutter and attachments. Built of steel—heavy triple steel frame—steel carrier or blower—double bearings on all gears—these spell durability and dependability. Equipment is furnished as required—blower or carrier, attachment for mixing with molasses, and other feeds, and low feeding platform. Complete plans without obligation. Write today.

GEHL BROS. MFG. CO.  
Dept. 253, West Bend, Wis.

Built of Steel





# COOK'S PAINT

## Made By Experts Who Know Your Needs!

IT'S good business to paint your property regularly.

Every farmer knows that.

But be sure to get the paint that's best suited for your needs. COOK'S is made in a great modern plant here in the Middle West. Our men know your requirements.

COOK'S PAINT covers more surface per gallon. It doesn't crack, blister, peel, chalk or scale. You'll find it sensible economy to use COOK'S PAINT for every painting job about the farm.

If there is not a COOK dealer in your locality, it will pay you to write us for COOK Color Cards and full information about the paint that's "Best for wear and Weather."

**C. R. COOK PAINT CO.**  
Factory at 21st and Broadway  
KANSAS CITY, U. S. A.



## MAGNETO REPAIRS

### War Service For Tractors

Keep your tractor going. Insure dependable service by keeping your magneto and electrical parts in perfect condition.

### K. W. and Kingston

Magnetos can be overhauled in one day in our shops. We are the official representatives for K. W. and Kingston Magnetos in this territory.

Send us your electrical repair work of any kind. State in your letter if the parts are used in agricultural work essential to winning the war, and we will route it ahead of all classes of work. Keep that tractor busy—don't let it lay idle on account of needed electrical repairs—send your magnetos to us.

### COWIE ELECTRIC CO.

1815 McGee St., Kansas City, Mo.  
1238 E. Douglass St., Wichita, Kan.

## CHIEF

For the up-to-date, practical hog raiser. Designed and made by specialists—heat and ventilation—most satisfactory window money can buy. Admits direct sunshine and makes hogs healthy. Made of galvanized steel, will not leak—can not rot, rust, or warp.

Blue Prints of Now Hog Houses Free. Write today for our CHIEF hog house plans—4 complete plans prepared by experts. Embodies all modern features—full details and specifications. Worth money to you. We'll tell you about our other specialties—Chief Steel Ventilating Cupolas, New Chief Ventilating Windows, Chief Sidelight Windows, etc.

SHRAUGER & JOHNSON COMPANY  
580 Walnut St. Atlantic, Iowa

Never need paint or repairs—good service. Equip your hog house now.

## Help the United War Work

Be Fair with the Boys on the Firing Line

BY CHARLES DILLON  
Managing Editor Capper Farm Papers

MANY fathers and mothers in the country, knowing how strange their boy has felt in making his first visit to a large city, wonder what he does when he reaches France, where he cannot even speak the language. The organizations included in the United War Work Campaign have taken care of this feature along with many other very necessary activities in this country and overseas. It is to be expected that a boy would feel strange entering an entirely new life, whether it be in an American army camp in this country or in France, but particularly abroad. The "huts" provided in these camps are the soldier's church and college, his gymnasium and his club. Classes in French, mathematics, history and business practice are held regularly, so that hundreds of thousands of boys who are ambitious and wish to come out of the War better than when they went into it, need not get behind in their studies and, indeed, they may even acquire one or two additional languages.

### Keep Them Satisfied

The soldiers of America will not have to face the hardships which confronted the soldiers in the Civil War, North and South, and we ought to be mighty thankful for this. It means better men and cleaner lives. It ought to give the mothers a fine sense of security to know that their boys are not being wasted. There is a great satisfaction in this. We had some indication of the opposite kind of life in the Spanish-American War, and even during the days on the Mexican Border when General Pershing took his men into the Southern republic or distributed them along the frontier. We don't want any more of it. The way to prevent this, the way to bring these soldiers home right, is to provide the things they need for comfort, physical and spiritual, and for proper entertainment. These things make up the strength of the army; they supply the fighting temper, or rather they create what we know as the morale of the army. Without this morale, with the men dissatisfied, discontented, trouble is sure to ensue.

The American public has learned the lesson of giving, because thru the tragic channels of the casualty list, it has learned to understand its grave responsibility to the world at large. We have been self-centered. We have been content for generations to make money to grow more corn, to feed more cattle, to buy more land to grow more corn. We have seldom thought about the other fellow. But the War has changed this and now we know that America must win the Great War. Men win battles, but wealth wins wars. Therefore, the way to win battles is to make the men fit, and it is your duty and mine, and the duty of all of us to keep them fit.

### Young Farmers in Arms

More than 15 million persons are engaged in America in agricultural pursuits of one kind or another. We have about 6½ million farms. This means that a very large part of our armies is made up of farm boys and boys from very small towns. Let us take care of them. When the committee comes round to ask for our contribution for the United War Work Campaign, let us not try to get out of a very manifest duty by saying that we have just subscribed to the Liberty Loan. America has been in the War only a year and a half. We have not reached the outer lines of self-denial. As long as we continue to eat three good meals a day and wear reasonably good clothes; as long as we continue to have a safe shelter; as long as we can go about our ordinary daily round of duties without interference and with a large degree of certainty that we are going to sleep in security; just as long as these things continue, we shall not know self-denial or sacrifice. Put these in contrast with the boy who gives his life, and you will not find much difficulty in contributing liberally to the United War Work Campaign.

Don't let anyone tell you that the

Y. M. C. A. or some other of the seven organizations in the United War Work Campaign makes your boy pay for the things he gets at the front! There's nothing to it.

In the front line the "Y" sells nothing. Chocolate, fruit, soup and cigarettes are given away for the asking, to the amounts of hundreds of thousands of dollars. In the canteens further back tobacco, which is the largest item, is sold at the same prices as in the quartermaster's stores, the "Y" standing the transportation loss, which amounts to a very large total. The "Y," which is the name used by soldiers everywhere for the Y. M. C. A., never has, and never will make one cent of profit on its activities.

This is just as true of the Salvation Army, the Jewish Welfare Board, the War Camp Community Service, the K. of C., American Library Association, and the other War Work organizations. They are not in the War for profit; they are our representatives in camps of this country, and in the other countries where our men are fighting, our representatives sent out to supply the comforts and entertainments, and the helpful companionship, or advice, which will make life worth while living, and bring our boys home in better condition than when they left.

General Pershing, in General Order No. 33, asked the Y. M. C. A. to take charge of the canteen. He had seen the Mexican Border before and after the arrival of the "Y," he knew what that organization could do.

My father fought in the Civil War, and his father was in the Revolution. I have no record of what was said by the soldiers in '76, but I do know that my own father agreed, after a year in prison camp, that war was precisely what Sherman said. You all know the word. War is bad enough at any time, even with all the best of comforts we can provide, with the best of care and hospitals, and convalescent camps, war is bad enough. It is so bad that our men are fighting with extra determination to see that we shall have no more of it after the present job has been completed. If we expect our men to do a good piece of work; if we want these boys to come back to us fit, and able to take up their work on the farms, in the stores, colleges, business houses or on the farms as strong, or stronger than when they went away, we must respond freely whenever we are asked to give in the support of activities, such as are included in the United War Work Campaign.

### Seven War Societies

President Wilson decided before the Fourth Liberty Loan was launched, that all these activities of the seven organizations, the Y. M. C. A., the Y. W. C. A., the K. of C., the Jewish Welfare Board, the War Camp Community Service, the American Library Association, and the Salvation Army should be consolidated under one head, and instead of going to the country frequently for money to support them, it would be better to ask for one amount.

You can save that much by keeping your motor car in the garage one day. You waste more than a dollar every week in feeding the stock, no matter how careful you are. It was figured out some years ago that the average farmer wasted enough corn in a year in feeding his livestock to pay his share of the tax required to build and maintain a good hard surfaced highway past his farm.

I have often thought what we all need to do in rural America is to put to some wise use the money we waste. Here is a chance! Don't miss it.

[The readers of the Farmers Mail and Breeze and other Capper Farm Papers, no doubt will be interested in the announcement that Charles Dillon, Managing Editor of the Capper Farm Papers, has been chosen to direct publicity for Rural America for the United War Work Council. Despite the fact that this is a busy time for farm papers Governor Capper without a moment's hesitation responded to the call of this organization, and agreed to give Mr. Dillon's services to it as long as the best interests of our country demanded this sacrifice. Mr. Capper is a true patriot and shows in this instance as he has on every other occasion that he never hesitates to sacrifice his own private interests for the good of the nation.]

—John W. Wilkinson, Associate Editor.]

## ATWATER KENT

SCIENTIFIC IGNITION

Put an  
Atwater Kent System  
on your Ford

IMAGINE being able to throttle down your Ford and pull slowly, yet powerfully on high at three or four miles per hour, accelerating swiftly to forty with velvety smoothness. Atwater Kent Scientific Ignition, by reason of its big, hot spark, reduces gear shifting, prevents motor stalling, facilitates starting and saves gas. Eliminates fussy vibrators from dash.

Type K-2 (with automatic spark advance)



Type H (without automatic spark advance)



There's a type system to fit every car made. Atwater Kent Scientific Ignition will improve tractor performance.

Write for literature or see your dealer today

**ATWATER KENT MFG. WORKS**  
4929 Stenton Avenue  
Philadelphia, Pa.

## ECLIPSE

### Cheap pumping - use the Wind

PUMP water with the Eclipse Wood Windmill—use wind for power. Our records show that your water supply will cost you only \$1.65 a year, figured on service in years, rather than first cost. Eclipse Mills have been sold for 50 years and can give names of farmers who are still pumping water with the Eclipse, after 38 Years of Service. Buy the Eclipse—it is a time-tested, solidly constructed, powerful windmill, requiring little attention and no repairs. Go to your dealer for an Eclipse Windmill and Tower. He will serve you. Fairbanks, Morse & Co. Chicago, Illinois Manufacturers

## GET A WITTE "KERO-OIL" ENGINE

Money Back If Not Satisfied on My New 90-Day Engine Offer

Have More Power—Do your work easier—Get a better engine—At less cost—Make more money—Save more fuel—Immediate Factory Shipment—Five-Year Guarantee—90 Day Plan—Hundreds of engines—30 H.P.—all styles—Ready to Use—Suit Yourself as to terms—Cash—or Payments—or if arranged for, write for latest book—(copy righted)—"How to Judge Engines"—and latest wholesale factory prices—Direct. I ship everywhere in the U. S.—guarantee safe delivery—Save You \$15 to \$200—make you the best price. I can ship big engines—or small engines—on wire orders.—ED. H. WITTE, Pres.

**WITTE ENGINE WORKS**

1548 Oakland Ave., Kansas City, Mo.  
1548 Empire Bldg., Pittsburg, Pa.



# Keep School Kiddies Warm

## Ventilation and Proper Heating Insure Comfort

BY K. J. T. EKBLAW  
Specialist in Farm Engineering

FORTUNATELY, the development of good school buildings for rural districts has been accomplished so completely that in the West it is a comparatively difficult thing to find a school house that is not well built. Many of us, however, can remember the time when sod or logs or rough stone were the main building materials available, and when even these were not used to the greatest advantage. The pioneer had about as big a job as he could handle in putting up the buildings of his own farmstead, and the school houses were usually constructed in a sort of a "lick and promise" way.

In those days problems of heating and ventilation were not very seriously considered. Usually, plenty of fuel was provided and as far as providing the heat was concerned there was always sufficient. Whether this heat was properly utilized or not is another question. The fellow sitting next to the stove on a good cold day might have had a little bit the advantage of the fellow who was sitting next to the wall or the window, but in order to maintain anything like a comfortable temperature over the greater part of the room, it was necessary to keep the stove roaring. Of course, this resulted in a great deal of radiant heat emanating from the stove and those pupils sitting near it were nicely "toasted." Ventilation is a word that the pioneers never worried about. In the minds of most people, ventilation means fresh air, and the old-time buildings had more fresh air than the dwellers therein could make use of. It was the same with school houses; there was certainly plenty of ventilation. Ventilation came in thru all of the cracks and chinks and little holes in the wall; it came in around the windows and the door; and it came up thru the floor. No special efforts were necessary to get it. In fact, it was ventilation that made the fellow sitting far from the stove shiver and put on his ear muffs.

The average school building as found now in the Western rural districts is a fairly well constructed building. Quite often it is built of brick, is well designed, both structurally and with regard to interior arrangement for convenience and comfort. Many Western school houses are built of stone and when this material is properly used it is very desirable. Wood and plaster construction is also common and a well constructed frame building with properly insulated walls is quite successful as a conservator of heat.

### Good Building Materials

The desirability of various materials as viewed from the heating standpoint, depends upon the ease or difficulty with which heat will pass thru them. An 8-inch brick wall; an 18-inch stone wall; a 12-inch concrete wall are all approximately of the same efficiency, so far as heat transmission is concerned. Frame walls, when properly made, are even better than any of the ones previously mentioned. The ordinary frame construction of 2-inch studs, with sheathing, paper, and weather boarding on the outside, and lath and plaster on the inside, is more effective than a 12-inch stone wall plastered. Of course, if heat is to be effectively conserved, the ceiling and walls of a room must be just as thoroughly insulated as possible. This is particularly true of single-room school houses, where all sides, including floor and ceiling, are usually outside surfaces. Of course, but this does not help matters very much. Well fitted windows are also desirable. They should be made to fit close and tight, and in regions where a cold winter is common, storm sash on the windward side are valuable.

It is doubtful whether there is any single-room rural school house in any Western state that has any means of heating other than a stove. In spite of its disadvantage, a stove is not a bad heater when properly used. Among the qualifications for a country school teacher should be included an under-

standing of the principles of stove management and the ability to apply these principles correctly. The common country school stove is of the "cannon" type, i. e., a very plain and simple cylindrical body with a round top, from which the smoke pipe is taken off; with a grate on the bottom and an ash door below it, and with a fire door in the side. There should be a damper in the smoke pipe. When starting the fire the ash door damper should be opened, as well as the smoke pipe damper. This will result in the production of a strong draft, which will quickly ignite the fuel. When the fire is going well, the draft should be regulated by closing the ash door damper and adjusting the smoke pipe damper so that just enough draft is allowed to keep the fire going steadily. The fire door should never be opened except to put in fresh charges of fuel, or if for any reason it is desired that the fire should be rapidly lowered.

### Location of Stove

The location of the stove is usually in the center of the room. Heating is accomplished mainly by radiation and convection. Radiant heat is that admitted from the stove in direct rays, as light is sent out from a lamp. Convection heat is heat carried about by air currents which are warmed at or near the stove, and which are carried about the building. It readily can be seen that radiant heat is of benefit only to the immediate surroundings of the stove. Main reliance must be placed on the convection heat for heating the more distant parts of the room, and better distribution of heat will be effected if arrangements be made so that the amount of radiant heat can be cut down and the maximum of convection heat will be utilized. The simplest way of accomplishing this is to place a sheet iron shield around the stove, about a foot away from it. It is very easy to place the stove so that the firing door is away from the pupils, and thus the shield can extend around the stove, except where the firing door is located. The bottom edge of the shield should be a foot from the floor and it should extend to a height of 5 feet above the floor. The heat rays emanating from the stove will strike this shield and will be deflected and will warm the air immediately surrounding the stove. This air will rise and flow around the upper part of the room, while the colder air will come in at the lower edge of the shield. In this way a sort of a circulation will be established and in a comparatively short time all of the air within the room will be heated and the difference between the ceiling and floor temperature will not be great enough to be appreciable.

### Fresh Air Needed

Investigations and practical experience of observing teachers, prove conclusively that fresh air is of great benefit to the pupils. In years gone by it was a common sight to find the pupils crowded into a comparatively small room during the winter months, the air of the room odorous and stuffy, and the students dull and apathetic. The teachers thought their pupils were stupid; the pupils thought their teachers cross; the whole reason for the trouble was that the air in the room was so badly vitiated and so full of poison that it acted as a nerve irritant, and neither the work of the teacher nor that of the pupils was being done satisfactorily. Occasionally a wise teacher would be found, who, when she saw that her pupils were becoming dull and listless, would declare a brief recess; would open the windows wide and send the students out for a few minutes' run, so that they would come back into the school house with plenty of fresh air in their lungs; and with the air inside the room entirely renewed, work could proceed twice as fast as before.

The simplest way of ventilating a school building, which has no special provision for ventilation, is to open the windows on the leeward side. This is a crude method but better than nothing, and often fairly effective.

True, eddy currents often whirl around corners and thru the windows, disturbing the students and making them crawl into their coat collars, but this can be obviated to a great extent by opening the windows at the top only. If the lower windows were raised, a slanting shield, made of a piece of 1 by 12 board, can be placed so as to deflect any extra currents upward and prevent them from striking the students directly.

A very effective scheme of ventilation can be installed in accordance with the following description: Let the smoke pipe leave the stove for a short distance horizontally, then proceed upward thru the ceiling. Surround the smoke pipe with another sheet iron pipe 18 inches in diameter, extending to within a foot of the floor and up thru the ceiling. The heat emanating from the smoke pipe will warm the air surrounding it within this second pipe. This air will rise and flow out at the top of the pipe. The air at the floor of the room will flow into the pipe and upward to take the place of that which has just left. It is a well known principle of ventilation that the foul air will collect in the lower strata, consequently, this scheme will remove the foul air from the room.

Some means for admitting fresh air must be provided. One way of doing this is to have an inlet pipe near the ceiling, some distance away from the stove. This pipe should have a deflector, which will keep the air from falling directly to the floor, but will spread it about in the upper part of the room, where it will be warmed before descending to the breathing level. The control of the ventilation system is accomplished by means of a damper located in the bottom part of the outlet flue. When this is closed it will prevent any circulation and this can be adjusted to meet requirements.

### Adjusting Ventilators

Such a scheme as has just been described can be installed at very little expense in almost any school house. It is really effective and the benefits to be derived from it are so far-reaching that they cannot be estimated.

The question of humidity is one that should be also considered in connection with heat and ventilation. Outside air always contains a rather high percentage of moisture and this is necessary for good health. The amount of moisture that air can hold depends upon its temperature. The warmer the air the higher the percentage of moisture. When cold air, which may have a high relative humidity, is warmed, it expands and consequently its humidity is lowered, since the same amount of moisture must now supply a much larger quantity of air. Some artificial means must be provided to supply this deficiency, and for this reason it is desirable to have some large flat pans located in 'out of the way corners of the room, such as on elevated shelves or on top of cabinets, and keep them always filled with water.

In some states the heating and ventilating of school houses is regulated by law, the educators having found that it is a highly desirable thing. Too great care cannot be taken of the young people who are attending our schools and certainly this very important feature of healthy development should not be overlooked.

### Kansas Has Good Apples

According to a report sent out by O. F. Whitney, secretary of the Kansas Horticultural society, the state will produce about 1 million bushels of commercial apples.

Practically all of the Jonathan and Grimes Golden were harvested by October 1. Varieties such as Winesap, Stayman, Ben Davis, Gano, York, Arkansas and Paragon are being harvested now. Two dry seasons have helped to keep in check the fungous diseases and the insects.

Extreme climatic conditions, including two dry summers, placed a heavy burden on the orchards. The vitality of the trees was affected to such an extent that unless they were in a vigorous condition when winter began the cold spring and the severe freeze in April proved fatal. While the quantity of apples may be somewhat diminished the quality is excellent and the color is unusually good.

You can't eat your sugar and give it to the soldiers too.



Save from \$1.02 to \$3.00 per pair on your shoes. Wear-U-Well Dress Shoes at \$3.98 have the style, comfort and wearing qualities of \$7.00 shoes. Our low price is possible because Wear-U-Well Shoes are standardized—are made only in standard styles on standard lasts and in immense quantities. Big selling expenses are saved as Wear-U-Well shoes are sold only through our own factory branch stores. You get the tremendous saving.

The Wear-U-Well Line is complete and includes Dress Shoes, Work Shoes, School Shoes, Ladies Shoes. Every pair represents a saving of from \$1.02 to \$3.00 per pair. See them at our nearest branch store. If you do not know where it is, write us and we will tell you. We will also send you a copy of the Wear-U-Well News, brimful of valuable shoe facts and illustrating the entire Wear-U-Well Line. Write today for a copy.

WEAR-U-WELL SHOE CO.,  
2106 CENTRAL ST.,  
KANSAS CITY, MISSOURI

SAVE A DOLLAR TWO  
**Wear-u-well**  
FACTORY PRICE SHOES

### "Pumps for Every Service"

is the title of our very latest book on farm pumps. Describes pumps for farm and water supply, irrigation, mechanical milking system and many other uses—one for every purpose and for every kind of power. Send for it. Ask our Service Dept. —free—to help you select the pump for your needs from the 300 styles and sizes of

### COULDS PUMPS

Guaranteed. Backed by 69 years' pump-making experience. Write today to Department #1.

The Coulds Mfg. Co.  
Main Office & Wks.  
Seneca Falls, N.Y.

BRANCHES:  
New York  
Boston  
Philadelphia  
Chicago  
Pittsburgh  
Houston  
Atlanta



### TEN THOUSAND—MOTOR MECHANICS NEEDED



YOU are needed at home and in France as men were never before. You are needed on Farm Tractors, Motor Trucks, Ambulances, Automobiles, and repairing Airplanes.

### Big Money—See the World

Good motor mechanics can make all kinds of money now and get a job anywhere. Thousands are seizing this opportunity. You can do it—you can learn this business in a few weeks and be independent.

### The Great Sweeney Auto School

The Million Dollar Sweeney Auto School has added another mammoth building with 200,000 feet of floor space. The newly added building is used exclusively for military mechanical training—the original building is still a commercial school. Here you are taught absolutely everything there is to know about motor mechanics and machines of all kinds, trucks, tractors, aviation motors, automobiles, ambulances, etc. You are equipped practically to fill any kind of a job and get the best salary that is paid.

### Big Free Catalog—Write Today

Send for my beautifully illustrated Catalog, showing and explaining every department and feature of this wonderful school that has started thousands of young men on the road to success. Don't delay—act now because you are needed now.

Address E. J. SWEENEY, Pres.,  
**SWEENEY AUTO & TRACTOR SCHOOL**  
518 Union Station Plaza, Kansas City, Mo.





**Improved Methods Demand Improved Time**

The old well has been yoked to the kitchen pump. Or else you have a towering water-tank, a reservoir all your own.

Picturesque as was the old well-sweep, you wouldn't think of going back to it. You're gradually adding every mechanical aid to farm-efficiency. But have you a Hamilton Watch? The jolts and jars of farm work do not disturb or impair its steady, reliable service. It's the most accurate, attractive, dependable watch our watch experts know how to make. Efficiency—that's its claim to your attention.

## Hamilton Watch

"The Watch of Railroad Accuracy"

It is painstakingly constructed to do just one thing efficiently. It tells time—true time.

Write today for "The Timekeeper"

Hamilton prices: complete cased watches at \$30 to \$155. Hamilton movements to fit your present watch case, \$16 (\$18 in Canada) and up.

**HAMILTON WATCH COMPANY**  
Dept. 73, Lancaster, Pennsylvania

Some  
Satisfying  
Chew!



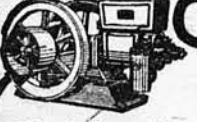
Break two or three little squares off the plug of Real Gravely. It's a small chew—tastes better and stays with you longer than your big chew of ordinary plug. That's why

it costs nothing extra to chew Real Gravely—the best chewing plug in the world.

It goes further—that's why you can get the good taste of this class of tobacco without extra cost.

PEYTON BRAND  
**Real Gravely Chewing Plug**  
10¢ a pouch—and worth it

P. B. GRAVELY TOBACCO CO., DANVILLE, VA.



**OTTAWA KEROSENE ENGINES**

**Start Easy** in any weather. Pull steady. Carry big overload. All sizes and styles. 1½ H.P. to 22 H.P. 90 Days' Trial. Money Back Guarantee. Prompt shipment.

**Low Prices** Write for present money saving prices and Free Book, telling all you want to know about engines. Write today.

**OTTAWA MFG. CO., OTTAWA, KANS.**

**Only \$2 DOWN ONE YEAR TO PAY**

**\$38** Buys the New Butterfly Junior No. 2½. Light running, easy cleaning, close skimming, durable. Guaranteed a lifetime against defects in material and workmanship. Made also in four larger sizes up to No. 8 shown here.

**30 DAYS' FREE TRIAL** Earns its own cost and more by what it saves in cream. Postal brings Free catalog—folder and "direct-from-factory" offer. Buy from the manufacturer and save money.

**ALBAUGH-DOVER CO., 2177 Marshall Blvd., CHICAGO**

## Is Wheat a Profitable Crop?

Acre Yields Must Average More than 15 Bushels

BY PRESIDENT W. M. JARDINE  
Kansas State Agricultural College

**A**LTHO 13 bushels of wheat to the acre is the average yield in Kansas, only farmers who have produced more than 15 bushels an acre have made any money. These are tentative conclusions, reached by an investigation of 20 farms taken at random in Sumner county this year. It is true that conditions vary somewhat in different parts of the state and in different localities within the same region. Further studies are in progress in other counties in order to obtain definite data for all the varied agricultural circumstances in the state.

The figures obtained in Sumner county were obtained by Prof. W. E. Grimes, specialist in farm management for the Kansas State Agricultural college, with the efficient co-operation of W. A. Boys, county agent, and F. M. Sumpter, president of the Sumner County Farm bureau. Farms representing as much as possible the different localities in the county were visited but they were not selected on the basis of good or poor or average crops; they were taken absolutely at random, except for the effort to have all parts of the county included. Part of the data and statistics were obtained from the farmers themselves and part from estimates prepared on records kept in the state for many years.

### Basis for Estimate

Every item which can be evaluated as a part of the cost of production was included. Likewise, all credits obtainable from the crop were footed up. The figures obtained showed the cost a bushel of wheat varying inversely with the yield an acre, with some minor exceptions. For example, the farm having the lowest yield raised but 9 bushels to the acre, making a cost a bushel of \$3.53, or \$1.53 more than what the farmer received. At the other end of the scale were two farms, each of which had a yield of 25 bushels to the acre. The cost a bushel on one of these was \$1.28 and on the other \$1.46, leaving in each case a very substantial profit for the farmer.

Sumner county on the whole is a good wheat county, much above the average of the state. On the 20 farms visited, 64.6 per cent of the cropped area had been seeded to wheat. The average yield an acre on the 20 farms was 17.84 bushels, while the net cost an acre was \$30.30. With wheat selling at \$2 a bushel, the average farmer in this group obtained 30 cents a bushel for depleted fertility, his own managerial ability and profit. With a 15-bushel yield he would have about broken even; with anything less he would have been farming at a loss; with anything more he would have been farming at a profit.

The figures included in the cost of production cover seedbed preparation and seeding, the use of land, the use of buildings, harvesting and delivery to the local elevator, twine, the threshing charges, insurance, the board of the threshing crew, manure, interest on money put into seedbed preparation and seeding, and crop risk. Credited to the crop are the value of the straw and the value of the pasture.

### Cost of Production

Some of the figures involved in the cost of production perhaps require explanation. The use of land was figured at 8 per cent of the value of the land. This includes interest on the investment, taxes, maintenance of roads and fences, and other general maintenance expense on the farm, the proportionate share of which must be borne by the various farm enterprises. The use of buildings was figured at 10 per cent of the estimated value of the buildings as given by the farmers. This includes interest, taxes, depreciation, repairs and upkeep. The use of machinery was put at one-half the cost of horse labor. This basis of estimation was obtained from complete cost accounts.

The crop risk is the farmer's compensation for expense in years of poor crops or failures. The reports of the

state board of agriculture show that 1,372,290 acres of wheat were seeded, and 1,139,635 acres harvested, during the seven years from 1911 to 1917, inclusive. These data were not given in the reports of the state board of agriculture prior to 1911. On this basis, then, there were approximately 5 acres seeded for every 4 acres harvested; in other words, the 4 acres must bear the expense of seed and seeding for 5 acres.

Interest was figured on the cost of seedbed preparation, seeding, and seed for the 10 months' period from October 1 to August 1 at 8 per cent. Many farmers were obliged to borrow at least part of this money, and much money is being lent this year for the purpose. The labor costs were put in at current wages for hired farm labor, whether the work was done by hired help, by the farmer himself, or by members of his family. This makes no allowance for the value of the farmer's ability as the manager of the business.

The following statement shows the average cost of producing an acre of wheat on the 20 farms considered for the season that has just closed: Seedbed preparation and seeding for .496 days of man labor at \$2.63 a day was \$1.305; 2.194 days of horse labor at \$2.25, \$4.936; and for the use of machinery, \$2.478. The cost of 1.141 bushels of seed at \$2.096 amounted to \$2.391; the use of land at 8 per cent of \$74.50, 5.960; and the use of buildings at 10 per cent of \$3.48, \$0.348. The cost of harvesting and delivering to local elevator for .528 days of man labor at \$5.49 was \$2.899; for .816 days of horse labor at \$2.25, \$1.836; and for the use of machinery, \$0.918; for 2.58 pounds of twine at \$0.251, \$0.649; and for threshing of 17.84 bushels at \$0.1556 a bushel, \$2.775. The insurance on growing crop and in stack and bin amounted to \$0.348; the board of threshing crew, the board of teams and men not provided by the farmer, \$0.019; and the cost of manure used \$0.064. The interest on the cost for seedbed preparation and seeding for 10 months at 8 per cent was \$0.740; and the crop risk or the farmer's compensation for losses in years of poor crops or failures, \$2.776. Adding these various items of expense we have \$30.435 as the total cost for an acre of wheat. In the list of credits to the crop we have \$0.098 for straw and \$0.036 for pasture, making a total of \$0.134. Deducting this from \$30.435, we have \$30.303 for the net cost of an acre of wheat.

The average acre yield was 17.84 bushels; the net cost for each bushel \$1.70; the approximate price for each bushel paid to farmers for wheat, \$2; and the pay for depleted fertility, managerial ability of farmer, and profit was \$0.30.

It will at once be seen that the items heretofore given will vary more or less in different parts of the state. For instance, in Western Kansas, where the wheat yield is lower, the average value of the land is lower; where it is \$74.50 on the Sumner county farms it probably would be in the neighborhood of \$50 in the Western part of the state. This would reduce the cost a little more than \$2 an acre—enough to allow, however, for a decrease of but one bushel in the yield. Other possible variations may be noticed. The exact extent of these will be manifested only after figures have been obtained from all parts of the state.

From the data so far obtained there are two conclusions to be drawn. First, as has been heretofore stated, it is of the utmost importance to the wheat growers of the state to have definite figures to present to the government. These figures are now being obtained thru the co-operation of farmers and the Kansas State Agricultural college.

Second, the acre yield is found to be the most important factor in determining profits. Methods which increase the yield, increase the profit also. This is the opportunity of which the individual farmer may take advantage.

When writing to advertisers mention Farmers Mail and Breeze



## A Chance For National Service

As a United States Senator, Governor Capper Could Render the Farmers of Every State Unusual Assistance

The Farmers' National Headquarters, Bliss Building,  
Washington, D. C., October 8, 1918.

Governor Arthur Capper,  
Topeka, Kansas.

Dear Governor Capper:

Without any suggestion or even intimation from you, I write you to express my hope and expectation that you will be elected to the United States Senate. Your work as Chairman of the Farmers' National Committee on War Finance is only one, tho a conspicuous instance, of your fundamental democracy, and your great service to the farmers of the country.

Kansas has gone over the top in Liberty Loans and you have helped bring this about, while you have also realized the necessity for making wealth pay its fair share of the cost of the War.

We feel that you would be a most valuable addition to the small group of men in the United States Senate who, from their own personal experience and business, know the needs of the farmers, and the necessity for making agriculture a profitable industry. We sincerely hope that you will be elected to the United States Senate to make your efforts for the farmers most effective.

GEORGE P. HAMPTON,

Manager and Director of Legislation, Farmers' National Headquarters,  
Washington, D. C.

### Hogging Down Corn

Marketing the corn crop by hogging it down appeals to the average farmer as being especially advantageous, now that he must continue farm operations without sufficient help. After the silos are filled and enough corn to feed the cattle, sheep, and work animals has been set aside, the hogs may harvest the rest. They will eat practically everything but the stalks and thus market the crop with very little waste and at a minimum labor cost.

The hogs should have access to only a small part of the field at a time, that part having been fenced off with a temporary fence. When it is cleaned up the fence is moved to take in another small part of the field. In this way the hogs clean up everything as they go. A very good temporary fence may be made by weaving ordinary hog wire in between the stalks along a row of corn, with posts driven at the corners and the wire tied every rod or so to the corn stalks.

Before turning the hogs into the corn field they should be fed green corn in gradually increasing amounts. It is sometimes necessary in turning young shotes in the field for the first time to break down a few stalks for them until they learn to do it for themselves, or to turn a few heavier hogs in with them for awhile to teach them how. Some farmers follow the shotes with the sows and pigs. This reduces waste to the lowest possible degree.

A protein supplement of some kind should be fed when corn is hogged down. This may be partly supplied by cowpeas planted with the corn or by having an adjoining field of alfalfa, clover, or rape for the hogs to run on. Shorts and tankage or linseed oil meal in a self-feeder where they can have access to it at all times is probably the best way of supplying the protein feed to the hogs. Be sure there is plenty of good fresh water available at all times. For cheap gains, water is an important factor and it is likely to be neglected when the hogs are running in the corn field. A good barrel waterer does very well in the absence of running water.

### Hogs as Food Producers

The hog should be considered as a machine for turning feedstuffs into pork. The more quickly this result can be accomplished the more profitable it is for the owner. It is a common belief that if the grain fed to hogs on pasture is limited, more forage will be eaten and cheaper gains produced. This belief is not substantiated by the feeding tests that have been conducted at several agricultural experiment stations. A full feed of grain to hogs on good

pasture not only produces the most rapid gains, but usually gives the most profitable results. When account is taken of the saving of labor and the reducing of loss from disease by marketing animals when 7 to 9 months old instead of keeping them for a year or more, the advantage is almost always with the more rapid growth. The self-feeder system which permits hogs to eat grain at will either in pastures or dry lots is becoming more and more popular in the corn-belt states, and there seems to be no valid reason why self-feeders should not prove equally successful in all parts of the country.

### New Sheep Instructor

It is announced that Carl G. Elling, specialist in animal husbandry in the division of extension of the Kansas State Agricultural college, will devote most of his time hereafter to the sheep production work in the state, but will continue to give some attention to hogs.

Mr. Elling was born and reared on a farm, and is a practical livestock farmer. He is a graduate of the Kansas State Agricultural college. He was district agricultural agent in Southeast Kansas from 1914 to November, 1917, and since that time has been assisting in the hog production work conducted by the division of extension, and the United States Department of Agriculture.

Mr. Elling has had considerable experience with sheep. His services in the sheep production work may be obtained thru application to the division of extension.

### Kansas Employs Hog Specialist

The Farmers Mail and Breeze is advised that Charles F. Johnson, of Leonardville, has been appointed specialist in hog production for the Kansas State Agricultural college, and the United States department of agriculture in Kansas.

Mr. Johnson now owns and lives on the Riley county farm on which he was born and reared. He raises purebred Poland China hogs and Hereford cattle. His practical experience, his training, and his success as a livestock farmer make him an especially valuable man for the emergency work of maintaining the pork production of the state on a paying basis.

Mr. Johnson is a graduate of the Kansas State Agricultural college.

Walter, a bright little boy of somewhat skeptical turn of mind, had the lesson in Sunday school about the man at the pool of Bethesda. When asked what caused the troubling of the waters he said, "Well, teacher, they thought it was angels, but I kind of think it was frogs."



## Ten Million People

look for the Red Ball Trade Mark when they buy rubber boots, arctics, Coontail knit boots, light-weight rubbers, etc. The Red Ball means More Days Wear. It is in plain sight on every "Ball-Band" boot. Look for it.

**"BALL-BAND"**

Ask your dealer for a pair of "Ball-Band" light-weight rubbers. They are of the highest quality and come in sizes for men, women and children.

Over 60,000 dealers in the United States carry "Ball-Band" Rubber Footwear. Ask your dealer. Write for our free illustrated booklet.

If your dealer is not able to supply you promptly with the particular type of "Ball-Band" Boots or Arctics you desire, we can only ask you to be patient. Many of our boys in France are wearing "Ball-Band" Rubber Boots and Arctics. Meantime we are doing our utmost to supply, as quickly and as fully as possible, the wants of "Ball-Band" wearers at home.

MISHAWAKA WOOLEN MFG. CO., 441 Water St., Mishawaka, Ind.  
"The House That Pays Millions for Quality"

## Get Stock Profits Now

Don't wait until another year. Speed up your stock now—sell more products on the present high market. Cash in while market conditions are in your favor.

### PRATTS ANIMAL REGULATOR

The Original Guaranteed Stock Tonic and Conditioner

will quickly put your horses, cattle, sheep and swine in perfect physical condition, able to do more, to earn more dollars for you. Test it today, with any kind of live stock, at our risk.

Pratts Animal Regulator brings strength and vigor. It is a combination of tonics and conditioners used with the regular ration. It improves appetite and digestion—prevents feed waste—regulates the bowels—purifies the blood—puts "pep" into stock of all kinds. Its regular use prevents loss, increases production, insures profits.

Our dealer in your town has instructions to supply you with Pratts Preparations under our square-deal guarantee—"Your money back if YOU are not satisfied"—the guarantee that has stood for nearly 50 years.

Write for big Stock Book—FREE

PRATT FOOD COMPANY  
Philadelphia Chicago Toronto

### Big War Hay Demand

THE one real hay baler to meet the war time demand for hay. Fastest hustler baler ever made—30 years a leader. Admiral—a money maker. Write for our latest hay baling profit book. Get wonderful money-making opportunity with an Admiral Hay Press.

Admiral Hay Press Co., Box 72 Kansas City, Mo.

**CHICKENS SICK?** Roup, Colds, Canker, Bowel Complaint, Limberneck, Sorehead, etc., the best remedy is always GERMOZONE. At most dealers or 75c postpaid with 5 book poultry library free. Geo. H. Lee Co., Dept. 407, Omaha, Neb.

### TIRES 1/4 LESS

There's a way to obtain high-grade tires at manufacturers' prices. Write and we'll tell you. Freshly made tires, every one.

**GUARANTEED 6000 MILES**

(No seconds.) All sizes, non-skid or plain. Shipped prepaid on approval. This saving on guaranteed quality will open your eyes. State size tires used.

SERVICE AUTO EQUIPMENT CO.  
808 Traders Bldg., Kansas City, Mo.

### 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.



## With the Home Makers

### Why not Organize a General Improvement Club?

BY MRS. LAUREL CARTER

THE DESIRE for companionship is the cause of a large number of young folks leaving the farm for the city. While the telephone drew the town and the country closer, it increased the isolation of the farmer at the same time for it has done away in a large measure with the good, old-fashioned visiting. The motor car did not help matters much, either, for we are more likely to go to a movie in town or for a long spin when we have a car than we are to visit our neighbors.

The problem of how to keep alive the community spirit was solved in 1913 in the valley of Four Mile, a beautiful creek emptying into the Neosho River about 3 miles east of Council Grove, by the organization of what is called the General Improvement club. The motto of this club is: "Do all the good you can, in every way you can, to all the people you can."

The third Thursday of each month is the regular meeting time for this club and the meetings are held at the homes of the members in alphabetical order. As there are 20 members, it takes a little more than a year to make the round. At first there was a short literary program at each meeting and the remainder of the time devoted to visiting. But, since our boys have gone "over there," the programs have been dropped and Red Cross sewing taken up. As needles fly, tongues are busy and all sorts of matters are discussed—from the latest war news and the best recipes for the use of wheat substitutes to the best way to avoid colds.

Some of the members wished to serve refreshments at each meeting—some of the neighborhood clubs did but as a good many opposed this, a happy compromise was arranged and each member agreed to pay 25 cents a quarter to cover the expenses of four banquets a year for the members and their families. The oyster supper and the two ice cream suppers were given at night but the New Year's banquet was a dinner and the whole day devoted to it. Each member took four edibles and the money in the treasury was used to buy celery and the ingredients for a fruit salad which one member made. The result was a bounteous and delicious meal at no great cost to anyone.

A committee made all the arrangements for these banquets, doing the serving and informing the members as to what they were to bring. The first five from the alphabetical list served at the first banquet and so on down the list. In this way no one was overworked and each did her share. We always went home from these affairs feeling better acquainted with our neighbors and, as is always the case when we come to know people better, we found much to admire and respect in each one.

The husbands and children were very enthusiastic over these banquets and felt deeply disappointed last fall when we decided to omit the September banquet and give the money to the Red Cross. But, as we heard more of the want and suffering of war stricken Europe, everyone unanimously agreed to give up the banquets, increase the dues to 50 cents a quarter and adopt a French war orphan.

This is only one of the good works of this club. There is a lonely, little cemetery in this neighborhood which has no shelter of any kind in it and when there is a death the funeral is held at the home which often is too small to accommodate more than half the crowd. Then the procession wends its way to the burial place and the sorrowing family and friends must stand unprotected in the biting winter winds or the scorching summer sun.

The women of the General Improvement club discussed this among themselves two years ago and with the members of the Daisy Dozen club, another live club of this vicinity, decided to erect some sort of a building in the cemetery. Some of the women thought a church should be built, but the majority thought the building should be used for other than religious purposes so a community building was decided upon, one in which funerals, Sunday

school, church, grange meetings and the club banquets could be held.

Then the women went to work. They had ice cream socials, and a big dinner in Security Hall in Council Grove. They sewed carpet rags for rugs, canvassed their own and a neighboring community for chickens to be sold for this fund, served lunches at sales and pieced a quilt. As a result they raised about \$800 and the building site was donated. They hoped to begin the building immediately but since our entry in the war, they felt their first duty was to Uncle Sam so the money was put out on interest and nothing more is to be done until the great conflict is ended.

Altho these women have done so much, they have never been too busy to visit and help in the homes of the sick or bereaved; and no funeral has been held in the neighborhood that has not been brightened by a beautiful bouquet of hot house flowers from the club. Only a little thing, perhaps, but "When the heart is overwrought, oh! who can tell the power of such little things to make it well?"

If any farm women find themselves longing for more of the companionship of their fellow creatures and for a better community spirit, I advise a similar organization.

### Keeping Sweet Without Sugar

BY MRS. DORA L. THOMPSON  
Jefferson County.

The newspapers told months ago how popular honey was in England. Many persons had begun to work with bees, we were told. The same condition seems to exist here now. Probably the sugar rationing has much to do with the honey market. One can buy all she wishes at grocery stores at 35 cents a pound for comb honey or 40 cents a pint for strained honey and glass can container. Many women prefer, however, to buy honey directly from the beekeeper at 20 cents a pound. Such has been the demand for honey that beekeepers in this locality limited their sales to 25 pounds to a customer and their supply is all sold.

Another sweetener that is meeting with much more favor than usual is the sorghum sirup. Many persons are driving for miles to get their jars or cans filled directly from the maker's barrels or boiling pans. Sorghum was sold last year for 65 cents a gallon by the barrel and 75 for lesser amounts. This year we pay 90 cents for sorghum direct from the boiling pan and \$1 from barrels. We have in most instances better sirup than that of last year. Much of last year's cane was frost-nipped. This we have bought weighs 12 pounds to the gallon.

One may acquire a taste for molasses until a meal will seem incomplete without it. We have heard of the country lad in the city cafe who looked over a list of tempting dishes but could find none that appealed to him. To satisfy his hunger, he asked if they hadn't "bread and lasses." None of us would seek to develop such an abnormal taste but a liking for this sweet might well be cultivated in children.

Most children like fresh gingerbread as well as cake. Molasses filling in layer cakes proves as satisfactory as sugar. It usually requires as much sugar for cake filling as for the cake, so the elimination of the sugar in the filling would make possible more cakes. Sorghum candy admits of many varieties in flavors and combinations. A favored candy of school days was sorghum candy with glucose and butternut meats. Too much candy of any kind is harmful to children, but certainly the candied fruits and nuts and the sorghum candies are as wholesome as any. Those who make the most of other sweeteners than sugar are helping to conserve needed foods as well as those who make the most of wheat substitutes.

A picture of a dog, drawn and cut out, bore on its back an invitation for the mothers to come to our district school house Thursday, October 10, at 2:30. We have a new teacher this year, who is taking this means to get acquainted with the mothers and to enlist them in getting some needed improvements. We now have co-operation of teacher and parents in an effort to standardize our school—an effort that lacked in some ways last year so much we didn't ask for inspection.

The meeting of mothers and teachers ought to be a very desirable way of connecting the school and the home. Many misunderstandings might be avoided if parents secured the teacher's viewpoint. Many of the precautions needed in keeping children healthy and free from contagious diseases might well be discussed at such meetings by the mothers or by the local physician. In a nearby school where such meetings are a regular occurrence, others of a community nature are planned and the best of neighborhood spirits promoted. Speakers on war subjects and others are secured; lantern slides furnished by corporations and schools are enjoyed and virolas, choruses and readings complete the programs. In this district we have had community meetings that grew to be country-wide in attendance. Now we are trying a very small meeting of those most vitally interested in the welfare of the school.

### Be Kind to Your Hands

The weather is no respecter of persons nor of hands. Cracks will come and linger and roughness will remain a long time unless the hands are given some special attention.

For those persons who have tried "this and that" with no success, the following recipe is offered: Witch hazel, 2 ounces; rose water, 2 ounces; glycerine, 1 ounce; and benzoin, 10 drops. Shake well, apply a few drops to the hands after they have been washed, then rub until dry.

Carol C. Grain.

### Let the Dust Mop Help You

One of the best labor savers within the means of every housewife is a dust mop. This mop saves moving heavy furniture to clean and dust under it and with it the floors can be cleaned, dusted and polished all at one time. Why not invest \$1 or \$1.25 in a dust mop and stop the old back-breaking way of getting down on your hands and knees to dust the floors?

If you number the letters written to your soldier boy and ask him to number his, an accurate account can be kept of the letters received.

### Loyal to Cotton

When the merely partisan Democratic politician starts his strut about loyalty and helping the President by declaring, like the kaiser, only his party and God are to be trusted to help win the War—a statement disproved by the records of Congress—he should be asked why, if this is the case, he and his colleagues when requested by the War Industries Commission to apply price-regulation to cotton as a war measure, have instead fought to prevent putting any limit on the price.

The Western wheat-grower has just had the price of his product regulated for the third time since we entered the war, and is striving, as he should, to grow a larger war crop than ever. During this period, cotton free and untrammelled, has soared from 12 cents to 40 cents, for which the Southern politicians loudly blame the speculator while defending him. It was precisely to stop just such inevitable speculation and profiteering in wheat by speculators, that wheat was put under strict price-regulation two years ago and has been kept there ever since.

The situation, however, illuminates one fact. It very emphatically disposes of all hot-air pretenses that a monopoly of all the loyalty and patriotism in the country is vested, and vested only, in the political party responsible for such gross favoritism. Put to the test as a party, it is proved to be intensely patriotic as to wheat, but more especially and devotedly loyal to high prices for cotton, the higher the better. Which is exactly the attitude of the profiteer.

### Simple but Pretty Designs

Girls' four-gored petticoat 8951 may be finished with a plain hem or with a straight gathered ruffle. Sizes, 6, 8, 10, 12 and 14 years.

The lower edge of ladies' skirt 8954 is straight and the closing is at the left side front under a tuck. Sizes, 24, 26 and 28 inches waist measure.



The waist of ladies' dress 8953 is semi-fitted, and the skirt has two gores. Sizes, 36, 38, 40, 42 and 44 inches bust measure. These patterns may be ordered from the Pattern Department of the Farmers Mail and Breeze, Topeka, Kan. Price 10 cents each.

Conservation is the All-American job—an army of 4 million soldiers must be fed from this year's crop.

The sugar S. O. S. is a do it now call—for what is not done well now will not be done at all.

If your subscription is soon to run out, enclose \$1.00 for a one-year subscription or \$2.00 for a three-years subscription to Farmers Mail and Breeze, Topeka, Kan.

## Special Subscription Blank

Publisher Farmers Mail and Breeze, Topeka, Kan.

Dear Sir—Please find enclosed \$1.00, for which send me the Farmers Mail and Breeze for one year.  
three

My subscription is .....  
(Say whether "new" or "renewal")

My Name .....

Post Office .....

State ..... St., Box or R. F. D. ....



### Are You a Household Drudge?

Fully three-fourths of all women readers of farm papers do their own work unaided by servants. Would it be consistent to say that the same per cent have but few labor-saving devices? You will find a power house with washing machine, cream separator, churn, lights, running water and bath house, in only one house out of four in most parts of the country.

The general idea is that woman's work does not bring in any returns in actual dollars and cents and therefore it does not pay to invest in expensive up-to-date machinery for her. The men in most cases are not to blame. They do not realize conditions as they are. If the tables were turned and the men folks did all that a hard-working mother does for one week, there would be some valuable changes in the household.

Women should insist on having every modern convenience in the home that their means will permit; not selfishly or unreasonably, of course, but as co-workers entitled to a certain share of the profits, for it is by conserving their strength and prolonging life that women can best serve their families. This would do away with the drudgery and help to make the girls and boys more contented with country life. It would give mothers and daughters time for mental development and social pleasures that are now for the most part denied. The man would be benefited, also, thru the increased comfort of his home and the wholesomeness of his wife's happy and cheerful presence. A household drudge is never cheerful and happy.

Mrs. G. D. Burney.

### Have You Any Tin?

The government needs tin and you can help fill this need by saving every kind of foil, tubes such as contain tooth paste, shaving cream, salve, paints, and so forth, and pewter articles. Take these to your nearest Red Cross chapter as soon as you have collected all you can find in your home and in your neighborhood.

### Cabbage is Doing Its Part

Cabbage we have with us always and it is the patriotic duty of every housewife to cook it properly and serve

it often to release other foods which must be saved. If you are tired of plain boiled cabbage, try this recipe for scalloped cabbage: Cut  $\frac{1}{2}$  a cabbage into pieces and boil. Put in an oiled baking dish, sprinkle with salt and pepper, and add 1 cup of cream sauce. Lift the cabbage with a fork to mix it well with the sauce. Cover with crumbs and butter and bake until the crumbs are brown.

### Important War Work for Mothers

The most important war work mothers can do is to rear strong men and women to carry on the work of the future. Every mother, of course, desires to protect her child from illness, and now when every ounce of human strength as well as every available dollar is needed to win the war, it is particularly necessary to keep children well. A mother who keeps her children well can save not only the stress of illness upon the children, but the time of a doctor and perhaps a nurse, and the expense in fees, drugs, special food and extra service which serious illness entails.

To suggest to mothers ways of conserving health and preventing disease, the federal government has published a number of helpful bulletins. Among these are "Prenatal Care," which shows the prospective mother how to apply the simple rules of hygiene to her own case; "Infant Care," which sets forth the plain rules of health for the baby; and "Child Care," which describes the care of older children. Any mother may obtain these three free bulletins by writing to the Children's Bureau, U. S. Department of Labor, Washington, D. C.

A recent publication of the U. S. Public Health Service entitled "Prevention of Disease and Care of the Sick," by W. G. Stimpson, M. D., also should be in the hands of every mother. This bulletin gives a clear statement of the practicable means by which families may avoid needless illness. One chapter deals with the prevention of the spread of contagious diseases and the care of patients suffering from them. Until every mother accepts her share of the responsibility for keeping disease under strict control and is willing to aid the health authorities in carrying out the necessary quarantine, our country must bear the drain of these epidemics of contagious disease which now sweep thru almost every community in the United States at some season of the year, leaving behind them a trail of death and illness. "Prevention of Disease and Care of the Sick" may be obtained free from the U. S. Public Health Service, Washington, D. C.

### Make Some Table Silage

If you have cabbage in your garden, save it by making it into table silage or sauer kraut. Remove carefully the outer leaves of the heads and decayed parts. Quarter the heads and remove the hard center core, then shred the cabbage with a hand shredder or cut in thin slices with a knife. Pack immediately into a water-tight receptacle—a stone jar or crock for small amounts, or a cider keg for larger amounts—distributing salt evenly in the proportion of 1 pound to each 40 pounds of cabbage. When the container is full, press down tight, cover with a clean cloth and board slightly smaller than the container, on which may be placed a weight sufficiently heavy to bring up the brine to the wooden cover. Set aside until fermentation is complete, then skim off the scum which has formed which if allowed to remain would lower the quality of the kraut and eventually cause it to spoil. The kraut should then be carefully covered and stored in a cool place.

### Pepper Catsup

Chop fine 3 dozen red peppers and place in a kettle with a quart each of cider vinegar and water. Add finely chopped onions,  $\frac{1}{4}$  cup of grated horseradish, 2 tablespoons of mustard seed and 1 tablespoon of salt. Boil 10 minutes, add 1 cup of brown sugar and cook 1 hour, then add another pint of vinegar. Remove from the stove and when cold, bottle and seal.

Nebraska. C. R.

Your family is missing delicious, nourishing, economical food if you are not serving cornmeal dishes in your home.

## Iron and steel are needed for war.

The U. S. Government is calling for the conservation of metals for war uses.

You can help by making your old range "do"

a little longer. Have it repaired, if necessary. If it is past repairing, and you must buy a new range, get a Majestic. It will save fuel—absolutely heat-tight. It will save food—bakes right always. It will save repairs—its malleable iron frame is unbreakable and its charcoal iron body resists rust 300% better than steel!

Sold by leading dealers in every County of 42 States.

Majestic Mfg. Co., Dept. 229 St. Louis, Mo.

Caution: If your Majestic needs new parts, get them from a Majestic dealer, and insist on genuine Majestic materials—not light, inferior parts made by scalpers.

"The Range with a Reputation"



# Great Majestic



When the morning cup is unsatisfactory

suppose you make a change from the old-time beverage to the snappy cereal drink

## INSTANT POSTUM

You'll be surprised at its cheering, satisfying qualities and delightful flavor. It's all health—no caffeine.

Try a Tin

## VELLASTIC UNDERWEAR

Elastic Ribbed, Fleece-Lined

### The Health Underwear

VELLASTIC is a happy combination of comfort, fit, elasticity and warmth for men, women and children.

The Vellastic fabric is ribbed for stretch—it "gives and takes" with every movement of your body. And it is fleece-lined for warmth and health. Ask your doctor and then—

Buy Vellastic at Your Dealer's

It will make the whole family happier and healthier. Union Suits or separate garments at popular prices.

Utica Knitting Co., Makers  
Sales Rooms:  
350 Broadway, New York



### LEARN TELEGRAPHY

Young men and women attend on credit. A practical school with railroad wires. Owned and operated by the A. T. & S. F. Ry. EARN FROM \$75 to \$165 PER MONTH. Write for catalog.

SANTA FE TELEGRAPH SCHOOL  
505 Kansas Avenue, Topeka, Kan.



FARMERS MAIL & BREEZE  
ENGRAVING DEPARTMENT  
TOPEKA KANSAS  
CUTS OF YOUR LIVESTOCK FOR  
LETTERHEADS & SALE CATALOGS

### Fashion Book FREE!

For a limited time we will send our big fashion book illustrating and describing 200 latest styles for ladies and children to all who send us six cents in postage stamps to pay cost of mailing. Address, The Household Pattern Dept. 7, Topeka, Kansas.

### 24 Beauty Culture Lessons 10c

We will send 24 lessons in Beauty Culture and Manicuring free to all who send 10 cents to pay for mailing expenses. Novelty House, Eighth St., Topeka, Kan.



## Trapping Pays Big

Jim Anthony, Linn County, Iowa, Made \$102.05  
In One Month, Trapping in Spare Time.

### Big Demand For Furs. Get Ready Now!

Trapping pays good profits and it's real sport, too. We need every fur we can get this season. We will do everything possible to help you make a big success. No matter if you never saw a trap before, BIGGS AT KANSAS CITY will show you. Make your plans now for active work the day the trapping season opens.

### Free Advance Information Now!

Send today for advance information on the fur market, price list of furs and Free Catalog of Trappers' Supplies at Low Factory Prices.

**FREE** The "Trappers' Exchange" Greatest Trappers' Magazine published, subscription free to anyone interested. Tells all secrets of trapping. Full of pictures, diagrams, etc. Write at once.

**Traps, Animal Baits, Guns, Etc.**

at rock-bottom money-saving prices. Biggs' Guaranteed Bait sure "get the fur." 432 Biggs Bldg. Kansas City, Mo.

**E. W. BIGGS & CO.**



Don't miss the fine sport and good money you can make trapping in spare time. Our Free Magazine, "TRAPPERS' EXCHANGE" shows how to succeed. Sent Free on request.

## TRAPPERS

**FUR BUYERS**—Write us first. Get our price list and shipping tags—we pay highest prices for furs. We buy every kind of fur. We give your furs an honest grading and remit cash the same day your shipment is received. Write today.



**McCULLOUGH & TUMBACH**  
Established 1893  
116 North Main St., St. Louis, Mo.

## FURS

### Just What You Are Looking For

A Fur House you can depend upon to pay what they quote with a personal, liberal grading. We do not send out an inflated, misleading price list to get shipments. Get on Brown's mailing list and learn why Brown's shippers always stick to Brown, and why our methods mean more money for you. Established for thirty-two years. We can save you money on all supplies. Write us today. Address

**T. J. Brown Fur Co.** 328 Brown Building, KANSAS CITY, MO.

## Get Brown's Prices

## TRAPPERS

**A POST CARD WILL BRING IT TO YOU.**



**THIS BOOK WILL HELP YOU**

To Trap and Hunt, with profit. It shows when and where to trap, and how to prepare skins, to make the most money from them. The Boys and Older Men at Home Will Have Control This Year. There is Big Money to be made. There is a great shortage of skins. Prices will be very high. The War has shut off foreign shipments. Our house is situated to pay you all your skins are worth. We will grade them honestly, and give you a Square Deal. We have standing orders that we cannot fill. Send name and address for the Book. Hides wanted, write for Price List. LINCOLN HIDE & FUR CO., 1004 Q Street, Lincoln, Neb.

## Trappers FREE Secrets FUNSTEN

Our wonderful book reveals old trappers' favorite methods, where and how to trap, best baits to use, how to prepare skins, little kinks that will increase your profits. Mailed FREE. Also includes Game Laws, and big list of Trappers' Supplies at rock-bottom prices—Steel Traps, Guns, Smokers, Baits, etc. Our market reports free! Trappers are going to make heavy profits this season, due to bigger demand for skins, and so many trappers in army. Write at once for above book and fur price list so you will be ready.

**FUNSTEN BROS. & CO.**

of the Int'l Fur Exchange  
228  
Funsten Bldg. **St. Louis, Mo.**

Price \$2 Postpaid  
complete with  
12 Smoke Cartridges

**"Got 14 Skunk In Ten Minutes With**

**Taylor**

**SMOKE TORPEDO"**

The quickest, slickest device you ever saw for driving all den animals into the open. Write for full details. Also get Taylor's "Book of Traps"—shows how to trap, what traps and bait to use; animals in natural colors; full supply catalog. Free. Write today.

**F. C. TAYLOR FUR CO.**  
INTERNATIONAL FUR EXCHANGE  
170 Fur Exchange Building  
**St. Louis, Mo.**

**WE WANT ALL KINDS OF FURS SUCH AS SKUNK, OPOSSUM,**

**MINK, FOX, WOLF, MUSKRAT, ETC. WE'LL PAY THE MOST**

**Remits Quickest. Pays Cash.** Holds shipments 5 days if desired. FURS ARE HIGH. Catch all you can. Follow our Illustrated TRAPPER'S GUIDE, IT'S FREE. Send for it. Make big money. Frequent PRICE-LISTS sent to keep you posted. TRAPS AND BAIT, the kind you want. Get to know us. In business HALF A CENTURY. Biggest House. MOST CENTRALLY LOCATED. Ask any Bank about us. First in U. S. to send Price-Lists to Trappers. Cash for Hides. Let us quote.

**WEIL BROS. & CO.**  
"The Old Square Deal House"  
Box 131, Fort Wayne, Ind., U. S. A., Capital \$1,000,000.00 Paid  
Everybody Interested Write

## HIDES — FURS

**Ship Us Your Furs and Hides**

Get benefit of Stephens system of "One Price." Quoting and marketing. Send for our Price List today showing new plan. Cash Buyers—No Commission Charges.

**A. B. STEPHENS & CO.**  
1902 Wyandotte St., Kansas City, Mo.

## The Old Reliable CLIPPER WINDMILL

Never-out-of-fix. Automatic Governor Insures Mill Against Storms

6 and 8 Ft. Wheels. Simple construction. Friction practically eliminated. Only 9 parts to engine. No squeaking—shafts run in hard oil case. Rwy. Bronze Bushing used. Strongest galvanized wheel known. The Clipper Windmill runs when others are idle. No attention or upkeep. Immediate delivery. Order today and get special prices.

**CLIPPER WINDMILL & PUMP CO.**  
Dept. C, Box 289, Topeka, Kansas

## THRIFT TO FEED

Made entirely from cotton seed meal and hulls, mixed in proper proportion, 100 lb. sacks. Cheap, satisfactory, balanced ration. All feed. Dairy cows. Beef cattle. Car lots. Prompt and deferred shipments.

**F. W. Brode & Co., Memphis, Tenn.**

## For Our Young Readers

### Kansas Boys and Girls Have Traveled Far and Near

BY THE CHILDREN

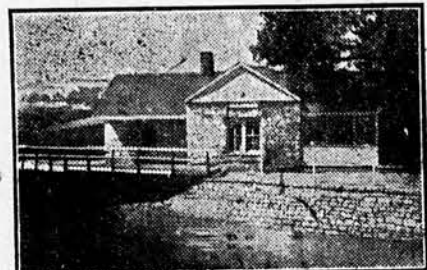
**WE** PACKED our supper and motored 20 miles south of our home one evening to the point on the Arkansas River where the Amity Irrigation Canal gets its supply of water. On one side of the canal are many trees and on the other is a small stone house, called Castle Del Rio. The house has a porch built under a large boulder and also a bedroom and a cellar built in the rocks.

Just to the north is the old Fort Bent, and all around there are hills. In

only went in a car but we rode on top of a motor bus. We went around an island in a small steamer. We climbed up as far as one can go in the statue of the Goddess of Liberty. It was beautiful. We also went up in the Metropolitan Life Insurance Building which is 45 stories high.

One evening we went to the Hippodrome which is one of the two largest playhouses in the world. While in New York we stayed at Hotel Bretton Hall and one evening we dined at the Waldorf Astoria. After we had been in New York four weeks we took a trip to Canada. It is very beautiful there but quite cold. There the people all the way from 5 to 70 years old go skating. We spent three weeks in Canada and returned home by way of Chicago.

McLouth, Kan. Hope L. Dolph.



Castle Del Rio on the Arkansas River

there we found many Indian beads, green, blue, red, pink and white.

We ate our supper on the south side of the canal under the trees. It was a beautiful spot.

Lamar, Colo. Virginia Snider.

### What I Saw in New York

(First Prize.)

When I was 8 years old my mother received a telegram, telling her to come at once to Kingston, N. Y. We went by the way of St. Louis.

The scenery around Kingston is beautiful. From my aunt's home I could see the Hudson River. When we went across the river, we drove our car on the ferry. I went once when there were great caps on the waves.

I had a good time in Kingston. We went motoring and saw some of the most beautiful scenery and many lovely homes of millionaires. I also saw the Palisades. They are great cliffs.

After we reached New York, we did nothing but go sightseeing. We not

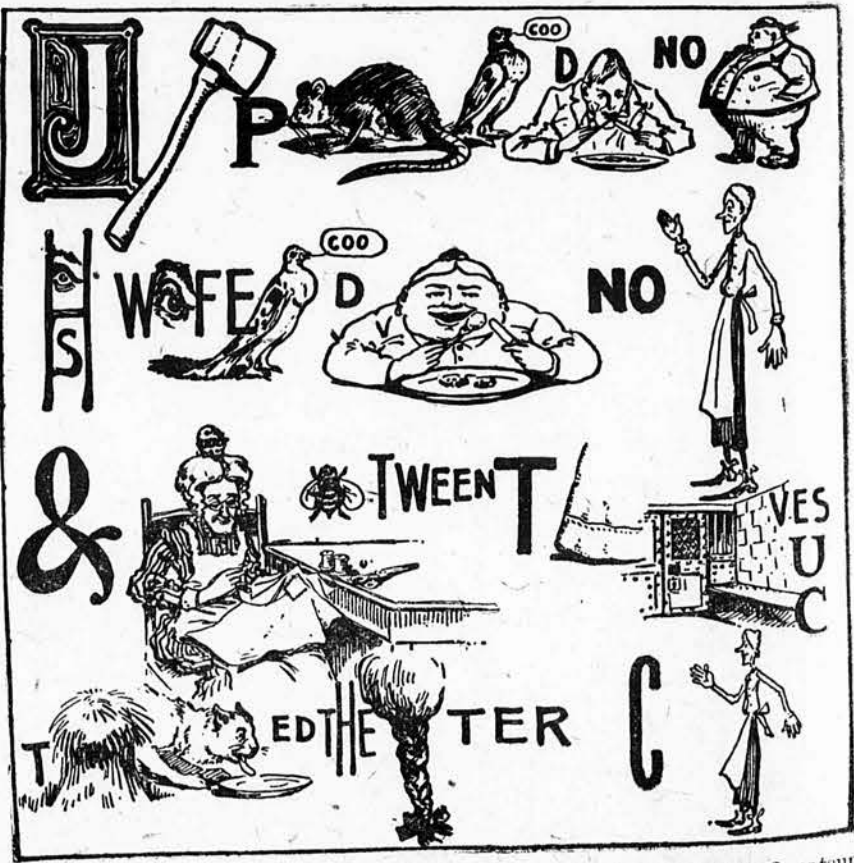
On the way home, I came thru Royal Gorge. I was in Arkansas City, Kan., and saw the Arkansas River there. It was smooth and peaceful looking but if you follow it to its source you find that it roars and tumbles.

I must tell you about the pipe that furnishes Canon City with water. It is laid right along side the mountains and goes thru ever so many tunnels. We could see the intake and where the water is filtered.

Some of the places I visited while on my trip were these: Hutchinson, (Continued on Page 15.)

## This is a Mother Goose Rhyme

Here's another of your favorite kind of puzzles. If you can give the answer, send it to the Puzzle Editor, Farmers Mail and Breeze, Topeka, Kan. There will be packages of postcards for the first five boys and girls sending correct answers. Kindly state your name, age, county and postoffice address.



The answer to the puzzle in the October 5 issue is: 1, doughnuts; 2, catsup; 3, cake; 4, rolls. Prize winners are Lillian E. Vennum, Columbus, Kan.; Elsie Holeman, Dellvale, Kan.; Hazel Roscoe, Osawatimie, Kan.; Hattie Hood, Bellefont, Kan.; Matilda Strutzel, Olpe, Kan.



# Raising Good Dairy Calves

Good Substitutes for Whole Milk Have Been Found

BY JOHN W. WILKINSON

**R**AISING DAIRY calves at the present time is somewhat expensive on account of the value of the milk they consume and on account of the high cost of feed. Calves that are not good enough to be used in building up the herd can be sold to butchers, but the dairyman selling the milk of course naturally raises the question whether he can afford to supply the milk necessary to feed the calf until it is old enough for veal. If the whole milk is sold as market milk or to a milk condensery, the problem is how to raise the calf without the feed costing more than the value of the animal.

According to Prof. C. H. Eckles of the University of Missouri, a calf needs about two gallons of milk a day in order to make satisfactory growth. That would be 480 pounds a month or 2400 pounds for five months. At the low price of \$1 a hundredweight under normal conditions the cost would be \$4.80 a month or \$24 for the five months for the milk alone. Dairy men when considering these costs often have adopted the plan of buying cows as needed and raising no calves, but such a policy is certain to be dangerous, if not disastrous.

## The Dairyman's Problem

The dairyman's problem is to use the minimum amount of milk for the calf and to provide suitable substitutes of some kind for the additional feed required. Some dairymen feed fresh milk rather freely for two or three months in order to give the calf a good start, then lessen the amount of milk gradually and substitute something else, usually a grain mixture or some form of calf meal that supplies the nutrients needed. Two substitutes have been tried at the Pennsylvania Experiment station that have been found satisfactory. The most satisfactory combination consisted of 30 pounds of wheat, 25 of coconut meal, 20 of nutrium, 10 of oil meal, and 2 of dried blood. Another good substitute consisted of 13 pounds of corn, 20 pounds of nutrium, 1½ of flaxseed, 2 of dried blood, 30 of flour, 6 of coconut meal and 6 of oat chop. The nutrium used was a soluble skimmilk powder.

The substitute feed was mixed with warm water at the rate of 1 pound of the feed to 6 pounds of water and was fed from a bucket or calf feeder. However, the calves were permitted to run with their mothers from five to seven days and then the milk substitute gradually replaced the milk until at the end of 10 days when they were put entirely on the substitute feed. About 2 pounds a day of this mixture was fed the calves for the first five or six weeks. Then the amount was kept at 2½ pounds a day until weaning time. At the end of 100 days the substitute feeds were discontinued and the calves were put on a grain and hay ration. The Pennsylvania Experiment station raised 13 calves in this way that consumed an average of 121 pounds of milk and 186 pounds of substitute meal in 83 days.

When whey can be obtained it often is used and mixed with some feed to supply proteids. Many use oil meal for this purpose. With each gallon of sweet, warm whey there should be mixed about one-half pound of oil meal. This mixture is fed in the same way as skimmilk. The calf should be given its mother's milk for five or six weeks before changing it to the whey and oil meal.

## Commercial Calf Feeds

There are many very satisfactory commercial calf feeds on the market that give excellent results when used as substitutes for whole milk. They usually consist of a number of ingredients that supply the proteids required in concentrated form. When this is considered it will be found that they are more economical than many other feeds that might be used. At the Ontario Agricultural Experiment station it was found that calves fed calf meal as a substitute for milk in comparison with a ration of skimmilk did better on the latter ration. Another calf meal was compared with ground oats and bran as a supplement to skim-

milk, but the best results were obtained from grain feeding.

The New Jersey Experiment station also has made experiments with a number of calf meals. One of the most widely used was found to be a complex mixture of oil-cake meal, wheat middlings, cottonseed meal, carol beans, and fenugreek. The results reported from nine experiment stations show that this mixture contained the following food elements: Protein 25.2 per cent; fat, 4.9 per cent. In view of the rising costs of feed and the increasing value of milk calf meals give very satisfactory results, and should be more widely used as substitutes for milk. Their value as supplements to skimmilk cannot be questioned. This winter all kinds of mill feeds probably will be scarce and high. In fact it may be almost impossible to get them in any satisfactory quantities, while there will be no difficulty at all to get these commercial feeds or mixtures that are prepared and sold under proprietary names. A number of these feeds also can be fed to cows to good advantage. Such feeds back up the stimulating effect of grass with necessary nutrients for milk making and body maintenance. They not only increase the yield materially while the cow is on pasture, but keep her in full bodily vigor for maximum yield thru the dry season and thru the entire year.

If cows are to be persistent good milkers thruout the year they must be fed in summer in very much the same manner as in winter. This is especially true of those that yield heavily when on pasture. Experiments show that cows kept in better condition and because of added strength and vigor derived from these feeds they will produce more persistently. Also the good effects will carry over into the next lactation period causing a greater production than when no grain or prepared feeds containing it have been fed during the previous pasture season. In view of the present grain and feed situation I am quite sure that it will pay dairymen this winter to use prepared dairy feeds more extensively than ever before.

## Boys and Girls Have Traveled

(Continued from Page 14.)

Sterling, Belle Plains, Wellington, South Haven, Wichita, Arkansas City, Lookaba, Blackwell, Braman, and Dilworth.

We spent several hours in crossing Salt Lake. In it is an island on which they raise nothing but birds.

Howard Traylor.

Clovis, Calif.

## A Visit to Missouri

(Third Prize.)

One bright day in August, my uncle, my sister and I went to St. Joseph to a circus. We went to the circus grounds before the men had unloaded their animals. The elephants were trained to pull big wagons with their trunks. When the tents were unloaded they carried big poles and boards and put the tents up. Then the men got them ready for the parade. When the parade was over, the tents were opened and the show began.

We spent the night at the home of our relatives. The next day we went to Crub Park, taking our dinner with us. We visited the greenhouse and saw a great many beautiful flowers. Then we went to see the animals and to take pictures of them. Other things which we saw in the park were beautiful water lilies in a pond, and a large cannon with cannon-balls.

Just when we were preparing to start home, Uncle Charles said, "Let's go to Lake Contrari for the evening." So we spent the evening boat riding, riding on the merry-go-round, on the figure eight, the shoot the chutes, going thru an old mill, and attending a picture show.

A few days later we visited the water works. The water was pumped from the Missouri River and it was very muddy. Very large engines force it into the reservoirs where it is clarified and purified.

Muscatoh, Kan.

# The Blue Valley System

It Makes Better Butter  
It Sells for a Higher Price  
It Pays More for Cream

Free Cans  
for Trial  
Shipment

Very Special Offer  
to 1,000 Farmers

Perhaps you have never shipped your cream to a Blue Valley Creamery and therefore lost the extra profit we pay.

Or, perhaps you haven't any shipping cans—and that held you back.

If that is the case, we will send you one or two cans free, so that you can prove to yourself how much more money we pay for cream. There is a big difference—enough so that in a comparatively short time you can add another cow to your herd or buy a new separator out of the extra profits.

Over 150,000 farmers get these extra profits. So can you by selling your cream direct to us instead of paying a middleman to ship it for you.

Don't delay now when free cans will be sent you. Don't refuse to accept a larger check when we offer it to you.

Your cows are only of VALUE to you in proportion to the amount of money you get for your butter-fat. To take less than what we give is like cheating yourself—and the cows.

You can ship to a Blue Valley Creamery any time, from anywhere. Besides getting more money for your cream, there is the additional satisfaction of having your empty cans returned immediately and receiving your check by return mail.

Such service as this is only a part of the Blue Valley effort to please. Other benefits of equal importance is the help we give our customers in disposing of surplus dairy stock, selling for more profit or buying at greater advantage.

## INVESTIGATE

Don't postpone a profitable action. Write us at once. State size can wanted—5, 8 or 10-gallons. Or, ask for Free Bulletin. Address Dept. 13E Address our nearest creamery.

**BLUE VALLEY CREAMERY CO.**

(Originators of the Truly Co-operative Creamery System—Est. 18 Years)  
Chicago, Ill. Indianapolis, Ind. Columbus, Ohio Hastings, Neb.  
Clinton, Ill. Detroit, Mich. Sioux City, Ia. Parsons, Kan.  
Springfield, Ill. Grand Rapids, Mich. Cedar Rapids, Ia. St. Joseph, Mo.

## WE GUARANTEE

That our check in payment for each and every can of cream you send us will satisfy you. We guarantee the safe return of your empty cans. If, for any reason whatever, you are not satisfied, we expect to hear from you. We guarantee to satisfy you perfectly.

BLUE VALLEY CREAMERY CO.

## FOR FREE CANS

address our nearest creamery. Cans shipped prepaid. Use them for 30 days. Then, if you decide to continue selling us your cream, we will deduct factory cost price from your check or we keep the cans and the use of them will not cost you a cent. Address Dept. 13E, BLUE VALLEY CREAMERY CO.

Free

# Lily and Primrose

**N**EVER buy a cream separator in a hurry. Your reason for buying is not so much to get a cream separator, as to get all the cream from your milk, all the time. It takes time to pick that kind of a machine out of the many on the market.

Send to reputable firms for catalogues, and study them carefully. See which machine requires the fewest and simplest adjustments; which has the best oiling system; which is most sanitary and most easily cleaned; which is so well made that it will undoubtedly do good work for a long time. Go into details, and pick the best two or three of the lot.

Then ask for skimming demonstrations to determine how little cream is left in the skim milk. This is important, because the wrong machine can waste more cream than it is worth, while the right one will put money in your pocket every time you use it.

When you are through you will find that you have bought a Lily or a Primrose Cream Separator because the Lily and Primrose will prove to be first on all these counts. We will send catalogues on request, leaving the final decision to your judgment.

**International Harvester Company of America**

CHICAGO

(Incorporated)

U S A



Send for Catalog

**FARM WAGONS**

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

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



## 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.



## Rubber Footwear at the "Front"

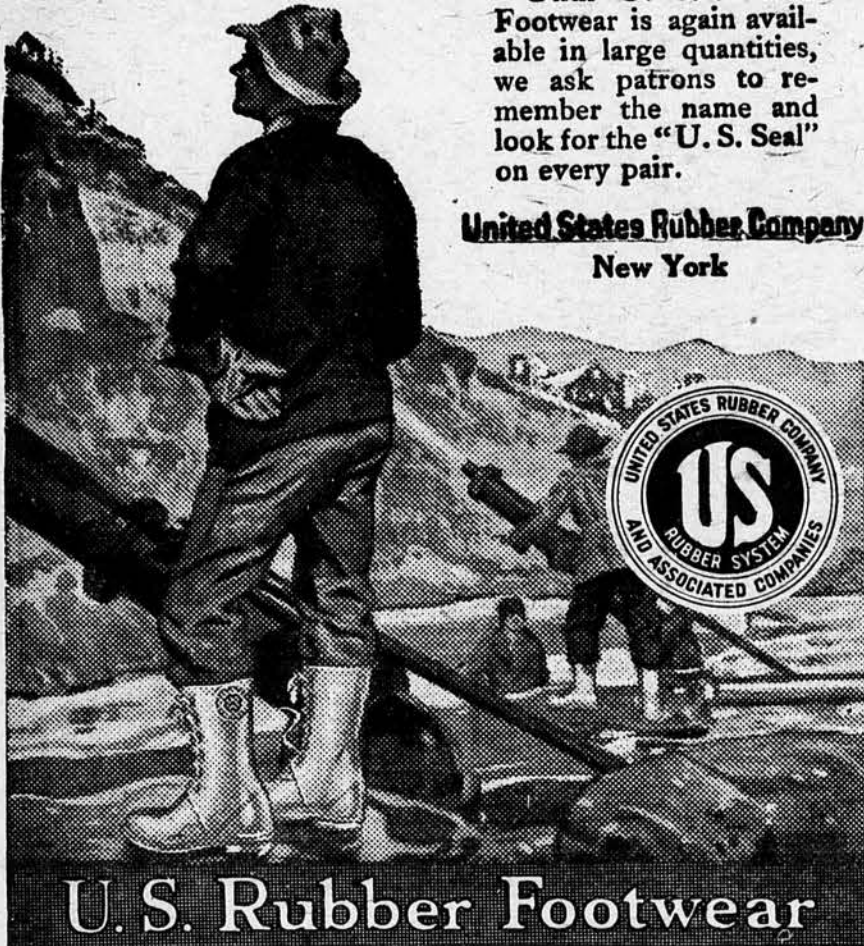
In the first line trenches, where the need is greatest, rubber footwear is helping to make life more livable for the doughboy.

Men in the trenches are being supplied before civilians at home. This means limited supplies for outdoor workers.

Our customers, we are confident, will cheerfully bear with this situation. We regret our inability at present to meet every demand for "U. S. Protected" footwear.

Until U. S. Rubber Footwear is again available in large quantities, we ask patrons to remember the name and look for the "U. S. Seal" on every pair.

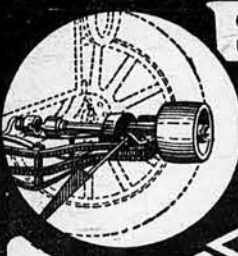
United States Rubber Company  
New York



**AMERICAN HOLLOW TILE SILOS**  
THE INDESTRUCTIBLE SILO  
With thousands sold, every one standing and in use today.  
**CATALOG FREE** Write today for lowest prices, also building blocks and Climax Ensilage Cutters. Address: **W. W. COATES CO.** 141 Trade Bldg. Kansas City, Mo.

**BE AN AUTO EXPERT**  
In six to eight weeks, we teach auto and tractor course by practical experience with tools.  
**BIG DEMAND FOR TRAINED MEN**  
Largest and best equipped auto and tractor school in the southwest. Write today for FREE booklet "The Way to a Better Job". It explains everything.  
**WICHITA AUTOMOBILE SCHOOL**  
181 N. Tenth Ave. Wichita, Kansas

## Use Your Ford For Farm Power



### BELT POWER ATTACHMENT

Your good FORD engine with this attachment gives you all the belt power you need on your farm to run your corn sheller, saw your wood, cut your ensilage, run your grinder, your pump, grindstone, etc.

"On or Off in 15 Seconds."

Attaches to your FORD crank shaft without use of bolts, nuts or screws. You can readily change your FORD from touring car to gas engine in a few seconds. Instant power that is portable any place on the farm that your FORD will go.

Save yourself seven-eighths the cost of a regular 8-horse power portable gas engine.

Order an ELMCO for your FORD.

There's an ELMCO distributor near you, who is ready to make immediate shipment. Send to us today for his name and get a Spark Plug Tester FREE.

**E. F. ELMBERG CO.** 26 Main St. Parkersburg, Iowa

### AUTO-FEED GRINDER

"Grind your feed with your FORD." With this belt-power attachment you get gas engine and grinder all in one. Fits on belt pulley shaft. Your FORD engine gives you ample power. No belt needed.

"On or Off in 15 Seconds."

This Auto-Feed Grinder is equipped with hard indestructible steel burrs, which are adjustable for grinding coarse or fine. Grinds 30 bushels per hour. Get this Auto-Feed Grinder to fit your belt power attachment. With a complete belt power attachment and auto-feed grinder you get 8-horse gas engine power and grinder service with good sized grinder and your FORD engine is big enough to run it.

**FREE-SPARK PLUG TESTER**  
If you own a FORD, send today and we will mail you one, together with pictures and full information about ELMCO Belt Power and Grinder attachment.

Sold under the same guarantee to do all we tell you it will do.



## Jayhawker's Farm Notes

BY HARLEY HATCH

**Wheat Needs More Rain.**  
Harvesting the Fall Crops.  
How Mulching Saves Moisture.  
Early Potatoes Best for Kansas.  
Harness Prices are Exorbitant.  
Yankees are Great Tinkers.  
Liberty Loan is Good Investment.

IT IS getting dry again down here in this corner of Jayhawker land. No rain has fallen for three weeks and altho the wheat ground is still in good condition, some rain and cooler weather would suit wheat growers much better than so much sunshine and dryness. I was out over our wheat this morning, October 7, and find the ground underneath moist, but while the wheat still is thrifty, we have not been having wheat weather. Stock water remains a problem. Hauling water is not a desirable cold weather job, so if you have any influence with the weather bureau just get it to send us something like 3 inches of rain inside of the next week. Aside from the dryness the weather is very agreeable, being pleasant by day and cool at night.

During the last week we have cut the kafir on this farm and dug the potatoes. Part of the kafir was fairly well seeded for such a year as 1918; from this seeded part we hope to get enough grain to give the chickens one feed a day for the next 10 months. The kafir which produced seed grew on the eastern end of the field on ground which in a very wet year is inclined to be a little "seepy," but in a dry year it produces better than the rest of the field.

The kafir which failed to produce seed cut very much harder than that which made grain. Because it made no head the binder could not get hold of it at the top, with the result that the bottom of the bundle was large and did not move out of the machine easily. For that matter, all the kafir seemed to cut harder than usual; the stalks seemed limber and did not offer resistance enough to the knife. We were glad when the 8-acre field was cut. We had on it 170 shocks of about 25 bundles each, which was about 50 more shocks than we expected.

The potatoes yielded but 50 per cent of what they did last year and we regarded that as a poor year for potatoes. From the 32 rows we dug almost exactly 32 bushels; last year the same rows made 2 bushels each and in the best potato years we have dug as many as 4 bushels to the row from the same patch. As usual the Eureka made the best yield, averaging 1½ bushels to the row, or 50 per cent better than the other varieties. Twenty of the rows were mulched with oat straw, while the rest were planted without mulching and were cultivated.

While the mulched potatoes yielded no more than those not mulched, they were of much better quality and will be kept until the last. The stand of the mulched potatoes was very poor, there being scarcely one-third enough plants growing. I lay this to the dry condition of the ground under the mulch. The soil was dry last spring when the mulch was applied but we supposed that it would soon be wet, but at no time was the ground under the straw well wet. When we moved the mulch this week we found most of it as bright as the day it was put on, showing that it had not been wet thru. I cannot recall ever seeing such a condition before.

As an experiment last spring we ordered potato seed of four different varieties from a Wisconsin grower, getting 1 peck each of Eureka, Irish Cobbler, Six Weeks and Early Ohio. All were planted under mulch. The Eureka made 2 bushels to the row, the Irish Cobbler 1½ bushels, the Six Weeks barely a bushel, and the Early Ohio a full bushel to the row. They grew side by side and had an equal chance. It proved to us what we have long thought we knew, that for this locality and soil Eureka is the best potato we can grow. There is but little use to try late varieties of po-

tatoes here. The home grown Eureka seed was planted without mulch and made a good stand and made 1½ bushels to the row of rather poor quality, not being protected from the intense heat by a mulch. We have no seed of any of the foregoing varieties for sale.

I put in a long half day this week tinkering and at the end of that time had apparently nothing to show for the work but these jobs had to be done or let some little things go to ruin. Part of the work was on harness; we really need a new set but will try to escape buying until after the war. A common work bridle which formerly cost \$2.50 now costs \$6 and I doubt if it is as good as the one of lesser cost. For this reason I remade a bridle which I think can be made to last two more years. Another job was to take apart and oil the clocks so that they will run when cold weather comes. So far I have had pretty good luck with such tinkering; if we lived near town, we should take them to a regular clock doctor, but to take them there and leave them and then go for them again would take longer than to do the job myself, so I have got into the habit of doing such things. From reading the foregoing, I expect you'll say, "I'll bet that fellow is a Yankee!" and you will not be far wrong.

I have often heard folks say, "Why is it that the Yankees are such tinkers and so handy at little jobs?" I think it likely because they were compelled to be, for in early New England it was either fix things yourself or let them go. The habit has been handed down to later generations and the race is noted for looking for short cuts and easy ways to do things. Which brings to my mind a story the late Senator Vest of Missouri used to tell. He said that after the Confederacy dissolved he was working his way back to Missouri from the South and was passing thru Arkansas on horseback. He came to a road which was blocked by a huge tree which had fallen across the road in such a way that all travel was stopped. Around it was gathered the whole neighborhood, vainly tugging and trying to move the trunk out of the road. Vest looked at them a moment and then said, "Why don't you cut the tree in two or three pieces and then you can roll it out of the way easily?" He said the gang glared at him for a moment and then made a break, howling, "Kill the d—d Yankee."

The people of Coffey county are trying to raise their share of the Fourth Liberty Loan. I see no reason why our quota cannot be raised for the banks of the county have, despite the failure of the corn, the largest deposits in their history. Not only is there money to be had, but I am convinced that most people now regard the loan as a good investment, even if it pays but 4¼ per cent. The recent great victories cause many to think that the days of bond issues will soon be over. If no more bonds are issued, I expect to see all the bonds go above par inside of a short time. The fact that they are non-taxable will make them desirable for residents of towns and cities where the tax rate is very high.

For the last two years we have been getting very high prices for all that our farms have produced to sell. If we have taken the money received for our produce and with it bought other commodities which are sold at an equally high rate, we are no better off than in the days of lower prices; in other words, we have been engaged in swapping dollars. But if we have taken what we have been able to save and have invested it in things which are not likely to lose value after the war we are, in effect, making \$1 do the work of \$2. If we can take the money received during the last two years and apply it to debts contracted before the war, we are doing, perhaps, even better than that. Of all forms of property likely to hold full value and even increase, I count government bonds in first place; after that comes farm mortgages and in most cases farm land.



# Stock Feeds are Scarce

Governor Capper Wants Wheat Kept in Kansas

BY SANDERS SOSLAND

WOULD you believe, if you were not a Kansan, that farmers of such a great food producing state are waiting vainly in line at flour mills for a sack of bran and shorts, after having exerted themselves in producing and harvesting a wheat crop of nearly 100 million bushels? Of course not. But that is exactly the plight in which Kansas farmers find themselves, altho it would not really be difficult to imagine such a situation in any state in which a crop of 92,874,000 bushels of wheat was harvested about three months ago. The situation is practically without precedent. The average farmer of any state would have laughed if such a situation were painted as a prospect at the eve of the wheat harvest the past summer. The average miller and feed dealer of Kansas also would have ridiculed any prediction of farmers pleading and waiting in vain for the by-products of the wheat berry.

## Shortage of Mill Feeds

Why, then, has the seemingly ridiculous and really harmful condition developed in the wheat and millfeed markets of Kansas? What may be done to right conditions and thereby enable farmers to realize the fruits of their exertions in producing a great wheat crop for Kansas?

It is time for farmers, stockmen, millers, grain dealers and state and national food control administrators to survey quickly the factors which led up to the extraordinary shortage of millfeeds now being witnessed and to adopt prompt and promising measures of relief.

As to the seriousness of the millfeed market within Kansas, no one need go far to find abundant evidence of the fact that immediate correction of existing evils is urgent.

George B. Ross, chief of the Kansas state grain inspection department, wheat grower and stock raiser of Kansas, estimates that production of hogs in Kansas would have been 25 per cent greater than figures today indicate, if the farmers and stock producers were in a position to obtain a sufficient quantity of bran and shorts. Furthermore, Mr. Ross estimates that dairy farming activities would have advanced greatly had the dairy interests been supplied with enough of the now precious mill offals.

"However," Mr. Ross declared, "Kansas farmers will be unable to effect the necessary increase in livestock food production this fall, for they cannot obtain mill bran and shorts with which to feed these animals. The situation as pertains to bran and shorts was never so serious as today. At many of the mills in the state farmers wait in long lines thruout the day for the 'busy miller' to supply them with even a small sack of bran or shorts. Were we to describe such a situation in a normal period, when Kansas raised a wheat crop of more than 100 million bushels, we immediately would be pronounced mentally unbalanced."

## Output Must be Enlarged

But something can be done to enlarge the output of millfeed and to insure a steadier supply for the farmers who produced the grain from which it is manufactured as a by-product of flour milling. And these remedial measures could be put into effect to the general advantage of the country without difficulty.

A glance at the abnormal state of affairs in wheat markets is first necessary to obtain an idea of what should be done. At Kansas City and at all other primary markets of the winter wheat territory, no wheat can arrive today without a permit from the Food Administrators of the government or their agents. A similar embargo exists against other cereals, but wheat shipments were first so checked at the outset of September. The reason for this embargo was and is still the great onrush of wheat to markets. The leading grain markets have had a veritable deluge of wheat moving toward them since harvest. The golden grain has moved to markets with such rapidity that there are now in Kansas City elevators alone

more than 13½ million bushels in storage, the largest stock in history for that winter wheat center. And at the so-called visible supply points of the country, which constitute the markets other than interior shipping stations, the wheat holdings now aggregate more than 90 million bushels, which is more than their elevators ever held at one time in American history.

No blame attaches to farmers for that huge accumulation of wheat, and for the consequent necessity of halting additional shipments from farming regions in order to avoid a more intensive clogging of wheat trade channels. The price fixed for wheat by the government gives the farmers no allowance whatever for holding the grain despite the obvious fact that it cost money to store it. So, without incentive to hold, farmers have unloaded as rapidly as possible. The United States Grain Corporation, the federal organization which is buying and which holds millions of bushels in order to keep the market at the fixed level of \$2.18 a bushel in Kansas City, with corresponding figures elsewhere, is paying 1 cent a bushel a month to many elevators for storing the wheat it now owns. And, more than three-fourths of the wheat in Kansas City elevators is owned by the government. Besides, the United States Grain Corporation has huge sums of money invested in the grain, which means an added interest charge. If some system of allowing for the cost of storage on farms, including shrinkage, elevator space, interest and deterioration, were adopted, farmers would have held more of the grain in Kansas, and elsewhere, thereby avoiding clogging of markets, and a harmful rush of the cereal. The money thus spent would have saved large elevator storage fees the government's grain corporation is now paying.

## Unfair to Kansas Mills

Besides that remedy, it is essential that measures be adopted to enlarge the exportation of flour and reduce the outgo of raw wheat from seaboard points to foreign consumers. There has been discrimination against flour in exporting. This has checked flour milling operations in Kansas, and resulted in a reduced production of bran and shorts.

Every barrel of flour exported means that 68 pounds of bran and shorts are produced for domestic consumption. When wheat is exported in the raw form, the millfeed goes with it and is never made available for American farmers. It is a patriotic duty to supply our warring allies with mill offals, but first, should not those who make possible that wheat supply be given offal from their golden grain? Mr. Hoover reports that herds abroad face a serious situation owing to the lack of feed. However, England and France produced great war-time wheat yields, which should supply considerable feed for the depleted herds of allied Europe. It is difficult to imagine, too, that a more serious feed situation prevails in Europe than in the United States.

By giving farmers here incentive to hold wheat and giving mills the opportunity to grind more of the grain, which they deserve, much would be accomplished toward improving the millfeed market situation.

## Immediate Action Needed

It is not too late to act. Kansas farmers still have much wheat. Kansas mills continue eager to grind more of the grain. To postpone action means danger of seeing Kansas so exhaust her wheat reserves as to force mills of the state to ship back from markets grain for grinding late in the present crop year. That would involve needless expense and waste of energy.

Already one step toward improving the millfeed market has been taken. The United States Food Administration now requires that buyers of millfeed sign the following pledge:

"In order to assist the Food Administration in the distribution of millfeeds, I hereby undertake on honor

(Continued on Page 19)

# Learn Auto and Tractor Business



REGARDLESS of your age or classification, or whether you are in the draft at all, the demand for men in the automobile and tractor business has opened opportunities never before known—out of the Army as well as in the Army. In civilian life thousands of high pay positions are calling for mechanics—thousands of new garages are needed.

Reduction in the building of new cars forces greater use of old cars that must be kept in repair.

## Increased Truck and Tractor Demand

Motor truck hauling to an enormous extent is now supplementing railroad hauling, and more trucks are being put in use every day. They are a war necessity. Tractor production has more than doubled. Thousands of tractor me-

chanics and operators needed at once and this great need for tractor men is daily increasing. Hundreds of thousands of motor mechanics have gone to the Army and more thousands are going. New mechanics must be had for essential employment at high pay.

Learn Here in 6 to 8 Weeks  
Earn \$100 to \$400 a Month

Easy to learn by the Rahe Practical Method. Daily work on real Autos, Motor Trucks, Tractors, Power Farming Machinery and Gas Engines of all kinds. Acres of floor space, enormous equipment and numerous Master Mechanic Instructors make sure you will get what you came for, whether training for the Army or civilian expert. No books used. No tools or "extras" to buy. Plenty of opportunity to earn part living expenses while learning.

## If in the Draft Prepare Here

The Rahe Training Certificate has enabled hundreds and hundreds of men to pass into the Motor Transport Division of the Army for service behind the lines, and at the higher pay provided for this service. Unused tuition refunded if you are called while in school. Don't fail to learn all about this.

## Special Tuition Rate Now!

Every ambitious man of mechanical inclination, 16 years or over, now has a ready chance to get into high pay, interesting and agreeable employment. Write immediately for Free Book and 7-Day Trial offer containing full particulars.

## Rahe Auto and Tractor School

(Oldest and Greatest in the World)

2616 Oak Street  
Kansas City, - - - - - Missouri



Mail this Coupon today, giving age and occupation, for 7-Day Trial Offer. Big Illustrated Catalog and Opportunity Book

FREE

Name.....

Address.....

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



A Great Institution of Business Training

Helping Win the War

by training thousands of young men and women for positions of responsibility and high salaries.

Never was there greater opportunity in the business world for TRAINED help than RIGHT NOW, and the demand upon the Pittsburg Business College for graduates for civil service positions in Washington as well as for desirable openings in the commercial world cannot be supplied.

## Our Own \$100,000 Building

is the largest and most modern in the country. Has 54,000 sq. ft. floor space with accommodations

Attend This Kansas School. Enter Any Time. Write for FREE Catalog. PITTSBURG BUSINESS COLLEGE, PITTSBURG, KAN. (Established 24 years)

for more than 1500 students. This mammoth, beautiful building contains every facility obtainable for business training; has large gymnasium, swimming pool, rest and study rooms, library, "first aid" ward, eating house, dormitories, and other welfare elements.

## Individual Instruction

Students are given every attention to early graduation to fill waiting positions. Thousands of graduates now holding fine positions. Shortest courses to thoro business training.

## Cash for Bags



Don't throw away your empty feed bags. Ship to us—we'll pay highest market prices. Shipping tags sent FREE on request.

BEMIS BRO. BAG CO.  
Dept. A, Kansas City, Mo.

## 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.

## MOTORIST AGENTS WANTED

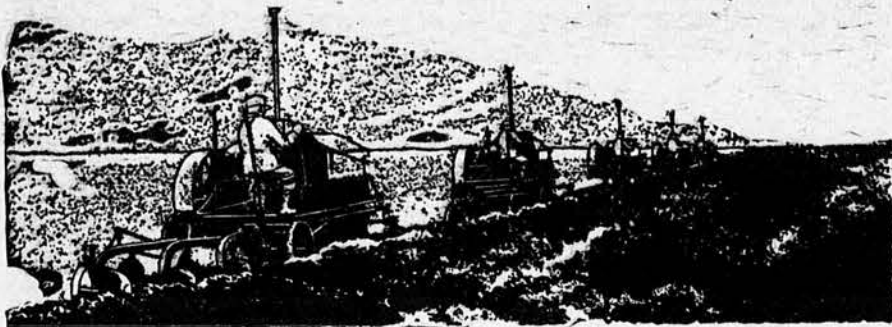
Everywhere to sell High-Grade 6000-Mile Tires Direct from Factory. All new stock. (No seconds.) All sizes, non-skid and plain

GUARANTEED 6000 MILES

Delivered Free on approval. We want one person in each locality to whom we can refer new customers. Write today for our agent's plan of selling these Tires and our Puncture Proof Tubes. Give size of tires. LIBERTY TUBE & TIRE CO. 850 Grand Ave. Kansas City, Mo.

Invest in Liberty Bonds Now





## K-W High Tension Magnetos are Protected Against Powder Fine Dust-Oil and Water

IN many localities tractor manufacturers find it necessary to equip their tractors with "periscope" air intakes which reach up above the cloud of fine dust. But the Magneto must be mounted on the engine and give satisfactory service under these same conditions. This is one feature that has made the K-W Magnetos the standard on tractor work.

These tractor manufacturers don't worry about dust getting into a K-W Magneto. They know its working parts are protected against even the finest Alkaline dust, and oil and water can't reach its internal parts and give trouble.

The protection of all working parts is only one feature of K-W Magnetos. K-W users get quick and easy starting without troublesome batteries or coils; more power out of the same fuel, and continuous, reliable, no-trouble ignition.

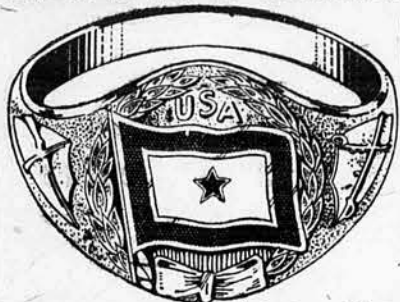
If you are not using K-W Ignition now, write us and let us show you how a K-W Magneto will cut your fuel bills and free you from ignition troubles, regardless of the weather or working conditions.

Insist that your new tractor be K-W equipped. Forty tractor manufacturers pay more for K-W Magnetos because of K-W superiority. Write for list of K-W equipped tractors.



2871 CHESTER AVE. **THE K-W IGNITION CO.** CLEVELAND, OHIO, U.S.A.

## SERVICE RING



Brand new, just out. Positively the most beautiful and appropriate finger ring of the day. Made of Genuine Sterling Silver—Guaranteed. Shield in actual colors, Red, White and Blue. Suitable for either man, woman, girl or boy.

### Send No Money—Just Your Name

If you have a friend or relative in the U. S. service, I want you to have one FREE. Just a little easy work which you can do in less than an hour. Be first to get one. Write today—quick—they are going fast—a post card will do—send correct size. Service Ring Club, Dept. 87, Topeka, Kan.



## Raise Your Calves on Brooks Best Calf Meal and Sell the Milk

One pound of Brooks Best Calf Meal when mixed with warm water or skim milk is equal to a gallon of cows whole milk, and costs much less. If you are feeding calves whole milk you are losing money, and losing it fast. You can start feeding it after calf is a week old. It is easy to feed and easy to prepare.

Thousands are using Brooks Best calf meal with great success. The 100 pound sacks are \$5.00 or 500 pounds \$23.75. Ask your Dealer. If he can't supply you, we will ship direct on receipt of your remittance. We send free directions and guarantee it.

**BROOKS WHOLESALE CO.** Ft. Scott, Kans., Dept.

## \$500.00 IN GOLD GIVEN

### How Many Words Can You Make

This puzzle is a sure prize winner—absolutely everyone in this club wins a prize. It is not hard, either—just a little ingenuity and skill. The puzzle is to get as many words as possible out of the letters herewith given. Use only the letters given and only as many times as they appear in this ad. For instance, the letter Y appears three times, so in all your words you must not use Y more than three times. If you use Y twice in one word and once in another, you cannot use Y in any other word, as you have already used it as many times as it appears in this advertisement. It is not necessary that you use up all the letters. The puzzle looks easy and simple, but if you can make as many as twelve words, send in your list TODAY, as the person winning first prize may not have more than that many words.

### OUR OFFER

We are the largest magazine publishers in the west and are conducting this big "EVERYBODY WINS" word building and prize contest in connection with our big introductory and advertising campaign and want to send you sample copies and full particulars as to how you can become a member of this club and share in the \$500.00 in gold and the other valuable premiums. We give 100 votes in the club for each word you make. To the person having the most votes at the close of the club we will give \$500.00 in gold; to the second highest \$100.00 in gold; to the third highest \$50.00 in gold; to the fourth highest \$25.00 in gold; to the fifth highest \$15.00 in gold; to the sixth highest \$10.00 in gold. In addition to these prizes, we are going to give away thousands of other valuable premiums of all kinds, too numerous to mention in this advertisement. NOTICE: EVERY NEW CLUB MEMBER THIS MONTH ALSO RECEIVES A BEAUTIFUL GENUINE GOLD FILLED SIGNET RING, GUARANTEED FOR 5 YEARS FREE AND POSTPAID JUST FOR PROMPTNESS. Anyone may enter the club and bear in mind there is ABSOLUTELY NO CHANCE TO LOSE. POSITIVELY EVERY CLUB MEMBER WINS. If there should be a tie between two or more contestants for any of the prizes, each tying contestant will receive the prize tied for. Get your share of this \$500.00. Send your list of words TODAY.

A. J. KELLY, MGR., 500 CAPITAL BUILDING, TOPEKA, KANSAS

A N O E O Y R S  
T F L M I M R A  
O O A I N M T O  
M O F I A E B L  
Y A P B I N O H  
G N O S A A O T  
T A A C R B O Y  
A R M N A N T W

## Waterloo Dairy Congress

### Kansas Holstein Bull Captures Three Blue Ribbons

BY F. W. BECKMAN

KANSAS had only one lone entry in the ninth annual Dairy Cattle Congress at Waterloo, Ia., but that one entry did Kansas proud. It was the Holstein-Friesian bull, Johanna Bonheur Champion 2nd, owned by Chestnut Bros. of Denison. He captured the blue ribbon in his class of bulls 4 years old or over, then the senior championship of his breed at the show and finally the grand championship. He won against several very good bulls, because of his size and vigor and his marked individuality. He was champion of both the Kansas State Fair and the Kansas Free Fair this year.

The Southwest had one other special interest in this show, thru the Jersey cattle exhibit from the Ed C. Lasater ranch at Falfurrias, Texas. Some 25 choice animals from this breeding establishment were in the entry list and they carried away half a dozen firsts, and 11 seconds, thirds and fourths, besides a grand championship won by Willow's Brightness, an outstanding cow, both from the standpoint of the showing and from performance in milk and butterfat production.

### War Affects Dairying

This War time dairy show bore the marks of War time, especially in the point of entries. They were considerably smaller than usual. "We breeders can't make the shows this year," said the manager of the big Iowa Farms, Holstein-Friesian breeders. "It is all we can do to keep help enough to take care of the farms and fitting animals for the judging ring is next to impossible with many of us. Consequently we are not showing anywhere this year." That was the general complaint and the total number of entries of five breeds numbered only 354, as compared with a couple of hundred more in other years.

The Holstein-Friesian, usually at the head of the entry list as far as numbers are concerned, was at the foot, with only 45. The Guernsey exhibit was largest, with 97 head, then came the Jerseys, Ayrshires and Brown Swiss in close order. Thirty-one different breeding establishments, from 10 different states, were in the entry lists, 14 of them from Iowa.

Something of war-time conditions in the dairy breeding industry were reflected in a special sale of 45 Ayrshires on the third day of the show. They came from some of the best breeding establishments of this country, Canada and Scotland, and many of the cows were bred to high quality bulls. Yet they sold for ridiculously low prices in most instances, some sold as low as \$105. The average for the sale, including one record price paid for a choice bull, \$3,500, was only a little more than \$300; without the high-priced bull, the average dropped to about \$260.

"Dairymen are conservative about buying right now," said one of the consignors, L. W. Renne of Ohio. "They are not expanding their business because of the unjustified feeling that the future is a little bit uncertain, and then besides, they cannot expand because they cannot get labor."

But when one of the choicest Ayrshire bulls in this country was put up for sale, Bargenoch Gay Cavalier's Rising Star, consigned by Cloverdale Farms, Wisconsin, there was keen rivalry to get possession of him. He was sold at \$3,500, which is a new record for a public sale price for an Ayrshire bull. This animal is an excellent individual, 6 years old, with a long list of championships to his credit.

### Financial Sensation's Record Price

Another event of the show reflected that sort of confidence in even a bigger way—the announcement that at private sale a half interest in an Iowa bred Jersey bull had been sold for \$30,000. The Greystone Jersey Farm, West Chester, Pa., of which P. M. Sharples of the Sharples Separator company is chief owner, was the purchaser. The animal is a yearling bull, Financial Sensation, and carries the blood of Finance, Interest, Financial King and Financial Countess.

He was bred by the Waterloo Jersey Farm under the direction of Hugh Van Pelt. His ancestors have been line-bred for many generations; he himself is inbred to fix the good qualities and type of his line-bred ancestors. This sale at this price—\$30,000 for a half interest—sets a new high mark for the Jersey breed. At the same time 20 females, intensely bred representatives of the Finance-Interest families, were sold to the Greystone Farm for \$20,000, making the total sale the largest private sale in the history of the Jerseys.

"This transaction is considered good business by Mr. Sharples," said Dale E. Andrews, who represented him in the deal and who is a part owner of Greystone Jersey Farm. "He has every confidence in the future of dairying and this investment was merely an expression of that confidence."

The Brown Swiss show was one of the features of the congress, for the leaders of this breed brought together a good lot of animals. However, only three breed establishments were represented in the list of 61 entries, and the contest for blue ribbons was mainly between L. S. Marshall & Sons of Leslie, Mich., and Hull Bros. of Painesville, Ohio, with the Marshalls capturing 13 firsts out of 17, and one grand championship; the remaining firsts and the grand champion cow went to Hull Bros. The contest for grand champion bull came between the junior champion bull, Edgar L., a yearling owned by the Marshalls, and the senior champion, Vogel's College Boy, owned by Hull Bros. That put rather a difficult problem before the judge, but he put the grand championship ribbon on the youngster. The grand champion and senior champion cow was Swiss Valley Girl 7th, owned by Hull Bros.; junior champion heifer under 2 years, Mollie 2nd, Marshall & Sons. The grand champion cow with milk and butterfat record was Brownie F., Marshall & Sons, with an official yearly record of 17,400 pounds of milk and 602 pounds of butterfat. The herd prizes all went to the Marshalls with the exception of one.

Five prominent herds supplied the 63 entries for the Ayrshire division and their selections were animals of fine type and quality. The grand championship bull chosen by the judge was Cavalier's Lord Roseberry, a 4-year-old owned by Adam Seitz, Waukesha, Wis. This animal was also senior champion and is of Bargenoch Gay Cavalier breeding, with Beauchamp Dorothy as his dam. The junior champion bull was another Seitz bull, Cavalier's Netherall Chancellor, a yearling. The senior champion and grand champion cow was Bargenoch Silver Pet, a 6-year-old from the Seitz herd. The junior champion heifer was Cloverdale Fashion Plate from the Van Bita herd, Lima Center, Wis. The Seitz herd captured a large majority of the firsts, both in the individual classes and in the herd classes. The \$3,500 Hunter bull, sold at a record auction price, was not entered in competition.

### Kansas Bull Best Holstein

The Holstein-Friesian show was somewhat disappointing in numbers, many of the big nearby herds being wholly unrepresented. The senior and grand champion bull picked by the judge was the Kansas bull, Johanna Bonheur Champion 2nd. The junior champion bull was a fine youngster, under 6 months, Ondine Homestead Posie, from the Mayowood Farm at Rochester, Minn. The senior and grand champion cow was Ahmeda Luecke Hengerveld, a 7-year-old, owned by Cass Farm company, Samner, Iowa. The junior champion heifer, Sadie Fobes Homestead, also from the Cass Farm, a choice young animal a month under a year old. She won out against the most active competition of the Holstein division. Herd championships were quite evenly divided between the Cass Farm and Mayowood Farm.

The competition in the Jersey division settled down mainly to a contest between the Lasater herd and the

(Continued on Page 21)



# Irrigation Reclaims the West

## Fifteen States Have 16 Million Acres for Farming

BY F. D. FARRELL  
Director Kansas Experiment Station

**I**RRIGATION farming is one of the world's oldest institutions, but our experience with it in the United States only covers a period of 71 years. The total area of irrigated crops produced yearly in the Western United States is perhaps 16 million acres, divided into possibly 250,000 farms, which are located in 15 Western states. These farms represent a great variety of natural and social conditions. They are distributed from the Canadian border to the Gulf of California. In altitude they range from 200 feet below sea level to 9,000 feet above. These differences in latitude and altitude accompany great variation in climatic conditions. There is also a great variety of soils. The population of the irrigated region is, perhaps, the most cosmopolitan agricultural population in the world. Yet, despite this diversity, there have emerged from irrigation experience many fundamental truths which apply to all sections, with little or no modification.

Irrigation farming is essentially different from the kind of farming with which most Americans are familiar. The necessary capital investment is usually somewhat higher, and the requirements of social organization are more complex.

### Opportunities in Kansas

Much of the irrigation in Western Kansas makes use of underground water. This method has some important advantages over ordinary methods. In the irrigated region the transmission losses of water thru seepage from canals range from 20 per cent to as high as 50 per cent; that is, this large amount of water fails to reach the land it is intended to supply. This difficulty can be overcome only by expensive canal construction. The absence of this necessity is one of the outstanding advantages of getting water from underground, at or near the point of use. On the other hand, where the water supply is underground, pumping plants must be maintained. These often are expensive and their successful operation requires special skill. Also, it is important in connection with irrigation by pumping, to recognize that the underground water supply is limited. Costly experience in certain sections of the United States, notably New Mexico and California, and also in Australia, has proved that underground water supplies may be exhausted thru increasing excessively the number of water users at the surface.

The expense involved in obtaining and safeguarding a water supply, in transmitting the water to the land to be irrigated, and in preparing the land itself for irrigation, makes necessary a high capital investment. Almost without exception, the estimates of the costs of irrigation projects have been too low. The actual cost has been from 20 per cent to as much as 300 per cent more than the estimated cost. This high necessary capital investment makes it imperative that the irrigation farmer be relatively efficient if he is to profit by his enterprise. This is another important lesson from Western irrigation development. The land must be so handled that it does its best.

### How to Be Efficient

A very common mistake made by new irrigation farmers is to believe that irrigation—the act of artificially applying water to land—is a panacea. While it is true that a field crop given sufficient soil moisture is very likely to do well, it is equally true that irrigation is in no sense a safe substitute for fertilization or cultivation. Proceeding on the belief that irrigation is somewhat of a cure-all, new irrigation farmers usually waste large quantities of water thru excessive irrigation. This waste is uneconomical in itself and frequently results in serious detriment to the land, as it contributes to the development of seepage and the rise of alkali salts in the soil.

If an irrigation farmer is to be efficient, as he must be to make a profit upon his investment, he must follow a

different kind of agriculture from that which is followed in unirrigated regions. A wheat farmer from the Mississippi Valley cannot reasonably hope to succeed in the irrigated region if he specializes in the production of wheat. The irrigation farmer cannot compete with the rain belt farmer at the latter's own game, because his financial handicap is too great. Successful irrigation development requires a diversity of agricultural industries, both by individual farmers and by irrigation communities. Diversity is necessary to meet the requirements of crop rotation and soil fertility, to distribute labor, and to take advantage of market conditions. These facts apply also in rain belt farming, but they apply with greater force in irrigation because of the greater expense of farming operations. It is not safe for an irrigation farmer to specialize exclusively in one crop even where that crop uniformly does well. This has been proved repeatedly and with results little less than tragic by over-specialized fruit growers in the irrigated country.

Some of the most important obstacles to be overcome in irrigation development are those relating to the human problems because the require-

ments of social organization are complex. An irrigation farmer cannot exercise as much individualism as a rain belt farmer.

Usually he must share with his neighbors the ownership and control of his water supply. This requires community co-operation. We also must not forget that irrigated farms are small. Usually large irrigation farms have not been successful. The farms being small, the output of a commodity from an individual farm is small and is not readily marketable by itself, particularly at long distances. This makes it necessary for irrigation farmers to pool their products for community marketing. Because of this necessity some of our most conspicuous successes in agricultural co-operation are in the irrigated country. A notable example is that of the citrus growers in California, who have developed agricultural co-operation to a high degree.

When and where all difficulties are successfully met, irrigation agriculture offers many attractive opportunities. One of the most important is that it makes it possible for a relatively large number of people to make a living in a relatively small area, thus permitting desirable social intercourse and educational development. Irrigation agriculture is not to be regarded as something thru which people will become wealthy. Rather, it is a kind of agriculture which affords excellent opportunities for building homes and developing good citizens, and it supplies sufficient material prosperity to make this possible.

### Stock Feeds are Scarce

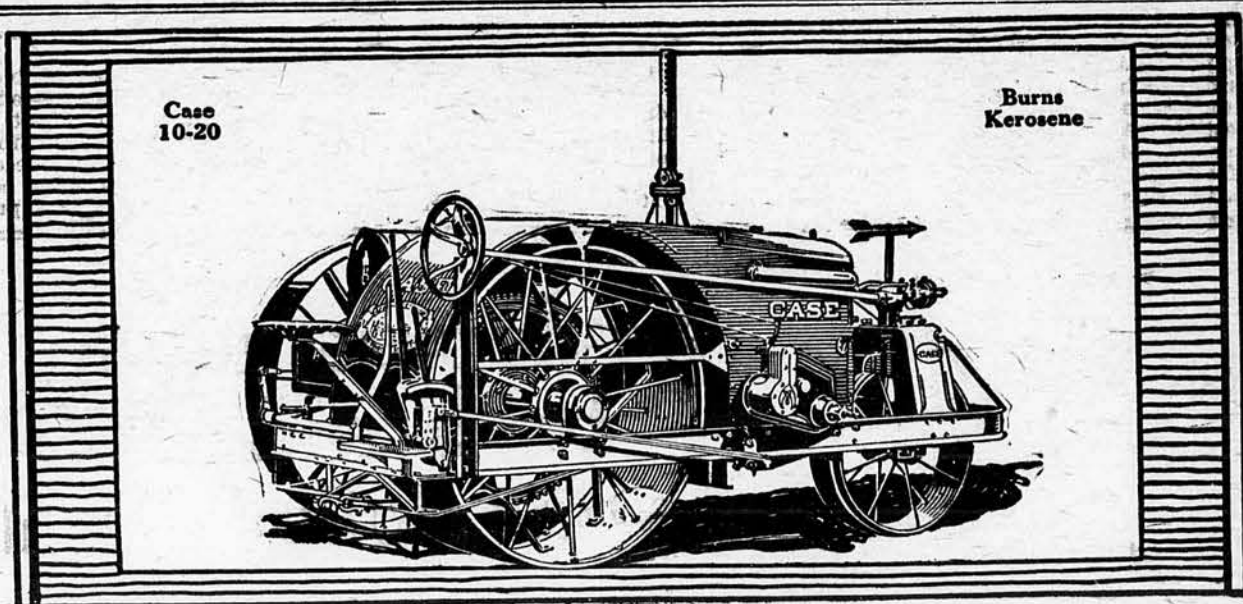
(Continued from Page 17.)

not to use wheat millfeeds for any other purpose than the feeding of dairy cattle, poultry, young pigs or young calves, or the preparation of a weekly bran mash for work animals. I will not feed any more wheat millfeeds than is customarily fed to such animals, and I further agree not to have at any one time more than a 60-day supply of wheat feeds on hand."

At the urgent request of Governor Arthur Capper and Secretary J. C. Mohler of Kansas an exception to this rule was granted in the case of Kansas, Oklahoma, Texas and other drouth-stricken regions.

It also was ordered that distributors of millfeed should be required to insure that each state receive the same proportion of millfeed as a year ago.

Bran and shorts now sell at what is recognized as an artificially low level. The Food Administration limits bran prices in Kansas City to about \$27 and shorts to \$29 a ton, in sacks. These figures make bran and shorts unusually attractive, and enlarge the demand. If the government really wants farmers to have more bran and shorts at these comparatively cheap prices, it should, thru its control of the export business and thru its Grain Corporation and Food Administration, now adopt the measures which would encourage farmers to market their wheat without the use of an embargo more steadily and keep mills in the wheat regions of Kansas busier grinding the golden grain.



## Ready for Immediate Delivery

**T**O supply a limited number of hurry-up calls for tractors to put to work at once, we offer this Case 10-20.

We do not know how long our supply will last, but those we have will be distributed as fast as transportation facilities can bring them.

Thus you are able, if you act at once, to obtain a well-known, tried machine, of which there are thousands in daily use all over the country.

We have built this 10-20 since 1914 and farmers everywhere attest to its economy and dependability.

This 10-20 has plenty of reserve power. Its rated pull of 1,650 pounds on the drawbar can be increased to 2,600 pounds. It pulls three plows anywhere a good team can pull one plow continuously.

Its design and hitch is such that all side draft

—so common in most 3-plow tractors—is avoided. All wheels run on unplowed ground—the combined tire width is 32 inches.

It has a 4-cylinder Case motor, with removable head. It is equipped with a Case-Sylphon Thermostat which insures complete combustion of kerosene at all loads. And it has a Case air washer, which prevents dust and grit from entering the cylinders.

Examination of this 10-20 will disclose its splendid design and workmanship. As you go over its specifications and illustrated description you are certain to agree with the thousands of owners that this tractor is 100 per cent efficient.

Write for our catalog. Or obtain it from a Case Dealer.

And if you are interested in the immediate delivery of this Case 10-20, place your order at once, so as to avoid disappointment.

**J. I. Case Threshing Machine Company, Inc., 1383 Erie St., Racine, Wis., U. S. A.**

Founded 1842

(808)





# Over the Top in Membership

Replies from Capper Girls Point to Big Profits

BY BERTHA G. SCHMIDT, Secretary

**L**ET'S GO over the top, girls, what do you say? Over the top with membership in the Capper Poultry club in 1919.

And let's go over the top in the sale of chickens. Then you'll have more money to help Uncle Sam carry on his work across the seas. If you could have looked over the postcards as they came in telling the number of chickens poultry club girls will have for sale, I know you would be as delighted as I to hear of the excellent success club members have had with their chickens.

"My chickens surely are doing fine," Ruth Wheeler of Coffey county said in the letter which accompanied her card. "I have 100 of them, 50 pullets and 50 cockerels. Isn't that queer that they are equally divided, but it's the gospel truth; we counted and re-counted."

Capper Poultry club catalogs will be ready to send out to the prospective purchasers soon and will be advertised in the Farmers Mail and Breeze. The names of the breed club secretaries will be given in the advertisement and then the work of all of you secretaries who have been asking me for so many weeks what you must do, will begin. Those who wish to purchase chickens will write to the secretary of the club representing the breed of chickens in which they are interested and the secretary will send the inquirers catalogs. And then girls having purebreds for sale will receive letters of inquiry and it will be each girl's duty to answer these letters in the most businesslike way possible, describing her chickens, and stating the price for which she will sell them. Of course, all of you will use your breed

club stationery to answer these letters and of course each of you will give the best stock possible for the money because you wish to help maintain the excellent standing which the Capper Poultry club has with farm folks in Kansas. With each year's growth the value of the club to its members and to those who wish to invest in purebred stock is increasing.

Speaking of the new club, I must tell you more of what this year's folks



Douglas County Girls

are writing me. "Mamma and I are working for the new club," Ruth Banks of Atchison county said. Vera Brown, who is an associate member in Jackson county, is organizing her girl friends for the contest which begins in January, 1919, and Myrtle Bell Lott of Russell county is doing the same thing. Myrtle Bell and her friends are already holding meetings.

Reports of monthly meetings, telling all about your programs and the fun you have are always most acceptable to the secretary, even if they can't be printed in full. While meetings are not compulsory during the rest of the year, holding them displays just as much pep as heretofore and if you wish your county to hold its standing, you should continue to meet in

monthly session. Johnson, Atchison and Crawford counties haven't lost a bit of their pep. Crawford county girls held their last meeting with Clara Armstrong and had the usual fine program, followed by a dainty lunch. This was their second meeting in September. During the first part of the month they met with Anna Painter. In Atchison county the club folks met with Julia Smith Eckert. Rain overtook them on the way but this didn't detract from the good time they had after arriving. Capper Pig club boys and Poultry club girls in McPherson county held another joint meeting, this one being at Central Park in McPherson.

Ollie Osborn, leader of the Johnson county club, at the October meeting will urge the other members of her club to read all the poultry bulletins they can obtain. Every girl who is interested in chickens should do this. It will be a good plan for each of you in making out your annual reports in December to tell me how many of the government and state bulletins about poultry you have read. That's another way of showing pep.

Gwendolyn White, leader of the Shawnee county club, won second prize on two Single Comb White Leghorn pullets and a cockerel at the Topeka Free Fair. "I surely do love that ribbon," Gwendolyn wrote. "My chickens are white and pretty. They look like drifts of snow when they are together."

Here's some news of interest to the Leghorn Breed club. Mrs. T. M. Etherington of Hamilton, Greenwood county—Ethelyn's mother—offers a trio of Single Comb Brown Leghorns to the girl raising this variety of chickens, who makes the best record. Isn't that fine? Mrs. Etherington also contributed to the club last year with a prize offer.

And now I must tell you about the success Daisy Wellmer of Brown county has had. Daisy won second prize on White Plymouth Rock hens at the Brown county fair; first prize



Dorothy Gibson of Neosho County

on a pen of young chickens; first on cockerel; first on pullet; second on pen, and third on pen.

## Lillian Milburn's Story

Lillian Milburn of Douglas county won sixth place in the Capper Poultry club contest which closed in May. She is the fifth girl in the group picture. The other girls are Margaret Schopper, Gertie Deay, Thelma Deay, Gertrude Brazil, reading from left to right. Here is Lillian's interesting contest story:

"In February, 1917, when the good old Mail and Breeze announced that our beloved Governor Capper was going to give the girls of Kansas a chance to earn money of their own just as he did the boys, I filled out the blank in the paper and returned it the very same day. It seemed an age before I was notified I was a member of the Capper Poultry club."

"I chose Barred Plymouth Rocks for my contest chicks. I raised 17 of the 20 chicks I started with. I fed them corn chop, table scraps and milk until they were 4 months old. Then they were fed with the farm flock, their feed being corn and oats and what they found on free range. They grew to be fine beautiful birds."

"In October I entered a trio of my birds at the Vinland Grange Fair and was awarded first prize on spring-hatched Barred Rocks. My chickens began to lay in December. At penning season I penned eight pullets and a cockerel, buying the cockerel from a poultry man in Missouri who said he hatched it from a prize winning trapped hen with a record of 260 eggs a year. I gathered 67 eggs in February. I fed the same feed but more table scraps and bran with corn and oats. In March I gathered 156 eggs. In April I fed corn and some oats, table scraps and green alfalfa, and I kept grit in the pen all the time. One of my hens began to sit at this time. I gathered 112 eggs in April. I fed table scraps, green alfalfa, corn and some oats and bran mixed. In May three more hens began to sit and I gathered only 56 eggs. The total number of eggs gathered in the four months was 391."

## Shoe Prices Are Fixed

The American people soon will be able to purchase shoes at fixed maximum and minimum retail prices, lower than those now prevailing, and obtain at the same time shoes of better quality. This announcement is made by the War Industries Board based on an agreement it has entered into with the shoe industry.

Under the agreement shoes will be standardized as to quality and style at prices ranging from \$3 to \$12 for men and women, grouped as follows: Class A, from \$9 to \$12; class B, \$6 to \$8.50, and class C, \$3 to \$5.50. Proportionate prices for youths' and children's shoes have been fixed in each of the three classes.



# Styleplus make both sides of your dollar count

Good resolutions for every man to make in these war times are:

"I will buy only the clothes that I need."

"I will pay the price that brings genuine quality—and not one cent more."

Every dollar you spend should count. Count for you and country.

You will be stylish and thrifty both if you buy Styleplus Clothes.

You get reliable quality and style at a nationally known price—a sensible, medium price.

By making only a few standard grades in big volume we reduce costs and produce clothing values justly famous with well dressed and economical men.

Correct style. Careful tailoring. Finished workmanship. Faithful wear. Known price.

The best place to buy clothes is at a store, where you can see the different styles, make your selection and get a good fit.

You buy with both eyes open at the Styleplus Store!

Two grades in Styleplus suits: \$25 and \$30.

Three grades in Styleplus overcoats: \$25, \$30 and \$35.

Sold by one leading clothing merchant in most cities and towns. Write us (Dept. E) for Styleplus booklet and name of local dealer.

HENRY SONNEBORN & CO., INC. Founded 1849 Baltimore, Md.

Trade Mark Registered



**Styleplus Clothes**  
\$25-\$30-\$35

Each grade one price the nation over

America's only known-priced clothes



### A Chicken Chautauqua

Announcement is made by Dean Edward C. Johnson of the Kansas State Agricultural college that a strenuous campaign for increased poultry production will be conducted in all of the principal towns and centers of the state.

During the past week a regular chicken chautauqua was held in Topeka by John L. Prehn, poultry husbandman of the Kansas State Agricultural college and A. C. Hartenbower, principal of the college extension short courses. It was a real chicken feast—but the feast was only an intellectual one—the other part is to come later. The object of the campaign and the series of meetings that were held was to encourage the raising of chickens in the backyards of Topeka homes, in order to release eggs and poultry from the farms for the city markets and city consumers that could be shipped to the boys in France.

The first step in the drive was the placing of instructive displays in the store windows of several big business houses. The campaign also included evening meetings with practical addresses and moving picture films giving instruction on poultry care.

The principal purposes of the campaign were: To help reduce the cost of living, to show how waste material from the table may be converted into wholesome food by being fed to chickens; to induce a greater consumption of eggs that meat may be released for the soldiers; to create an interest in poultry raising and to prove the advantages of pure stock over mongrel stock, and to aid in food production to help win the war.

### Missouri State Poultry Show

Arrangements are progressing at the Auditorium, St. Joseph, Mo., December 3 to 7, 1918, very satisfactorily, for the coming twenty-sixth annual Missouri State Poultry show. The reduction of entry fees for single specimens from \$1 to 50 cents, and for pens from \$3 to \$2, should bring out the heaviest entry for years.

Owing to the increased interest and demand for pet stock, particularly rabbits, the state poultry board has decided to make this department one of the special features of the 1918 exhibition, and there will also be a pigeon department. Uniform free cooping, the very best treatment of birds, names placed on coops as soon as birds are cooped, unusual cash prizes, besides liberal special prizes, should make the state show the outstanding show in its history. Apply for premium list to Fred Crosby, assistant secretary, Mountain Grove, Mo.

### November Poultry Shows

A number of interesting poultry shows are to be held soon. The following list of show dates have been reported:

November 20-24—Madison County Poultry association, Collinsville, Ill., A. P. A. show, D. T. Helmlich, judge; Walter Smith, secretary.  
November 20-23—Concordia Poultry show, Concordia, Mo., Otto W. Oetting, secretary; E. C. Branch, judge.  
November 25-30—Saline County Poultry show, Marshall, Mo., Miss Roma Fleet, secretary; Sister, Mo.  
November 25-30—Greene County Poultry and Pigeon association show, O. F. Smith, secretary, 1554 North Jefferson street, Springfield, Mo., N. L. Andrews, judge.  
Thanksgiving Week—St. Louis Pet Stock show, J. J. Basler, secretary.  
November 25-December 1—The Heart of America Poultry show, Kansas City, Mo., Charles G. Gonskie, secretary, 1418 Reliance building.  
November 26-30—Kansas City, Mo.  
November 27-December 1—Illinois-Missouri Poultry association, Cairo, Ill., A. P. A. show, D. T. Helmlich, judge; T. D. Gonskie, 826 Twenty-seventh street, St. Louis, Mo.  
November 28-December 2—Quincy Poultry and Pigeon association, Quincy, Ill., A. P. A. show, Johnston and Hale, judges; A. B. Smith, secretary.

### Kill the Slacker Hens

"Culling drives" to weed out the unprofitable fowls are being conducted by poultry raisers in many sections of the country under the direction of local leaders of the United States Department of Agriculture. In one community in Missouri the local leader organization set out to cull the non-producers of every farm possible on a certain day, and as a result of this campaign, known as a "culling drive," selections were made in more than 300 farm flocks. This undoubtedly brought about the sale or the eating of several hundreds of hens that, had they been

held over during the winter, would have made at least a large proportion of the flocks unprofitable. Such campaigns are made possible thru the organized local communities under the supervision of good leaders.

### Waterloo Dairy Congress

(Continued from Page 18.)

Longview Farm herd, Lee's Summit, Mo. The Missouri Jerseys "showed" the Texans, capturing a large majority of the firsts and seconds and winning all but one of the firsts on herds. The senior and grand champion bull was a Longview selection, Poet's White Heart, a 2-year-old of very fine breeding, which was junior champion of the national show in 1917. The junior champion bull was another Longview Farm product, Noma's Perfect Raleigh. The senior and grand champion cow was from the Lasater herd, Willow's Brightness, a 9-year-old. The junior champion heifer was Raleigh's Oxtivity, owned by Longview Farm. The Guernsey division was the lar-

gest of the show, 97 animals from 9 different herds. The grand championship bull award went to a 4-year-old from the Tenney herd, Crystal Bay, Minn., Ladysmith's Cherub, a son of Imp. Hayes Cherub 2nd, a national grand champion in 1914 and 1915, and himself national grand champion in 1916 and 1917. Ladysmith's Cherub again met the Marsh bull, Kentworth Gold, and defeated him in the class of 3-year-olds or over. The junior bull championship went to a Marsh bull, Cherub's Prince. Like the grand champion, this young bull is a son of Imp. Hayes Cherub; he comes from a distinguished dam also, Princess Berge, senior and grand champion Guernsey at the national shows in 1916 and 1917.

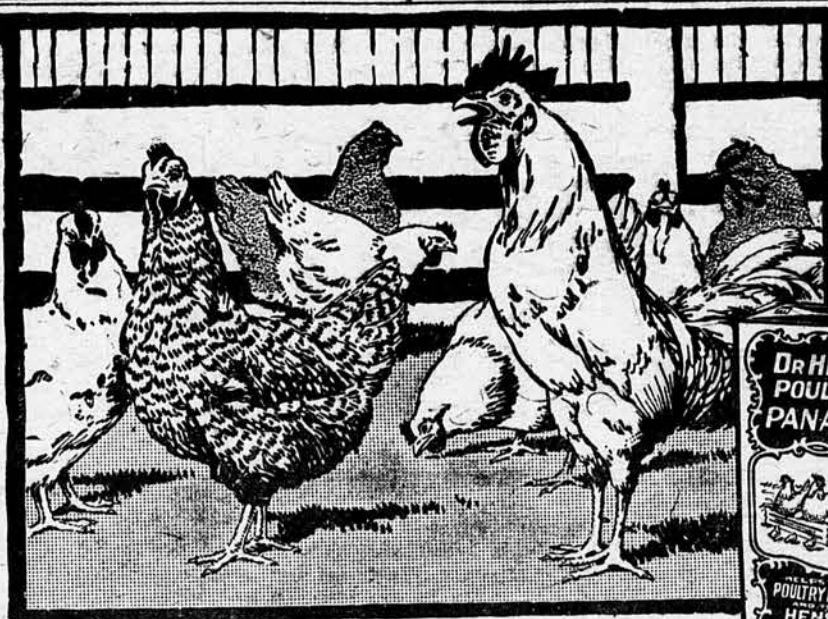
The championship senior Guernsey cow came from Island Farm, Minnesota, Imp. Bella 2nd du Grand Fort. She also captured the grand championship. The junior champion cow was Cherub's Miss Mademoiselle of Shorewood, owned by D. Tenney of Minnesota. The largest winnings were

made by W. W. Marsh of Waterloo. First prize for exhibitor's herd went to Tenney. First prize for breeder's young herd went to Marsh.

### Farm Draft Advisers Named

Agricultural advisers, one of whom is to be associated with every district draft board in the country, are being announced by the United States Department of Agriculture. In Kansas, W. J. Tod of Maple Hill is to be the agricultural adviser to the district board, division No. 1, with headquarters on the second floor of the Smith building, Topeka. A similar position will be held by W. T. Edwards of Wichita, who will be associated with the district board of division No. 2, with headquarters on the second floor of the Federal building at Wichita. These men are to present facts to the respective draft boards relative to the supply of necessary agricultural workers.

Eat thou honey because it is good—Proverbs 24:13.



## START YOUR MOULTED HENS TO LAYING

THE world is calling for more poultry and more eggs. Everybody must speed up—it's a patriotic duty. Now's the time to get ready for regular fall and winter laying.

The average hen lays less than 100 eggs a year. But thousands of hens are laying 200 eggs every year. Why not yours?

**Dr. Hess Poultry Pan-a-ce-a will start your pullets and moulted hens to laying promptly.**

Remember, going through the moult is like going through a long spell of sickness. The egg organs become dormant, but why let nature bide its own time to revive the egg organs? Feed a tonic.

Dr. Hess Poultry Pan-a-ce-a contains *Nux Vomica* and *Quassia*—tonics that promote digestion, that tone up the dormant egg organs. It has *Iron* for the blood, and *internal antiseptics*. This combination will keep your whole flock healthy and start your pullets and moulted hens to laying.

**IMPORTANT:** If your hens are not yet over the moult, supply them with Pan-a-ce-a daily to give them strength and vitality to force out the old quills and grow new feathers. Always buy Pan-a-ce-a according to the size of your flock—a penny's worth for each hen to start with. There is a package for all sizes of flocks.

You have no chances to take. The dealer in your town who sells Pan-a-ce-a will refund your money if it does not do what we claim. 30c, 75c and \$1.50 packages; 25-lb. pail, \$3.00; 100-lb. drum, \$10.00. Except in the far West and Canada.

**Dr. HESS & CLARK, Ashland, Ohio**

## Dr. Hess Instant Louse Killer Kills Lice



## DR. HESS POULTRY PAN-ACEA

### Dr. Hess STOCK TONIC

Keeps Hogs Healthy  
Drives Out the Worms



### CAPPER MAJORITY BROKE RECORDS AT PRIMARY

#### REPUBLICAN VOTE—ON AUGUST 6

Governor Arthur Capper.....103,120  
Ex-Gov. W. R. Stubbs.....31,614  
Ex-Congressman Charles F. Scott.....24,826  
Ex-Senator J. L. Bristow.....13,911

#### DEMOCRATIC VOTE

Senator William H. Thompson. 29,080  
George W. Marble.....9,510

#### SOCIALIST VOTE

Dr. Eva Harding.....1,245

From the Emporia Gazette:

No Kansas candidate for United States Senator ever made a record in the primary that would compare with that made by Governor Capper on August 6. Tho he had four of the best-known and most popular Kansans as competitors, Governor Capper carried every county in Kansas, even the home counties of his opponents. His plurality over his closest competitor, Governor Stubbs, was more than 70,000 and his majority over his three opponents ex-

ceeded 32,000. He came within a few hundred of having as many votes in the primary as all of his opponents, 3 Republicans, 2 Democrats and a Socialist, combined. Governor Capper's showing in the August primary was almost as fine as his great record in November, 1916, when he carried Kansas by a majority of 162,000 at a time when President Wilson carried it by 42,000 and five Democratic congressmen were elected. Governor Capper is easily the best vote-getter and the most popular man in Kansas public life, and he will win next November by another record-breaking majority.

#### SOLDIER VOTE AT THE CAMPS WAS STRONG FOR CAPPER

Arthur Capper .....1,830  
W. R. Stubbs .....386  
Charles F. Scott .....205  
J. L. Bristow .....216  
William H. Thompson .....718  
George W. Marble .....374  
Eva Harding .....41

Governor Capper says: "While I am gratified over the fine vote given me by the citizens of the state, I count as a greater compliment the big vote cast for me by the soldier boys who are to do the fighting for those of us at home. It is an honor to have the confidence

of these loyal, patriotic young men who are to fight the battles of this nation. It is a tribute to me as war governor which I appreciate deeply, and which I prize more than anything else which has come to me in this campaign."

#### BIG VOTE FOR CAPPER IN HIS HOME COUNTY

Governor Capper always gets his largest majority in his home county, which includes the city of Topeka. At the recent primary he led his ticket as usual and received an overwhelming majority as follows:

Governor Capper .....6,189  
Governor Stubbs .....1,731  
Charles F. Scott .....1,618  
Senator Bristow .....505

#### Save All the Straw

Reports coming to the Farmers Mail and Breeze indicate the drouth in Central Texas, West Texas, and Western Oklahoma has been very severe, and the production of feed crops will not be sufficient for the needs of that country. Shipments are already being sent forward to sustain the livestock and avoid the necessity of shipping out, with the hopes that fall rains will re-

vive the pastures. Kansas farmers should take special pains to keep in good condition all their wheat and oats straw, kafir cornstalks, and other roughness that can be used for feed later in the season. Oats straw or wheat straw in connection with cottonseed cake makes a very good ration for cattle, and there will undoubtedly be an active market demand for all the straw that is offered for sale.

If all of the straw cannot be used for feeding purposes scatter some of it over the fields for fertilizer. When thinly distributed with a good straw spreader over fall sown wheat, it affords a good protection against the severe cold freezing weather in winter. It also helps to conserve soil moisture and to check drifting of the soil on loose blowy ground. Keep the straw spreader and the manure spreader busy. The increased yields in crops will more than repay for all the trouble required.

#### Remedy for Spanish Influenza

Readers of the Farmers Mail and Breeze, no doubt, will be glad to learn that two remedies have been found for Spanish influenza. The Mayo Brothers of Minnesota announce the discovery of a serum perfected in their sanitarium that both prevents and cures the Spanish influenza. In a short time drug stores and physicians probably will be able to supply this remedy.

A physician in Pittsburg, Pa., also has discovered a remedy that is effective. In response to hundreds of telegrams from medical men thruout the country, Dr. George F. Baer, of the Homeopathic hospital staff has just made public the formula of the remedy he discovered. The treatment, he says, is a hypodermic injection of a sterile solution representing 1.54 grams of iodine in chemical combination with creosote and guaiacol. This acts both as a cure and as a preventive. Persons should avoid crowds, public assemblies, and other places where there is danger of contracting the disease. Rooms should be kept well ventilated, and plenty of fruits and vegetables should be eaten, and the system should be kept well regulated and in thoro condition. Avoid eating meat, the use of public drinking cups, and public towels.

#### Foot-and-Mouth Disease

Public officials, veterinarians and stock owners should be on guard to report immediately any cases of foot-and-mouth disease that may appear in this country, according to a statement by Dr. J. R. Mohler, Chief of the Bureau of Animal Industry, U. S. Department of Agriculture. "Recent cable news," says Dr. Mohler, "announces an outbreak of foot-and-mouth disease in England which brings to mind the serious outbreaks of that disease which have been experienced in the United States."

"Foot-and-mouth disease has appeared in England from time to time, as it has done in the United States. In both countries the past outbreaks have been controlled promptly and eradicated and no cases have occurred in the United States since 1916. Nevertheless the disease makes its appearance at irregular intervals. In this country we may expect its return at any time altho every precaution is being taken by the federal authorities to prevent the introduction of the disease, especially from the present outbreak in England. So long as communication is maintained with other countries the danger of the reintroduction of the disease must be acknowledged."

"It is of the greatest importance that a sharp watch be maintained by all officials, by practicing veterinarians, and by stock owners in order that the very first cases may be discovered and the spread of the disease prevented."

#### Good Crop Rotations for Kansas

(Continued from Page 1.)

small grain, and about one-fourth in corn or the sorghums.

It is not necessary that these exact proportions be maintained. If kafir or sorgo is more profitable than corn, the corn may be entirely replaced by them. Unusual markets or other unforeseen conditions may make it desirable to modify any given plan that can be worked out. Nevertheless, it will be found advisable to have some definite plan of procedure, even tho it cannot always be followed out in all details.

## LaCrosse Happy Farmer TRACTOR



FOR only \$1075 you can have the greatest tractor ever built.  
It is the Happy Farmer.

Because of the thousands of Happy Farmer Tractors we are building and selling, we are able to buy the best materials in great quantities and at bottom prices. Every part of the Happy Farmer is made in our own plant by the most up-to-date labor-saving machinery.

The low price of \$1075 is the direct result of the size and system of the great company which makes the Happy Farmer Tractor.

#### Simplicity of Design

The Happy Farmer has the simple, wide tread and perfectly balanced design, which does away with unnecessary weight and keeps down fuel cost.

The Happy Farmer is the one man tractor. Every working part can be reached without stooping. Thousands of satisfied Happy

Farmer owners testify that it is the perfect kerosene burning tractor for every size farm. It is the tractor which is self-guiding in the furrow and which turns short in its own tracks in a space of less than nine feet.

The Happy Farmer is rated at 12-24 horsepower and is the tractor which can be made to act like horses and throw more power on either side when needed.

#### Happy Farmer Tractor Implements

Happy Farmer Tractor Implements lead the field with the Happy Farmer Tractor. The Happy Farmer Grain Drill is the one with the patented automatic power lift and power pressure. Happy Farmer Disk Har-

rows have special strength and durability for tractor work. Happy Farmer Mold-board Plows are operated by the simple pulling of a cord from the driver's seat on the tractor.

#### See the Happy Farmer Yourself

Dealers are taking orders for the Happy Farmer Tractor now. We cannot guarantee to supply the demand unless orders are placed at once. There is a Happy Farmer distributor near you who holds Happy

Farmer demonstrations from time to time. See the Happy Farmer at work and let it prove its leadership. Write us today for the name of nearest distributor who will let you know when the next demonstration is to be.

LA CROSSE TRACTOR COMPANY  
DEPARTMENT 89A LA CROSSE, WISCONSIN

12-24 H.P. for  
\$1075



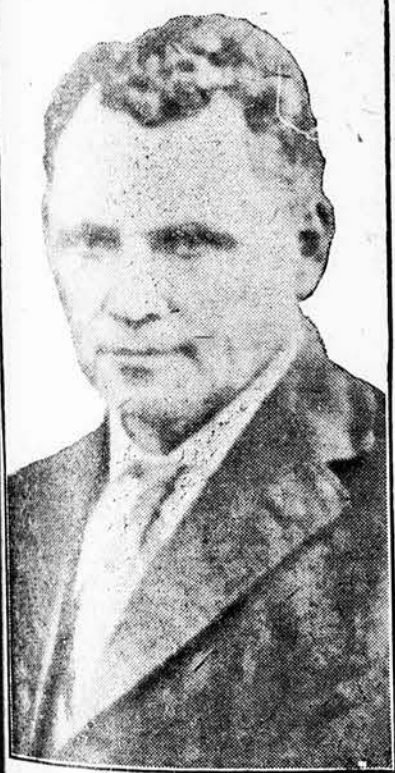


October 19, 1918.

## FRANK HOWARD—THE MAN

BY CON VAN NATTA

The death last week of Frank Howard, the livestock advertising editor of the *Capper Farm Papers*, has left a vacancy in our organization that will be very difficult to fill. He was the kind of man—and few there are—who have no duplicates. His going away was one of the first breaks in our list of old-timers on the *Capper Papers*, and it brought sore distress to us. He was the soul of honor, and his loyalty to the office, to his friends, to the men who worked under his direction, and to the livestock men of the states covered by the *Capper Farm Papers* was intensely real. Their interests were his interests, and thru him the stockmen of these states received the best service in his power to give. He played no favorites. The man with the inch advertisement received just as much consideration as the page advertiser. I am not writing from hearsay. I know because the printers were very closely associated with him in the handling of his work. Often he would come up to the composing room with his arms full of advertisements, pile them on my desk and say: "Now here's a half page Shorthorn advertisement for my friend Park Salter down at Wichita. You know just what he wants and have the boys set him a good ad. Here's a page for Looka-bough, and one for Whisler of Watonga, Okla., and also one for Robinson of Towanda, Kan. Give them the best you've got. Now be careful about these ads, too: Here's Sam Drybread of Elk City, Kan., and R. M. Young of Cook, Neb., Laptad of Lawrence, the Lee boys of Harveyville, and Lamer of Salina (who, Frank would insist, must have the cut showing him standing on the back of his splendid Percheron), the Limestone Valley Stock Farm, with our old friend, L. M. Monroes of Smithton, Mo., and don't forget to put in his picture astride 'Mon-



Frank Howard

sees-up his famous jack. This is a little 2-liner for Ross & Son of Smith Center, Kan., be sure to give it a black side-head. Here's Fred Chandler's Percheron-Belgian 7-line copy from Chariton, Ia., and Howard Chandler's sheep ad. Don't forget to use the 7-line horse head cut for Fred and a sheep cut for Howard."

And so he would continue all down the line. He seemed to be personally acquainted with every one of you stockmen, and his interest in the results you received from your advertising was a mania with him. I have mentioned only a few names, but he came to the composing room with the same admonition for each one of the ads from the hundreds of livestock men whose business our papers carry. Be very sure, Frank gave you the best he had, and the effect of his interest in the livestock department will be much in evidence in the years to come.

Mr. Howard loved his family and idolized his 10-year-old son, Scott, for whose future he desired so much to live. On account of his health, he had already made arrangements to spend the winter in Florida and one afternoon not long ago as he sat near my desk, said, "Con, I wish you could go with me. I'll be lonesome down there," for he intended going alone. The day before his death, he came again to see me, and with eyes shining and a smile of satisfaction and pleasure on his face, remarked quietly, "Governor Capper has fixed it so I won't have to go alone. My family will accompany me." He seemed to know that the end was near and one evening in the soft twilight he called his handsome son to his side and told him the truth and spoke the words a loving father might say at such a time. The things that Frank said to his little boy—God knows. I hope they come true. He has "gone west," but will be held fast in loving memory by us all.

## Farm Congress Not Canceled

The *Farmers Mail and Breeze* is in receipt of a telegram from W. I. Drummond, secretary of the International Farm Congress, stating that there will be no postponement of the meeting. The exposition will be held from October 16 to 26 as first announced.

Kansas is to be represented at the exposition at Kansas City, Mo., by two booths, the state display and the agricultural experimental display.

Prof. Bruce S. Wilson has planned the display booths for Kansas. At least 12 other states will be competing for state honors. States as far east as Ohio and as far west as Arizona will be represented.

The state display booth will show a complete line of agricultural products. Some of the work done was by the experiment station of the agricultural college.

The wall space of the booth is to be divided into seven panels by means of pillars and arches covered with

Turkey wheat. These are devoted principally to showing crops in the sheaf. The bench display consists of threshed grain, corn in the ear, vegetables, and fruit.

The central display consists of a large service flag made out of Jonathan apples and Grimes Golden apples. The large star in the center stands for the 77,000 Kansans in the country's service. This flag is guarded on either side by several stacks of arms and two trench mortars with plenty of ammunition in the form of rosy apples piled in pyramids.

The experiment station booth will be a wall display consisting largely of chart maps, and samples of wheat in the sheaf and threshed grain under glass.

Kansas is believed to have a good chance of winning first place this year. Last year Kansas won second place at the exposition, which was held in Peoria, Ill., Nebraska winning first place. In 1915 Kansas won first place at the exposition in Denver, Colo. In 1916 it won first place at El Paso, Tex.

# Patriot *Farm* Truck

## Built for Country Roads Built for Country Loads

### The Farmer Wants a Truck That He Can Dump

An Iowa Farmer writes of the Patriot Truck:

"You have got the right idea about dumping the load. It is what I have been looking for. The farmer wants a truck that he can dump at the country elevators."

The Patriot Dump Body, with the powerful Patriot Hand Hoist, makes it possible to easily and quickly dump the load by hand.

This Hoist is our own invention. The Body is built like a farm wagon body, except larger and better. It will stand long and hard wear.

#### Lincoln Model

Capacity  
3000 pounds

#### Washington Model

Capacity  
5000 pounds



The  
Patriot  
Saves  
and  
Serves

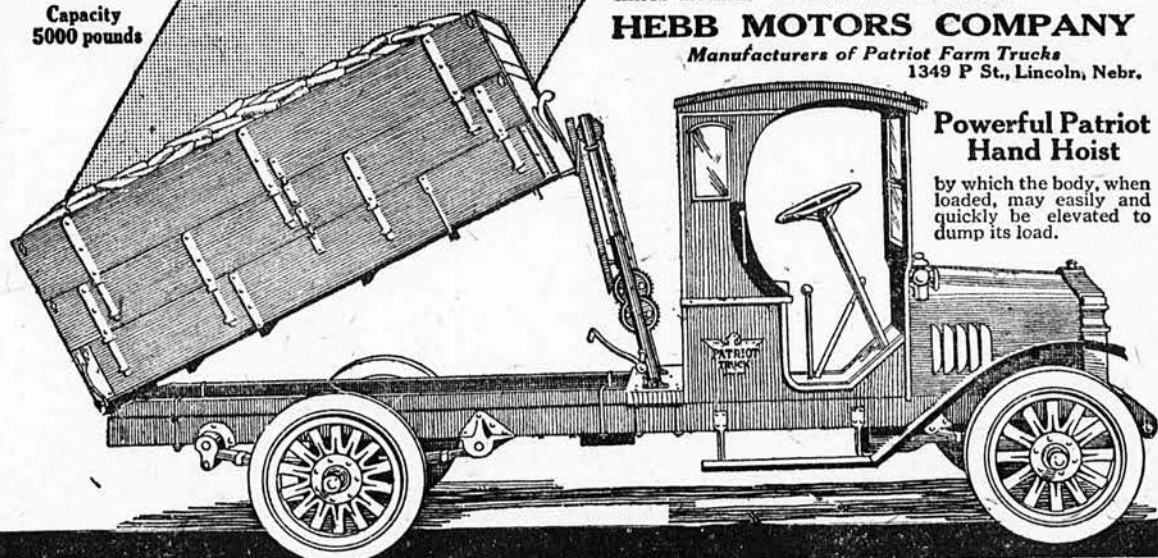
Saves time and expense in hauling the farm crops and in getting grain and live stock to market.

Serves the country by serving the farmer—giving him cheap, quick, certain transportation at all seasons of the year.

The Patriot is the first Motor Truck built especially for farmers. It saves horses and high-priced feed. It brings bigger and better markets within reach, for with a Patriot you can readily drive to a market 100 miles distant. Write for information.

#### HEBB MOTORS COMPANY

Manufacturers of Patriot Farm Trucks  
1349 P St., Lincoln, Nebr.



#### Powerful Patriot Hand Hoist

by which the body, when loaded, may easily and quickly be elevated to dump its load.



# FARMERS' CLASSIFIED ADVERTISING

Rate: 8 cents a word each insertion for 1, 2 or 3 times. 7 cents a word each insertion for 4 CONSECUTIVE times. Remittance must accompany orders. IT GIVES RESULTS. LIVESTOCK ADVERTISING NOT ACCEPTED FOR THIS DEPARTMENT.

This is where buyers and sellers meet every week to do business—are you represented? Try a 4-time order. The cost is so small—the results so big, you cannot afford to be out.

## TABLE OF RATES

Words	One time	Four times	Words	One time	Four times
10.....	\$ .80	\$2.80	20.....	\$1.60	\$5.60
11.....	.88	3.08	21.....	1.68	5.68
12.....	.96	3.36	22.....	1.76	5.96
13.....	1.04	3.64	23.....	1.84	6.24
14.....	1.12	3.92	24.....	1.92	6.52
15.....	1.20	4.20	25.....	2.00	6.80
16.....	1.28	4.48			
17.....	1.36	4.76			
18.....	1.44	5.04			
19.....	1.52	5.32			
20.....	1.60	5.60			
21.....	1.68	5.88			
22.....	1.76	6.16			
23.....	1.84	6.44			
24.....	1.92	6.72			
25.....	2.00	7.00			

## 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.

## ANCONAS.

S. C. ANCONA COCKERELS, \$2 EACH. Lacy Thorsell, Vilas, Kan.  
ANCONA COCKERELS, \$1.25 EACH. MRS. Geo. Ferguson, R. 4, Chapman, Kan.  
SHEPARD STRAIN ANCONA COCKERELS, \$1.50 each. Nora Luthye, R. 6, North Topeka, Kan.

## GUINEAS.

WHITE AFRICAN GUINEAS FOR SALE. Mrs. F. E. Wentz, Burlington, Kan.

## LANGSHANS.

THOROUGHbred BLACK LANGSHAN cockerels, \$3; two, \$5; pullets, \$2. Riley Lilly, Olivet, Kan.  
PURE BRED WHITE LANGSHAN COCKERELS, \$1.50 up. Also stock. Sarah K. Greisel, Altoona, Kan.  
PUREBRED BLACK LANGSHAN COCKERELS, \$3. Pullets, \$1.35. Forrest Peckenpaugh, Lake City, Kan.  
ROWE'S WHITE LANGSHANS, HENS, pullets, cocks and cockerels for sale. Mattie Rowe, Lane, Kan.

## LEGHORNS.

R. C. BROWN LEGHORN CHICKENS. Otto Borth, Plains, Kan.  
WHITE LEGHORN COCKERELS, SINGLE Comb, \$2. Ethel West, Meriden, Kan.  
SINGLE COMB WHITE LEGHORN COCKERELS, \$1.50. A. Pitney, Belvue, Kan.  
GOOD SINGLE COMB WHITE LEGHORN stock. Mrs. Anna Hege, Sedgwick, Kan.  
ROSE COMB BROWN LEGHORN COCKERELS, \$1.50. Elizabeth Evans, Wilsey, Kan.  
SINGLE COMB WHITE LEGHORN COCKERELS, \$1.50 each. J. Stulp, Hartford, Kan.  
SINGLE COMB WHITE LEGHORN HENS, cockerels, \$1.50. Sarah Rollins, Gretna, Kan.  
SINGLE COMB WHITE LEGHORN COCKERELS, \$2 and \$3 each. Louie Barnes, Moline, Kan.  
PURE SINGLE COMB BROWN LEGHORN cockerels and hens, \$2. Chas. Bowlin, Olivet, Kan.  
PURE BRED ROSE COMB BROWN LEGHORN cockerels, \$1.50. Fred Chilen, Miltonvale, Kan.  
PURE BRED ROSE COMB BROWN LEGHORN cockerels, \$1.50 each. Fred Chilen, Miltonvale, Kan.  
PUREBRED SINGLE COMB BUFF LEGHORN cockerels, \$1.20 until Nov. 15. M. Ott, Madison, Kan.  
PUREBRED ROSE COMB BROWN LEGHORN cockerels, \$1. Mrs. Josephine Reed, R. 2, Oakhill, Kan.  
PURE ROSE COMB WHITE LEGHORN cockerels, Champions, \$1.50 straight. J. M. Jarvis, Newton, Kan.  
THOROUGHbred S. C. BROWN LEGHORN cockerels, \$1.50 each. April hatched. Edna Crowl, Lane, Kan.  
S. C. WHITE LEGHORN COCKERELS, \$1.50. S. C. Buff Orpingtons, \$3; two for \$6. V. Laws, Hartford, Kan.  
PUREBRED S. C. BROWN LEGHORN cockerels, from heavy layers, \$1.50 each. Mrs. Charles Ziegenhirt, Linn, Kan.  
PURE BRED ROSE COMB BROWN LEGHORN cockerels and pullets, \$1.50 each. Mrs. Art Johnston, Concordia, Kan.  
AMERICAN QUALITY SINGLE COMB Buff Leghorn cockerels, \$1.50 each until Oct. 30. 6 for \$7. Gertrude Malze, Hunne- well, Kan.  
THOROUGHbred S. C. BUFF LEGHORN prize winning cockerels. Heasley's famous strain. \$1.25, \$2 and \$5 each. Mrs. J. Dignan, Kelly, Kan.  
BUY NOW—SAVE HALF—WILSON'S bred to lay exhibition S. C. Buff Leghorn cocks and cockerels—to make room, \$3 up. Herb Wilson, Holton, Kan.  
THOROUGHbred SINGLE COMB BROWN Leghorn cockerels. Pedigreed cockerels preferred. Satisfaction must be guaranteed. Mrs. Henry Brockelman, Holton, Kan.

## SEVERAL VARIETIES.

FINE ROSE COMB BUFF LEGHORN and Single Comb Ancona cockerels, \$2.50 each. Goldenrod Poultry Farm, Mesa, Colo.

## MINORCAS.

FOR SALE—150 SINGLE COMB BLACK Minorca hens. Claude Hamilton, Garnett, Kan.

SINGLE COMB WHITE MINORCA COCKERELS. Pure bred from world's fair, Madison Square and Coliseum prize winning stock. Price according to points. A. Goodwyn, Minneapolis, Kan.

## ORPINGTONS.

THOROUGHbred ROSE COMB BUFF ORPINGTON cockerels. Choice \$3. Mrs. Chas. E. Simon, Mont Ida, Kan.

WHITE ORPINGTON COCKERELS FROM pen best layers headed by cock from 200 egg hen, \$5. Flock, \$2; during October. Mrs. Helen Lill, Mt. Hope, Kan.

FOR SALE—PRIZE WINNING CRYSTAL White Orpingtons, largest type. My birds noted for whiteness and laying qualities. Sunny Slope Poultry Farm, Troy, Kan.

## PLYMOUTH ROCKS.

WANTED WHITE ROCK PULLETS. OTIS Specht, Kingman, Kan.

## PLYMOUTH ROCKS.

FINE BARRED BIG BONED COCKERELS, \$3. Law Harter, Centuria, Kan.

WHITE ROCK COCKERELS, \$1.50 EACH. Mrs. Wm. Luckeroth, Seneca, Kan.

PURE RINGLET ROCK COCKERELS, \$1.50 and \$2. Mary Wilson, Melvern, Kan.

WHITE ROCKS, SIZE AND QUALITY cockerels only. G. M. Kretz, Clifton, Kan.

BARRED ROCKS FOR SALE OR TRADE on pump gun. A. Hassler, Enterprise, Kan.

WHITE ROCK COCKERELS, APRIL hatch, \$1.50; 1918 cocks, \$2. Mrs. J. W. Gaston, Larned, Kan.

PURE BRED BARRED ROCK COCKERELS, large type, \$2.50 each. Mrs. Fred Webb, Protection, Kan.

PURE BARRED ROCK COCKERELS, \$2 each. Large boned, vigorous, farm raised. Mrs. H. Buchanan, Abilene, Kan.

BARRED ROCK COCKERELS, PUREBRED from prize-winning stock, \$3-\$5; pen raised. Earl Knepp, Waverly, Kan.

THOROUGHbred WHITE ROCK COCKERELS, April hatch, \$2. Last year cocks, \$2.50. Albert Trambly, R. 2, Goodland, Kan.

BARRED ROCK COCKERELS FROM WINTER laying strain, \$2.50 each; three, \$7. Valuable circular free. O. E. Skinner, Columbus, Kan.

FOR SALE—RINGLET BARRED ROCK cockerels, March and April hatched, during October at \$2 each. Mrs. F. R. Wycoff, Wilsey, Kan.

## RHODE ISLAND REDS.

R. C. RED COCKERELS, \$1.50. BARGAINS. Mrs. Gilbert J. Smith, Lyons, Kan.

THOROUGHbred DARK ROSE COMB Red cockerels, \$3. Mrs. Monie Wittsell, R. 1, Erie, Kan.

DARK, EVEN RED R. C. RED COCKERELS, \$2 each, \$3.50. Nora Luthye, R. 6, North Topeka, Kan.

FOR SALE—FULL BLOOD WHITE ROSE Comb cockerels, hens, pullets, \$2 each. Stella May, Speed, Kan.

DARK RED SINGLE COMB REDS, GOOD scoring, heavy boned, guaranteed. Lela Osterfoss, Hedrick, Iowa.

ANCONA—R. C. RHODE ISLAND REDS. Cockerel for sale \$2.00 and up for good breeding stock. Eggs in season. Emmett Pickett, Princeton, Mo.

## TURKEYS.

BOURBON RED TURKEYS, LARGE EARLY fine mark toms, \$8.50; hens, \$4.50. Walter Baird, Deerhead, Kan.

EARLY HATCHED BOURBON RED TURKEYS. Purebred toms, \$5.50; hens, \$4. Henry S. Voth, R. 2, Goessel, Kan.

PURE BRED BOURBON RED TURKEY toms, \$9; young toms, \$6-\$8; hens, \$3.50-\$4.50. Purebred White Holland hens, \$5. Forrest Peckenpaugh, Lake City, Kan.

## WYANDOTES.

MARCH COCKERELS AND PULLETS. Ginette & Ginette, Florence, Kan.

GOLDEN WYANDOTTE COCKERELS, cocks, hens, \$2, \$3. Dewey Lilly, Olivet, Kan.

WHITE WYANDOTTE HENS AND COCKERELS, Fishel strain, \$1.50. Clyde Meek, R. 3, Chapman, Kan.

WHITE WYANDOTTE COCKERELS FROM record sires of Steven's American and Barron's English laying strains, \$3 to \$6 each. Satisfaction guaranteed. H. A. Dressler, Lebo, Kan.

## POULTRY WANTED.

RUNNER DUCKS WANTED. EMMA AHLstedt, Lindsborg, Kan.

THE COPE, TOPEKA, BUY ALL KINDS of poultry. They are prompt and reliable. Write for cash offers.

## POULTRY JOURNALS.

POULTRY BREEDERS! YOU NEED THIS good poultry journal. All the poultry news of the Missouri Valley territory and other helps worth while. Edited by G. D. McClaskey, well known authority. Only 50c for full year's subscription. Poultry Culture, 600 Graphic Arts Bldg., Kansas City, Mo.

## HONEY AND CHEESE.

HONEY OF SUPERIOR QUALITY 1918 crop. Also Green county's famous brick cheese. Write for prices. E. B. Ross, Monroe, Wisconsin.

## DOGS.

SCOTCH COLLIE PUPPIES FOR SALE. W. H. Kropf, Dwight, Kan.

FOR SALE—GREYHOUND PUPS, 10 weeks old. Geo. Laws, Hartford, Kan.

FOR SALE—ONE PAIR BLOODHOUND pups 8 months old. Lewis Schulz, Canton, Kan.

AIREDALES, WHEPLED JULY 16, 1918. Eligible to register. Good pedigree. Buy now, train as you want them. E. Hewitt Griffin, Rt. 1, Kincaid, Kan.

## SEEDS AND NURSERIES.

SWEET CLOVER AND CHOICE ALFALFA seed wanted. Mail us samples. We buy any quantity and pay your draft with bill of lading attached. The L. C. Adam Mercantile Co., Cedar Vale, Kan.

## FOR SALE.

FOR SALE—CATALPA POSTS, CARLOTS. H. W. Porth, Winfield, Kan.

FOR SALE—DANDY 10-20 KEROSENE tractor, \$400. S. B. Vaughan, Newton, Kan.

McCORMICK SIX ROLL SHREDDER, RUN one season, good as new. Claude Hamilton, Garnett, Kan.

FAIRLEA FARM—BERKSHIRES. A FEW spring boars and gilts for sale. R. C. Obrecht, Topeka, Rt. 28.

FOR SALE—RABBITS—YOUNG FLEMISH Giants, \$1 each. Older, \$2 each. B. D. Hungerford, Canton, Kan.

WANTED—A CYLINDER CORN SHELLER and a 25 H. P. stationary gas engine. Homer Thayer, Fairview, Kan.

POTATOES—SEED AND EATING POTATOES in car lots. Cheap. Red River Seed Potato Co., Benton, Minn.

ALFALFA HAY FOR SALE BY PRODUCER. Well cured. About one hundred forty tons delivered F. O. B. Geo. R. Fultz, Wichita, Kan.

PURE EXTRACTED HONEY, PUT UP IN 60 lb. cans, 30 cents per lb.—30 lb. or 12 lb. cans, 32 cents. F. O. B. here. Roy Burger, Eskridge, Kan.

FOR SALE—COMPLETE AVERY THRESHING rig and 3 bottom plow, 12-25 tractor, 22-36 separator in fine running condition. Can be seen operating. T. care Mail and Breeze.

BALE TIES WHOLESALE AND RETAIL. Lumber direct from mill in car lots, send itemized bills for estimate. Shingles and rubber roofing in stock at Emporia. Hall-McKee Lumber & Grain Co., Emporia, Kan.

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.

## LANDS.

CHOICE 180 ACRES, WELL IMPROVED, ideal location, good water. Sec. Labette Grange, Labette, Kan.

IMPROVED QUARTERS, HALF SECTIONS or larger, Lincoln county, Colo. Bargains. Easy terms. Good crops. Write John L. Maurer, Arriba, Colo.

WHEAT AND GRASS FARMS, \$45 TO \$65 per acre. Near Chanute, S. E. Kansas. Our new list gives description and prices. All sizes. Home Inv. Co., Chanute, Kan.

FOR SALE—VERY CHOICE 240 A. FARM, 2 1/2 mi. from town; all smooth level land; 120 a. grass, bal. cult.; good buildings; price for short time only, \$50 per a., which is \$25 less than anything else around it. Ed. F. Milner, Hartford, Kan.

BOOKLET ON REQUEST, PRESENTING facts by State Commissioner of Agriculture, describing the Mazarn Valley in the Ozarks, ideal for dairying and stock farming. Address: Mazarn Valley Land Company, 847 Central Ave., Hot Springs, Ark.

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.

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 \$10 to \$15 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 E. T. Cartledge, Santa Fe Land Improvement Company, 404 Santa Fe Bldg., Topeka, Kan.

## FARMS WANTED.

WANTED—WELL IMPROVED KAW BOT-tom farm, 80 to 160 acres. Address, October, care Mail and Breeze.

I HAVE CASH BUYERS FOR SALABLE farms. Will deal with owners only. Give description, location and cash price. James P. White, New Franklin, Mo.

## PATENTS.

WANTED IDEAS. WRITE FOR FREE patent guide books, list of patent buyers and inventions wanted. \$1,000,000 in prizes offered. Send sketch for free opinion of patentability. Victor J. Evans & Co., 825 Ninth, Washington, D. C.

## MISCELLANEOUS.

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

KODAKERS—FREE ENLARGEMENTS from your films. Ask us! Williams Studio, Beatrice, Neb.

## MISCELLANEOUS.

WANTED TO RENT FARM 80 TO 100 acres, improved, in northeast Kansas. Box 473, Holly, Colo.

WANTED TO BUY HEDGE, LOCUST, MUL-berry and catalpa posts. Also locust and catalpa groves. Address Fence Posts, care Mail and Breeze.

PAINT YOUR AUTOMOBILE YOURSELF for only \$5. I tell you how and furnish the material. Address E. J. Worst, Ashland, Ohio.

EXPERIENCED MAN, WITH OWN HELP, wants furnished farm on shares. Either first of January or March. References furnished. Address, "Farmer," care Mail and Breeze.

WANTED—THREE SINGLE MEN FOR work on farm and ranch near Topeka. \$50 per month or \$2 per day, and board. Phone 415 Silver Lake or address Chas. O. Evans, Silver Lake, Kan.

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

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.

CASH FOR OLD FALSE TEETH. DON'T matter if broken. We pay up to \$35.00 per set, also actual value for diamonds, old gold, silver, platinum and bridge work. Send by parcel post, and receive cash by return mail. Will return your goods if price is unsatisfactory. Mazers' Tooth Specialty, Dept. 71, 2007 S. 5th St., Phila., Pa.

BIG WESTERN WEEKLY SIX MONTHS 25 cents. Biggest and best general home and news weekly published in the West. Review of the week's current events by Tom McNeal. Interesting and instructive departments for young and old. Special offer, six months' trial subscription—twenty-six big issues—25 cents. Address Capper's Weekly, Dept. W. A.-12, Topeka, 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. Send in a trial ad now while you are thinking about it. Capper's Weekly, Topeka, Kan.

## The Week's Market Report

(Owing to the fact that this paper necessarily is printed several days prior to the date of publication, this market report is arranged only as a record of prices prevailing at the time the paper goes to press, the Monday preceding the Saturday of publication. All quotations are from the Kansas City market.)

Wheat—No. 1 dark hard, nominally \$2.21 @2.25; No. 2 dark hard, sales \$2.21; No. 3 dark hard, sales \$2.15 @2.17; No. 4 dark hard, sales \$2.12 @2.13; No. 5 dark hard, sales \$2.04 @2.07.

No. 1 hard, sales \$2.21 @2.21 1/2; No. 2 hard, sales \$2.19 @2.20; No. 3 hard, sales \$2.14 @2.15; smutty, \$2.14; No. 4 hard, sales \$2.12; smutty, \$2.08; No. 5 hard, sales \$2.05 @2.06; sample hard, sales \$1.80.

No. 1 red, sales \$2.18 1/2; garlicky, \$2.17 1/2; No. 2 red, sales \$2.16; smutty, \$2.15; No. 3 red, nominally \$2.12 @2.13.

No. 1 mixed, sales \$2.19 @2.20; No. 2 mixed, sales \$2.19.

No. 3 Northern spring, dark, sales \$2.13 1/2; Corn—No. 2 mixed, nominally \$1.48 @1.54; No. 3 mixed, nominally \$1.41 @1.46; No. 4 mixed, nominally \$1.32 @1.36; sales \$1.32 @1.35; bulkhead, \$1.40; No. 6 mixed, sales \$1.15 @1.18.

No. 2 white, nominally \$1.54 @1.56, sales \$1.55; No. 3 white, nominally \$1.43 @1.45, sales \$1.43; No. 4 white, nominally \$1.36 @1.41.

No. 2 yellow, nominally \$1.54 @1.56, sales \$1.55 @1.56; No. 3 yellow, nominally \$1.49, sales \$1.48; bulkhead \$1.43; No. 4 yellow, sales \$1.33 @1.39; No. 5 yellow, sales \$1.32; No. 6 yellow, sales \$1.20; sample yellow, sales \$1.05.

Oats—No. 2 white, nominally 70 1/2 @71; No. 3 white, sales 69 1/2 c; No. 4 white, nominally 69 c.

No. 2 mixed, nominally 69 1/2 @70 c; No. 3 mixed, nominally 69 @69 1/2 c; standard, sales 70 c.

No. 2 red, nominally 74 @76 c; No. 3 red, nominally 73 @74 c; sales 73 c.

Rye—No. 2, nominally \$1.52 @1.54; sales \$1.53.

Barley—No. 4, nominally 94 @95 c, sales 97 c; No. 3, sales 99 c.

Brans—Nominally, sacked, \$1.35 @1.38. Shorts—Nominally, sacked, \$1.45 @1.48.

Mixed Feed—Nominally, sacked, \$1.41 @1.44.

Corn Chop—Nominally, sacked, \$2.81 @2.84.

Hogs—Bulk, \$17.00 @17.90; heavy, \$17.25 @18.00; packers and butchers, \$18.00 @18.50; light, \$16.75 @17.30; pigs, \$13.50 @14.00.

Cattle—Prime fed steers, \$17.50 @18.00; dressed beef steers, \$12.00 @12.50; western steers, \$10.00 @10.50; southern steers, \$7.00 @7.50; cows, \$6.00 @6.50; feeders, \$5.00 @5.50; stockers and feeders, \$4.00 @4.50; bulls, \$6.50 @7.00; calves, \$7.00 @7.50.

Sheep—Lambs, \$13.50 @15.50; yearlings, \$10.00 @11.50; wethers, \$9.00 @10.50; \$6.00 @8.00 @9.50; stockers and feeders, \$4.00 @4.50.

Hay—Alfalfa, choice, \$32.00 @32.50; No. 1, \$30.50 @31.50; standard, \$29.50 @30.50; No. 2, \$28.50 @29.50; No. 3, \$22.00 @25.50.

Prairie, choice, \$28.50 @29.00; No. 3, \$13.00 @28.00; No. 2, \$25.50 @26.00; No. 1, \$23.00 @24.00.

Midland prairie, No. 1, \$23.00 @24.00; No. 2, \$16.00 @22.50.

Lowland prairie, No. 1, \$23.00 @24.00; No. 2, \$9.00 @17.50; standard, \$12.00 @13.00; No. 1, \$30.00 @30.50; No. 2, \$29.00 @29.50; No. 3, \$25.00 @25.50.

Clover mixed, light, \$29.00 @30.00; No. 1, \$24.50 @28.50; No. 2, \$16.50 @23.50.

No. 1, \$26.50 @27.50; No. 2, \$23.00 @26.00.

Packing hay, \$7.00 @12.50.

Straw, \$10.00 @10.50.

The Farmers Mail and Breeze can use a few more good photographs of farm homes and general farm scenes.

Put tin around the feed bins where the rats are most likely to gnaw through. And plan a campaign against the rats.



## WHAT BREEDERS ARE DOING

**FRANK HOWARD,**  
Manager Livestock Department.

**T. W. MORSE,**  
Livestock Editor.

## FIELDMEN.

A. B. Hunter, S. W. Kansas and Okla., 128  
Grace St., Wichita, Kan.  
John Johnson, N. Kansas, S. Neb. and  
John Lincoln St., Topeka, Kan.  
Jesse R. Johnson, Nebraska and Iowa, 1937  
South 16th St., Lincoln, Neb.  
C. H. Hay, S. E. Kan. and Missouri, 4204  
Windsor Ave., Kansas City, Mo.  
T. W. Morse, special assignments, 300  
Graphic Arts Bldg., Kansas City, Mo.

**NOTICE TO LIVESTOCK ADVERTISERS.**  
The War Industries Board has directed  
publishers to discontinue sending out all free  
copies, sample copies and exchanges.  
Publishers are permitted to mail to ad-  
vertisers only such issues of the paper as  
contain their advertisements.  
We are compelled, therefore, to suspend  
entirely our complimentary list.

## PUREBRED STOCK SALES.

## Horses.

Nov. 25—Lefebure Bros., Fairfax, Iowa.  
**Jacks and Jennets.**  
Oct. 21—Limestone Valley Farm, Smithton,  
Mo.  
Mch. 25—H. T. Hineman & Sons, Dighton,  
Kan.

## Shorthorn Cattle.

Oct. 24—Park E. Salter, Wichita, Kan.  
Oct. 25—J. C. Robinson, Towanda, Kan. Sale  
at Wichita, Kan.  
Oct. 30—Southwest Mo. Shorthorn Breeders'  
Ass'n, H. Thomas, Mgr., Aurora, Mo.  
Nov. 8—O. A. Homan, Mgr., Peabody, Kan.  
Nov. 11—J. R. Whisler, Watonga, Okla.  
Nov. 11—Retzlaff Bros., Walton, Neb.  
Nov. 12—H. C. Lookabaugh, Watonga, Okla.  
Nov. 12—S. A. Nelson & Sons, Malcolm, Neb.  
Sale at South Omaha, Neb.  
Nov. 14—L. H. Ernst and L. Lyell, Tecum-  
seh, Neb.  
Nov. 15—R. M. Young, Cook, Neb.  
Nov. 18—The Hebron Sales Pavilion Co.,  
Hebron, Neb. J. H. Barr, Sale Mgr.  
Nov. 21—Am. Shorthorn Breeders' Ass'n, at  
Kansas City.  
Nov. 23—H. H. Holmes and A. L. & D.  
Harris, at Kansas City.  
Dec. 5—Rogers & Bolcourt, Minden, Neb.  
Dec. 19—Ben Lyne, Oak Hill, Kan. Sale at  
Abilene, Kan.  
March 5—South West Nebraska Shorthorn  
Breeders' Ass'n, Cambridge, Neb. W. E.  
McKillop, Mgr.

## Jersey Cattle.

Oct. 23—Oliver & Doran, Topeka, Kan.

## Hereford Cattle.

Oct. 21—Kansas Hereford Breeders' Ass'n  
sale, F. H. Manning, Sec'y, Council Grove,  
Kan.  
Oct. 22—Miller & Manning, Council Grove,  
Kan.  
Oct. 23—W. I. Bowman & Co., Ness City,  
Kan. Sale at Hutchinson, Kan.  
Oct. 24—Sam Drysdale, Elk City, Kan.  
Oct. 25—W. J. Brown, Fall River, Kan.  
Oct. 26—Mora Valley Development Co., at  
Kansas City, Mo.  
Nov. 19—Robt. H. Hazlett, Eldorado, Kan.,  
at Kansas City.  
Nov. 22—Am. Hereford Breeders' Ass'n, at  
Kansas City.  
Nov. 23—J. O. Southard, Comiskey, Kan.  
Dec. 11—H. R. Wilson, Garrison, Ia.  
Dec. 22—C. F. Behrent, Norton, Kansas.

## Aberdeen Angus Cattle.

Nov. 1—Sutton & Porteous, Lawrence, Kan.

## Holstein Cattle.

Oct. 24—Gish & Smeltz, Enterprise, Kan.  
Oct. 31—Western Dairy Co., 218 South 5th  
St., St. Joseph, Mo. Sale at Lake Contrary.  
Nov. 1—Kansas Holstein-Friesian Associa-  
tion sale, Independence, Kan. W. H.  
Mott, Sales Mgr., Herington, Kan.  
Dec. 12—Wichita Holstein sale. Mgr., W. H.  
Mott, Herington, Kan.

## Poland China Hogs.

Oct. 23—Lapland Stock Farm, Lawrence, Kan.  
Oct. 25—Smith Bros., Superior, Neb.  
Oct. 25—V. O. Johnson, Aulene, Kan.  
Oct. 25—Geo. Brown, Tecumseh, Neb.  
Oct. 25—Hill & King, Topeka, Kan.  
Oct. 31—Adams & Mason, Gypsum, Kan.  
Nov. 1—Frank J. Rist, Humboldt, Neb.  
Nov. 1—Elmer Myers, Hutchinson, Kan.  
Nov. 2—H. E. Myers, Gardner, Kan.  
Nov. 4—H. Challis, Gypsum City, Kan.  
Nov. 4—M. C. Pollard, Carbondale, Kan.  
Nov. 11—Ed H. Brunner, Jewell, Kan., at  
Mankato, Kan.  
Nov. 12—J. Dee Shank, Mankato, Kan. Sale  
at Superior, Neb.  
Nov. 18—H. A. Welch, Red Oak, Okla.  
Dec. 19—Ben Lyne, Oak Hill, Kan. Sale at  
Abilene, Kan.

Jan. 31—J. J. Hartman, Elmo, Kan.  
Jan. 31—Adams & Mason, Gypsum, Kan.  
Feb. 1—H. E. Myers, Gardner, Kan.  
Feb. 1—J. H. Brown, Selden, Kan. Sale at  
Oberlin, Kan.  
Feb. 3—Con Forrel Bros., Chester, Neb.  
Feb. 4—W. E. Willey, Steele City, Neb.  
Feb. 5—Thos. F. Walker & Son, Alexandria,  
Neb.

Feb. 7—Willis & Blough, Emporia, Kan.  
Feb. 7—Frank J. Rist, Humboldt, Neb.  
Feb. 11—Otto A. Gloe, Martel, Neb.  
Feb. 11—B. Clemetson, Holton, Kan.  
Feb. 12—B. E. Ridgley, Pickering, Neb.  
Feb. 12—J. M. Barnett, Denison, Kan.  
Feb. 12—O. E. Wade, Rising City, Neb.  
Feb. 19—A. J. Erhart & Sons, Ness City,  
Kan. Sale at Hutchinson, Kan.  
Feb. 22—C. F. Behrent, Norton, Kansas.  
Feb. 25—Everett Hayes, Manhattan, Kan.  
Feb. 26—Clarence Dean, Weston, Mo., sale  
at Dearborn, Mo.

## Chester White Hogs.

Feb. 11—Arthur Mosse, Leavenworth, Kan.  
Feb. 27—Henry Murr, Tonganoxie, Kan.

## Duroc Jersey Hogs

Oct. 21—Kansas Breeders' Sale, Clay Center,  
Kan. W. W. Jones, Sec'y.  
Oct. 21—Dave Boesiger, Cortland, Neb.  
Oct. 22—Carl Day, Nora, Neb.  
Oct. 22—H. E. Labart, Overton, Neb.  
Oct. 23—Lapland Stock Farm, Lawrence, Kan.  
Nov. 2—Geo. M. Klusmire, Holton, Kan.  
Nov. 7—Lester Coad, Glen Elder, Kan.  
Nov. 7—F. J. Moser, Goff, Kan., at Sabetha,  
Kan.  
Nov. 8—F. E. Gwin & Sons, Morrowville,  
Kan. at Washington, Kan.  
Nov. 12—John C. Simon, Humboldt, Neb.  
Nov. 12—J. A. Bockenstette, Fairview, Kan.,  
at Hiawatha, Kan.  
Nov. 14—Flook Bros., Stanley, Kan.

Nov. 15—R. M. Young, Cook, Neb.  
Nov. 19—C. C. Dee, Tecumseh, Neb.  
Nov. 21—D. J. Ryan and R. E. Mather, Cen-  
tralia, Kan.  
Nov. 29—A. E. Sisco-O. H. Doerschlag,  
comb. sale, Topeka, Kan.  
Dec. 11—W. D. McComas, Wichita, Kan.  
Jan. 9—J. O. Bayne & Son, Aurora, Neb.  
Jan. 20—Theodore Foss, Sterling, Neb. (Night  
sale.)

Jan. 20—Dave Boesiger, Cortland, Neb.  
Jan. 21—C. C. Dee, Tecumseh, Neb.  
Jan. 21—J. T. Whalen & Son, Cortland, Neb.  
Night sale, at Lincoln, Neb.  
Jan. 22—Geo. Briggs & Son, Clay Center,  
Neb.  
Jan. 22—J. O. Honeycut, Marysville, Kan.  
Jan. 23—F. J. Moser, Goff, Kan., at Sabetha,  
Kan.

Jan. 23—Farley & Harney, Aurora, Neb.  
Jan. 24—H. D. Gelken, Cozad, Neb. Night  
sale, at Gothenburg, Neb.  
Jan. 24—H. E. Labart, Overton, Neb.  
Jan. 25—Proett Bros., Alexandria, Neb.  
Jan. 28—W. B. Huston, Americus, Kan.  
Jan. 28—H. W. Swartsley & Son, Riverdale,  
Neb.

Jan. 29—A. C. French, Lexington, Neb.  
Jan. 31—C. T. White, Lexington, Neb.  
Feb. 3—Ahrens Bros., Columbus, Neb.  
Feb. 3—D. L. Wallace (night sale), Rising  
City, Neb.  
Feb. 4—R. W. Widdle & Son, Genoa, Neb.  
Feb. 4—Guy Zimmerman, Morrowville, Kan.,  
at Fairbury, Neb.

Feb. 5—F. E. Gwin & Sons, Morrowville,  
Kan. at Washington, Kan.  
Feb. 6—Lester Coad, Glen Elder, Kan.  
Feb. 7—L. L. Humes, Glen Elder, Kan.  
Feb. 7—A. L. Wyllie & Son, Clay Center,  
Kan.

Feb. 12—Earl Babcock, Fairbury, Neb.  
Feb. 12—W. A. Williams, Marlow, Okla.  
Feb. 13—Milton Poland, Sabetha, Kan.  
Feb. 13—C. B. Clark, Thompson, Neb.  
Feb. 17—Combination sale, Clay Center, Kan.  
W. W. Jones, Mgr.

Feb. 17—R. E. Steele, Falls City, Neb.  
Feb. 18—E. P. Flanagan, Chapman, Kan.  
Feb. 18—John C. Simon, Humboldt, Neb.  
Feb. 19—T. P. Moren, Johnson, Neb.  
Feb. 19—John W. Jones, Minneapolis, Kan.,  
at Salina, Kan.

Feb. 20—B. R. Anderson, McPherson, Kan.  
Feb. 21—J. W. Pettford, Saffordville, at Em-  
poria.

Feb. 21—Mott Bros., Herington, Kan.  
Feb. 27—A. J. Turinsky, Barnes, Kan.  
Feb. 27—W. W. Otey & Son, Winfield, Kan.  
Feb. 28—R. E. Mather, Centuria, Kan.  
Mch. 5—W. H. Schroyer, Miltonvale, Kan.  
Mch. 7—J. A. Bockenstette, Fairview, Kan.,  
at Hiawatha, Kan.

## Hampshire Hogs.

Feb. 3—Lindgren & Nider, Jansen, Neb.  
Sale at Fairbury, Neb.  
Feb. 28—Carl Schroeder, Avoca, Neb. Sale  
at Nebraska City, Neb.

## S. W. Kansas and Oklahoma

BY A. B. HUNTER

Duroc Jersey boar pigs of the large type,  
and sired by the 1,000 pound King's Col. I  
Am, and the \$3,000 King's Col. Jr., are ad-  
vertised in this issue for sale by G. M.  
Shepherd, Lyons, Kan. The dams of these  
boars are all big sows weighing up to 800  
pounds.—Advertisement.

**Salter and Robison Shorthorn Sale.**  
Park E. Salter, Wichita, Kan., and J. C.  
Robison, Towanda, Kan., will sell at the

## 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.

## OKLAHOMA

**160 ACRES**  
Near good town this county. Fair imp.  
125 a. bottom land cult. \$30 per a.  
**SOUTHERN REALTY CO.,**  
McAlester, Okla.

**560 ACRES** farm land in Harper Co., Okla.,  
to exchange for garage building or good  
rental. Owner's sons in service and cannot  
farm. Will bear inspection. Do not offer  
junk.  
**The Pratt Abstract & Inv. Co., Pratt, Kan.**

## COLORADO

**COME TO Eastern Colorado** where good  
land is yet cheap. Good water, fine cli-  
mate, good crops, fine stock country. Write  
for list.  
**W. T. S. Brown, Seibert, Colorado.**

**320 ACRES** Kiowa Valley land, 2 miles from  
town and high school, on main road.  
Every foot tillable; about 300 acres now  
broken; 3-room house; good outbuildings;  
well fenced. \$47.50 per acre. Terms.  
**REYNOLDS, COVEY & REYNOLDS,**  
625 Exchange Building, Denver, Colo.

## MONTANA

**MONTANA The Judith Basin**  
offers exceptional opportunities  
to the farmer, stockman and investor. Surveys by ordinary farm-  
ing methods. Harvest every year—not once in awhile. No irriga-  
tion, splendid climate, excellent water, good markets. You can do  
better in the Judith Basin. Buy direct from the owners. Prices  
lowest; terms easiest. Free information and prices sent on request.  
Address **THE COOK-REYNOLDS CO., Box K-1405, Lewistown, Montana.**

## SALE OR EXCHANGE

**EXCHANGE BOOK, 1000 farms, etc. Trades**  
everywhere. **Graham Bros., El Dorado, Kan.**

**FOR SALE OR TRADE** 160 acres unimproved  
land near Albuquerque, New Mexico. Price  
\$20 acre. **D. D. Walker, Parsons, Kan.**

**FOR SALE** 80 acre farm all in cultivation,  
all to be put in wheat. Sell or trade.  
**O. C. Paxson, Meriden, Kan.**

**FOR SALE AND EXCHANGE** Northwest  
Missouri farms; the greatest corn belt in  
the United States. Also western ranches.  
Advise what you have.  
**M. E. Noble & Co., St. Joseph, Mo.**

## BARGAINS IN REAL ESTATE

Dealers whose advertisements appear in this paper are thoroly reliable

## Special Notice

All advertising copy  
discontinuance or  
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 to be effective in that  
issue. All forms in this department of the paper  
close at that time and it is impossible to make  
any changes in the pages after they are electrolyzed.

**FOR BARGAINS** in land, write, Triplett  
Land Co., Garnett, Kan.

**IMP. 80, Eastern Kan.,** for sale cheap. Good  
terms. **Clark Realty Co., Garnett, Kan.**

**FOR SALE**—All kinds of farms in N. E.  
Kan. Send for printed list. **Silas D. War-  
ner, 727½ Commercial St., Atchison, Kan.**

**FOR FARM LANDS** in the fine farming  
Neosho Valley, write or see  
**S. M. Bell, Americus, Kan.**

**CORN, WHEAT** and alfalfa lands and stock  
farms at bargain prices. Write for list.  
**S. L. Karr, Council Grove, Kan.**

**160 A., new imp., 70 cult., bal. pasture, \$50**  
a. Good bargain.  
**Severns & Hettick, Williamsburg, Kan.**

**IMPROVED 160, \$1,000 down, balance 6%.**  
Price, \$52.50 per a.  
**E. H. Fast, Burlingame, Kan.**

**605 A. RANCH, 100 a. bottom, 400 a. fine**  
meadow. Well watered near R. R. town.  
Price \$40. **L. S. Hoover, Eureka, Kan.**

**I HAVE** some of the best farms in Kansas  
on my list. Write me what you want.  
**Andrew Burger, Burlington, Kan.**

**640 A. wheat** and stock ranch, 4 mi. Utica,  
main road. Good level soil. \$7,000. Imp.  
Bargain \$27.50 per a. Terms.  
**Fouquet Brothers, Ransom, Kan.**

**80 ACRES** 2½ mi. town, improved, ml.  
school, 70 cultivation, \$45 acre, \$1,200  
handle. 80 acres improved, ml. town, school,  
\$60 acre, \$2,000 handle.  
**P. H. Atchison, Waverly, 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 In-  
vestment Co., Iola, Kan.**

**FINE 160 river bottom, \$6,000 crop this**  
year, \$100 per acre; 360 good upland, well  
improved, \$50 per acre; choice 80, well lo-  
cated, \$90 per acre. Write for list.  
**T. B. Godsey, Emporia, Kan.**

**WOULD LIKE** to locate 300 good families in  
Wallace county, Kansas, for general farm  
and stock raising, land paying for itself one  
to five times this year. Write for what  
you want.  
**A. H. Wilson, Sharon Springs, Kan.**

**COFFEY COUNTY FARMS, 120 acres, \$75**  
per acre. 80, at \$65; 160, at \$65; 80, at  
\$60; 240, at \$65. Good farms, well located.  
Write for description and terms.  
**A. J. SANDERS,**  
Halls Summit, Kan.

**FOR SALE**—80 acres of creek bottom, highly  
improved, near Emporia, Kan. Near school,  
plenty water, good shade, best home for the  
money in Lyon county. Price \$10,000. Have  
all sizes of farms and ranches for sale. Write  
**STAATS & HEDRICK,**  
Emporia, Kan.

**NORTHEAST KANSAS BARGAIN**  
160 acres, 5 miles McLouth, splendid new  
7 room house, new barn, land smooth and  
all tillable, nice location. Price \$75 per acre.  
Send for new list of fifty northeast Kansas  
bargains. **W. M. Pennington, McLouth, Jef-  
ferson Co., Kan.**

**CHASE COUNTY STOCK RANCH**  
Square section, 8 miles railroad, 80 acres  
cultivated, balance bluestem grazing land,  
nice stream, timber, fine water, good build-  
ings. Fine for the stockman. Price \$32,000.  
Liberal terms.  
**J. E. Bocook & Son, Cottonwood Falls, Kan.**

**300 ACRES, 8 miles Ottawa; 2 miles town;**  
fine large improvements, scales, etc. Fine  
water supply; 15 acres timber, 100 blue  
grass; 200 rich bottom land. Owner wishes  
to retire. Write for full description of any  
sized tract; free descriptive booklet mailed.  
**MANSELD LAND & LOAN CO.,**  
Ottawa, Kan.

**80 ACRES, 2 miles of Ottawa, lays well, fair**  
improvements, \$7,600. 180, ¼ mile high  
school, good land, strictly modern house,  
gas, water and electricity, finished white  
oak including floors. Best farm house in  
county, cost \$10,000. \$100 per acre, immedi-  
ate possession. Write for descriptive cir-  
cular of other bargains.  
**DICKEY LAND CO.,**  
Ottawa, Kan.

**LANE COUNTY, KANSAS**  
Write me for prices on wheat and alf-  
alfa, farms and ranches. \$10 to \$25 per  
acre.  
**W. V. Young, Dighton, Kan.**

**160 Acres for \$3200**  
Near Wellington; improved; good loam  
soil; 70 wheat, 25 alfalfa, 35 past, 20 hay;  
poss.; only \$9,600. \$3,200 cash, \$600 year.  
**R. M. MILLS,**  
Schweitzer Bldg., Wichita, Kan.

**NESS CO. KANSAS LANDS**  
Good wheat, alfalfa and ranch lands at  
from \$10 to \$25 per acre. Write for price  
list, county map and literature.  
**FLOYD & FLOYD,**  
Ness City, Kansas.

**400 A. WHEAT LAND**  
Harper county, Kansas. 6¼ miles north-  
east Anthony. Good tenant improvements.  
300 acres in cultivation, is practically all  
rich, deep, producing soil. 100 acres high  
class grass land, good neighborhood and can  
sell on good terms. Price \$42.50 per acre.  
**Couch Land Co., Anthony, Kansas.**

**NESS COUNTY WHEAT LAND**  
480 acres located 5¼ miles from Ness City.  
All good smooth land, well and wind mill,  
barn for 10 head of stock, 60 acres in cul-  
tivation, can all be farmed. Price, \$30 per  
acre. Write for list and county map.  
**GEO. P. LOHNES,**  
Ness City, Kan.

**1840 ACRES IMPROVED**  
\$12.50 per acre—¼ cash  
Bal. easy terms 6%. Six miles from town.  
Combined farm and ranch. Possession im-  
mediately. If you want a bargain act quick.  
No trades. Write owners.  
**GRIFFITH & BAUGHMAN,**  
Liberal, Kan.

**FOR TRADE**—Livery and feed barn 100x50  
ft., good repair, seven room residence on  
adjoining lots. Electric lights, city water  
in both. Rents for \$42 month, \$6,000. Mtg.,  
\$1,800. Want western land. 160, Gray Co.,  
\$3,500; Mtg., \$1,600. Want good car, carry  
difference. 40 a. Ford Co., all in wheat,  
\$75 a. Mtg., \$1,000. Want clear western  
land. **E. W. Moore, Spearville, Kan.**

**120 ACRES** Franklin County, Kansas. 3¼  
miles good railroad town; 35 acres pas-  
ture; 50 acres sowing to wheat now; 5 acres  
alfalfa; remainder cultivation; good house,  
barn and other out buildings; plenty of  
water with windmill; close to church. Price  
\$75 per acre. \$2,000 or more cash, remainder  
long time 6%, if wanted.  
**Casida & Clark Land Co., Ottawa, Kan.**

**CHEAP GRASS, 640 acre farm, small im-**  
provements, \$12.50 per acre. Controls  
about 5,000 acres of fine Buffalo grass, land  
adjoining can be leased cheap. Also about  
1,600 acres Buffalo grass pasture, fenced,  
with running water, leased at 10 cents per  
acre, on corner is 55 acres of ground, includ-  
ing inland store, post office, cream business,  
residence, store building. \$2,500 stock of  
merchandise. All for \$5,500. No trade.  
**J. B. CRAMER,**  
Dighton, Kan.

**FOR SALE**—275 acre farm in Woodson  
county, Kansas, 7 miles northwest of Hum-  
boldt, two miles from railroad, 200 acres  
under plow, one hundred acres second bot-  
tom, balance pasture, rolling upland. All  
good soil, balance pasture, good buildings,  
best of water, ground suitable for clover or  
alfalfa. This year's crop \$4,000. Improved  
oil and gas territory. For quick sale \$15,000.  
Also have one Bate Steel Mule tractor for  
sale, in first class condition.  
**C. W. GRIFFIN,**  
Chanute, Kan.

## MISSOURI

**OUR BIG** new list for the asking. **Amoret**  
Realty Co., Amoret, Mo.

**BATES AND CASS CO., MO.,** improved farm  
bargains, all sizes. **Duke, Adrian, Mo.**

**REAL BARGAINS** in Mo. farms; write for  
illustrated booklet, and list.  
**R. L. Presson, Bolivar, Mo.**

**FOLK CO.,** real bargains, in grain, stock,  
clover farms with fine flowing springs.  
**W. M. Fellers, Flemington, Mo.**

**FOR stock** and grain farms, Southwest Mis-  
souri; pure spring water.  
**J. E. Loy, Flemington, Mo.**

**EIGHTY A.** bottom farm improved, \$1,200.  
Other bargains. Best of terms.  
**W. D. Blankenship, Buffalo, Mo.**

**STOP! LISTEN!** 80 acre part valley farm,  
\$3,500. Well improved; 40 acre farm \$850.  
Free list. **McGrath, Mountain View, 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.**

**115 A., 100 a. fine bottom land, 90 a. cult.,**  
16 a. alfalfa, bal. corn, all fenced, 4 r.  
house, fair barn, 3 mi. county seat on Sugar  
creek. Price \$7,500. Terms. Write  
**Sherman Brown, Fineville, McDonald Co., Mo.**

**ATTENTION FARMERS!**  
Do you want a home in a mild, healthy,  
climate, where the grazing season is long,  
the feeding season short, waters pure, soils  
productive? Good improved farms for from  
\$30 to \$50 acre. Write  
**FRANK M. HAMEL,**  
Marshfield, Mo.

**500 ACRE MISSOURI FARM BARGAIN**  
Non-resident owner says sell 500 acres 100  
miles So. K. C.; school on farm; town close;  
100 a. corn, 85 wheat, 35 oats, 20 mow land,  
balance timber and pasture, 2 big red barns,  
silo, 9-room house; 3 a. orchard; 2 wind-  
mills; good water. Price \$40 per acre. Pic-  
ture and plat free. This is a good one.  
Township map Missouri, 20c postpaid. Let's  
get acquainted. **Lott, "The Land Man," 505**  
**Finance Bldg., Kansas City, Mo.**

**249 A.—MISSOURI—BIG CROPS**  
249 a. Bates Co., Mo. 70 ml. south Kan-  
sas City, 1 ml. R. R. station; 50 a. wheat;  
40 corn; 12 alfalfa; 60 blue grass; balance  
timothy. Orchard, 160 hog tight, 9 r. house,  
big barns, concrete silo. Best water. Pos-  
session. Price \$85 per a. Good terms.  
Photos free. Men, here is a good one, rich-  
est soil. Big list free. Let's get acquainted.  
Township map Mo. or Kan. 20c postpaid.  
Lott, "The Land Man," 505 Finance Bldg.,  
Kansas City, Mo.

## MISSISSIPPI

**\$100 AN ACRE DOWN,** balance long time.  
Mississippi Gulf Coast, the poor man's op-  
portunity. Mild climate, good soil, home  
markets. Free literature. Desk A. W. T.  
Smith, Owner, 227 City Nat'l Bk. Omaha, Neb.

## FARM LANDS.

**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.**





**"My, what a relief!"**

**T**HAT rheumatic twinge doesn't bother you long after you've had the aching part bathed with the old standby—Sloan's Liniment. You just put a little on—it doesn't stain the skin—gently pat it, and it penetrates, sending a warm, soothing glow through the tortured part.

It stands alone in promoting quick relief from after-effects of exposure, lumbago, sciatica, muscle and joint strains, pain strains, and stiffness, neuralgia, bruises. There's a successful record of 37 years back of Sloan's Liniment.

Keep a big bottle ready for use—it may be any minute. The big bottle holds six times as much as the small one, so get the most for your money.

**Sloan's**  
Liniment  
Kills Pain

**SAVE ON TIRES**

Guaranteed Casings and Tubes Any Make—At Factory Prices

Not Seconds. Fresh live stock with serial numbers and factory guarantees for 8,000 miles in Pennsylvania Vacuum Cup, Good-year, Firestone, National Highway, Etc. Don't pay high prices—order from us—saves from 15 to 40 per cent. Defective puncture proof tubes guaranteed 6,000 miles or a new tube free.

Nat'l Highway	Non-Skid	Tubes	Puncture Proof
30x3	\$11.35	\$2.45	\$5.25
32x3 1/2	14.75	2.75	6.00
32x3 3/4	17.45	3.20	6.70
31x4	22.95	3.85	8.00
32x4	23.50	3.95	8.20
34x4	25.10	4.20	8.80

Order National Highway from above prices, C. O. D. subject to examination. 2% off for cash with order. Advances probable—order now. Write for prices on Goodyear, Pennsylvania and other makes.

**A. H. JENNINGS & SONS,**  
1806 N. 7th Street, Kansas City, Kas.

**WONDERFUL PHONOGRAPH GIVEN TO YOU**



The latest improvement—without the horn. The lightest, most durable and compact practical phonograph ever produced. It is beautifully finished, tone arm black japanned, nickel winding crank, accurate spring motor, which plays 2 to 3 records at one winding, speed regulator, stop lever and felt covered turn-table. New improved sound box with mica diaphragm, which makes perfect reproductions of all kinds of music—band pieces, talking pieces, instrumental, orchestra, vocal, etc., in a marvelous manner. **PLAYS ANY DISC RECORD** Up to 7 inches, and plays them properly. This machine is simply wonderful—not to be compared with any other of this kind. Will give you more entertainment than anything you ever owned. Every Machine Regulated and Tested before it leaves the factory and guaranteed in every way. A real phonograph, not a toy, yet small and light enough to be carried to camps, excursions, etc. Gives a clearness and volume of tone not surpassed by most high-priced instruments, and **SEND NO MONEY** you can obtain it without cost. Just your name, and we will send you 24 of our Art Pictures to dispose of on special offer at 25c each. Send us the \$8 you collect and for your trouble we will send this new improved E. D. L. Phonograph and a selection of 6 records, free for your trouble. You can dispose of pictures and earn this great machine in a few hours. **E. D. L. LIFE, 337 W. Madison St. 7123 Chicago**

**INDOOR TOILET**  
Sanitary and Odorless on ten days

**FREE TRIAL**

No Money Down—No Deposit No more outside back yard inconveniences. No chambers to empty. No sewer or cesspool. Chemical process dissolves human waste in water. No trouble. Kills disease germs. Prevents flies, filth and bad odors of outhouse. A real necessity for old, young or invalids. Preserves health.

**Costs 1 Cent a Week to Operate per Person.** Place in any room, hall or closet. No trouble to install. Guaranteed sanitary and odorless. Endorsed by thousands of users, doctors, sanitary experts, health boards, etc. **AGENTS WANTED.**

**Kaw-Near Cabinet Co.**  
688 Kawnear Bldg., 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 free if you send us two 3-months' subscriptions to the Household at 10 cents each. Magazine contains from 20 to 32 pages of stories and departments monthly. Address **HOUSEHOLD, Dept. B-14, Topeka, Kansas**

**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.**

Wichita Forum sale pavilion, Wichita, Kan., 100 Shorthorns, Thursday and Friday, October 24 and 25. Mr. Salter sells 50 Shorthorns October 24, and Mr. Robison 50 head October 25. No Shorthorn breeder who wants foundation stock or a herd bull should miss this great sale. Come early and look over the offering before the sale starts.—Advertisement.

**Poland Chinas at Hutchinson.**

Elmer M. Myers, Hutchinson, Kan., will sell at Hutchinson State Fair grounds pavilion Friday, Nov. 1, 50 large type Poland Chinas, consisting of four tried sows, five fall yearling gilts and 20 spring gilts; also 20 spring boars and the great herd boar, Jumbo Bob, by Big Bob Wonder. This is a valuable offering from which to select breeding stock. They have been bred and fed with view of producing the kind that make good in future usefulness. Please turn to display advertisement and note their blood lines. Write today for catalog and arrange to attend. Please mention Farmers Mail and Breeze.—Advertisement.

**Whisler Shorthorns Nov. 11.**

J. R. Whisler, Watonga, Okla., will sell 50 Shorthorns at auction at Watonga, Okla., Monday, November 11. This will be one of the excellent sale offerings of the season, consisting of 40 cows and heifers and 10 bulls. An unusual number of these cows either have calf at foot or are showing heavy. These calves are sired by such sires as Baron Avondale, Ardmore's Choice and Choice Goods 509585, by Clan Alpin 2nd; Baron Avondale, by the noted Avondale, and out of Lady Augusta 74530, and whose get are known for their excellence, will also sell in this sale. Do not fail to read display advertising this issue and write today for catalog, mentioning Farmers Mail and Breeze.—Advertisement.

**Johnson Sells Poland Chinas.**

V. O. Johnson, Aulne, Kan., will sell at auction at his fashionable stock place pavilion, Aulne, Kan., Monday, October 28, 60 fashionably bred large type Poland Chinas, consisting of 15 boars and 45 choice gilts, featuring the get of Big Wonder 281923, by the celebrated Big Bob Wonder. Among the other good things will be boars and gilts out of top sows purchased in last winter's sales. Included among these will be sons and daughters of Eckhardt's Belmont Buster, Wagner's Bestdale Jones, Leonard's Big Jones, Caldwell's Big Bob, A Wonderful King, Big Bob Wonder, Walter's Jumbo Timm, McCord Bros., Sooner Wonder and Harry Myers' Giant Joe. Do not miss this sale if you want good things in the Poland China line. Write for catalog, mentioning Farmers Mail and Breeze.—Advertisement.

**Shorthorn Sale at Peabody, Kan.**

Consignments from the leading Shorthorn herds in the vicinity of Peabody, Kan., consisting of 70 selected Shorthorns will be sold at auction, Friday, November 3, under the management of O. A. Homan, Peabody, Kan. The consignors are Park E. Salter, John Regier, M. S. Converse, B. L. Taylor, Homan & Sons, F. P. Wilson, J. R. Eley and A. J. Dale. The offering will consist of 50 cows and heifers and 20 bulls. Twenty of the females are choice young heifers mostly roans. The breeder who wishes Scotch breeding stock will find in this sale a number of choice Scotch females, also Scotch herd bull prospects. The farmer and beginning breeder will also find here plenty of good Scotch topped breeding females and young bulls to head their herds. This sale has been planned and consignments made by the above breeders largely for the purpose of advertising their herds and to give buyers a chance to purchase the kind of cattle most suited to their wants. Write for catalog today, to O. A. Homan, Peabody, Kan. Mention Farmers Mail and Breeze.—Advertisement.

**Lookabaugh's Shorthorn Sale.**

H. C. Lookabaugh, Watonga, Okla., will sell at auction, Tuesday, November 12, 75 Shorthorns. Five Scotch bulls, every one a bull that is capable of putting some man in the fore front as a breeder. Included will be one son of Fair Acres Sultan, one son of the International grand champion, Village Supreme, one by Pride of the Dale, and out of Susan 6th by Geronimus Archer, another line bred Villager, by Villager, and still another, an imported roan by Douglass Brilliant and of the Rosewood family. Twenty Scotch females also sell, among which are two daughters of the illustrious Fair Acres Sultan. This is a sale that no breeder in the west can afford to miss and any eastern or northern breeder will find here cattle to grace his herd. Mr. Lookabaugh is putting in this sale also 50 reliable and profitable females besides these breeder attractions. There will be Shorthorns for all, cows and heifers with calf at foot and other line bred Villagers, by Villager, and Pleasant Valley Stock Farm. Included will be 15 bred heifers and five selected heifer calves for the boys and girls calf club. A banquet will be held the evening before the sale. At 11 o'clock the morning of the sale, there will be a demonstration on the value of a sire, and Prof. Coehel and a number of prominent breeders will talk. You are invited. Send your name today for illustrated catalog, mentioning Farmers Mail and Breeze.—Advertisement.

**N. Kan. and S. Neb. and Iowa**

BY JOHN W. JOHNSON.

Spring Poland China boars sired by Bob's Model, which weigh 750 pounds at 18 months, are for sale by A. L. Albright, of Waterville, Kan. Mr. Albright also has for sale three big fall boars by Jumbo King, and weigh 250 pounds each.—Advertisement.

Geo. A. Hammond, Smith Center, Kan., is a breeder of high class Hampshire hogs. He has been one of the heaviest buyers of choice bred sows in the bred sow sales the last two winters. Corn is scarce out his way and he is very anxious to sell. He has a lot of spring boars and gilts and a nice lot of tried sows that he will sell very reasonably. Write him at once. Look up his advertisement in this issue.—Advertisement.

N. M. Ballor & Son, Allen, Kan., start their advertisement again in this issue of the Farmers Mail and Breeze. The Ballors breed the best in big type Poland Chinas and have for sale a choice lot of spring boars and some open gilts of the same age and breeding. You can't do better than write them if you want something good and at fair prices. They also have a nice lot of fall pigs they will sell in pairs and trios not related.—Advertisement.

H. C. Graner, Lancaster, Kan., Atchison county, will sell Shorthorn cattle and Poland China hogs at his farm three miles north-

west of Lancaster, Nov. 6. The sale is advertised in this issue of the Farmers Mail and Breeze. It appeared last week and for an earlier date but because of the prevalence of influenza it was decided to postpone it until Nov. 6. Look up the advertisement and plan to attend this sale. It is election day but you can vote early and go to the sale.—Advertisement.

A. J. Hanna, Burlingame, Kan., is a well known Duroc Jersey breeder who is starting his advertisement in this issue of the Farmers Mail and Breeze in which he offers very

choice spring boars. These boars have been carefully grown and combine blood lines and individual merit to a remarkable degree. If you are looking for an outstanding white boar prospect you can't do better than write Mr. Hanna about these boars. He will be pleased to give you full particulars about the breeding and prices. Look up his advertisement and write him tonight.—Advertisement.

This is the last call for the "All Star" Duroc Jersey boar sale at Clay Center, Kan., next Monday, Oct. 21. Twenty-eight herds have consigned two boars each to make this

## 31 OCTOBER 31 THE LAST DAY



**CLUB G**  
**Capper's Weekly**  
(52 Issues)  
**Household**  
(12 Issues)  
**Mo. Valley Farmer**  
(12 Issues)  
**Our Special Price**  
**75¢**  
After Oct. 31 this club will cost you \$1.25



November 1, next, the subscription price of Capper's Weekly goes from 50 cents to \$1.00 a year. For this reason we are compelled to limit these club offers to midnight October 31. Fill in the coupon below and mail at once and save money.

### SPECIAL CLUB H

Capper's Weekly	.....\$ .50
Home Life	.....\$ .35
Household	.....\$ .25
Gentlewoman	.....\$ .20
<b>Total Value</b>	<b>.....\$1.30</b>
<b>Our Special Price</b>	<b>.....\$1.00</b>
After October 31, this Club will cost you \$1.50.	

### CLUB I.

Capper's Weekly	.....\$ .50
Household	.....\$ .25
Woman's World	.....\$ .50
People's Popular Mo.	.....\$ .25
<b>Total Value</b>	<b>.....\$1.50</b>
<b>Our Special Price</b>	<b>.....\$1.15</b>
After October 31, this Club will cost you \$1.65.	

### CLUB K.

Capper's Weekly	.....\$ .50
McCall's Magazine	.....\$ 1.00
Household	.....\$ .25
Gentlewoman	.....\$ .20
<b>Total Value</b>	<b>.....\$1.95</b>
<b>Our Special Price</b>	<b>.....\$1.50</b>
After October 31, this club will cost you \$2.00.	

### CLUB J.

Capper's Weekly	.....\$ .50
People's Home Journal	.....\$ .75
Home Life	.....\$ .35
Household	.....\$ .25
<b>Total Value</b>	<b>.....\$1.85</b>
<b>Our Special Price</b>	<b>.....\$1.40</b>
After October 31, this Club will cost you \$1.90.	

### CLUB L.

Capper's Weekly	.....\$ .50
Modern Priscilla	.....\$ 1.50
People's Popular Monthly	.....\$ .25
Household	.....\$ .25
<b>Total Value</b>	<b>.....\$2.50</b>
<b>Our Special Price</b>	<b>.....\$1.90</b>
After October 31, this club will cost you \$2.40.	

**The Household** is the magazine women are talking about everywhere. It combines the notable features of all the best high-priced Women's magazines, and in addition has the heart to heart relationship between editors and readers which causes thousands of women to say The Household is the best woman's magazine at any price.

**Missouri Valley Farmer** is recognized as the best agricultural and livestock paper in the country, published monthly. It contains from 20 to 36 pages of good sound common sense ideas on general farm crops, gardening, fruit growing and poultry culture.

**SPECIAL NOTICE** If you do not find your favorite magazine in clubs listed, 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.

These Offers Good to October 31, Only (10-12-18)

Capper's Weekly,  
Topeka, Kansas.  
Gentlemen—Enclosed find \$..... for which please send me the publication mentioned in Club ..... all for the term of one year, as per your special offer good to November 1st.

Name .....

Postoffice .....

R. F. D. .... Box ..... State .....



## LIVESTOCK AUCTIONEERS.

**Jas. T. McCulloch, Clay Center, Kan.**  
My reputation is built upon the service you receive. Write, phone or wire.

**HOMER T. RULE**  
LIVESTOCK AUCTIONEER. Write or wire for dates.  
REFERENCES: Mail & Breeze, Fieldman  
and breeders for whom I have sold.  
**HOMER T. RULE, OTTAWA, KANSAS**

## SHEEP.

**FOR SALE** 5,000 choice young ewes. Shear eleven pounds.  
**TAYLOR & SHERMAN, HOLLY, COLO.**

**SHEEP** for sale—good breeding. Ewes, also ewe lambs. About 200 wether lambs. Will sell in any quantity.  
**ELDER BROS., DOUGLASS, KANSAS**

**SHROPSHIRE RAMS** 3 yearlings and 2 spring lambs eligible to registry.  
**W. C. CURRY, ELMONT, KANSAS.**

**HAMPSHIRE SHEEP** A few extra good ram lambs for sale. M. SHIVES, RFD 1, Iuka, Kan.

**Registered Shropshire Yearling Ewes** bred to high qualified imported sires. Also yearling rams. Prices reasonable. **E. S. LEONARD, Corning, Ia.**

## FOR SALE

A bunch of good big registered Shropshire bucks not high in price. Also registered ewes.  
**Howard Chandler, Charlton, Iowa**

**SHEEP** { Shropshire  
REGISTERED { Hampshire  
Southdown  
Best of breeding. The oldest and largest flocks in Kansas. One or a car load. See me at all the big shows.  
**F. B. Cornell, Nickerson, Kansas**

**300 Western Ewes**  
bred to Shropshire rams, for sale. All clean and healthy. Price \$12.50 per head. In numbers to suit purchaser.  
**E. L. Jewett & Son, Burlington, Kan.**

**Registered Shropshire Rams**  
We will make a special sale on rams for 30 days only. One and 2-year-olds at \$40, sheared 12½ pounds of wool. Also large ram lambs at \$30. For reference, Harveyville State Bank.  
**J. R. TURNER & SON, HARVEYVILLE, KANSAS**  
Farm 3 miles north of town.

## HAMPSHIRE HOGS.

**Hampshires on Approval** Fall gilts, bred and a few fall boars. Spring boars and gilts. Just good ones for sale. The rest went to market.  
**F. B. Wempe, Frankfort, Kansas**

**MESSINGER BOY BREED**  
Service boars. Spring boars and gilts. Weanling pigs.  
**F. T. Howell, Frankfort, Kansas.**

**Scudder Bros. Hampshires**  
Noblest, easy keeping, quick maturing, the kind that fatten and raise large litters. Natural rustlers and the best breed of hogs in the world. Fashionable breeding. Cholera insured. Write.  
**SCUDDER BROS., DONIPHAN, NEBRASKA**

**SHAW'S HAMPSHIRE**  
200 head Messenger Boy breeding. Bred sows and gilts, service boars, fall pigs, all immune, satisfaction guaranteed. **WALTER SHAW, R. 6, Phone 3916, Derby, Kan. WICHITA, KAN.**

**SPECIAL IN HAMPSHIRE**  
The tops from 130 spring boars and gilts. The second tops at bargain prices. A few choice third sows. Drouth prices on everything. **Geo. A. Hammond, Smith Center, Kan.**

**BUCK'S HAMPSHIRE**  
They fatten and raise large litters. Special prices on boars, sows and gilts to farrow this fall. Let me start you in the Hampshire business with a good boar and a few gilts or to mate with him.  
125 head from which to select.  
Best of blood lines, such as Messenger Boy, Look out, and other hogs will please you. So will the prices.  
**C. I. BUCK, CANTON, OKLA.**

**HAMPSHIRE PRIVATE SALE**  
7 good October yearling boars. 20 March boars. 20 March gilts. A few choice fall yearling gilts. All Messenger breeding and the gilts bred to a son of the grand champion Senator, or open. All are well grown and well belted. Prices reasonable.  
**OLSON BROS., ASSARIA, KANSAS**  
12 miles south of Salina.

the greatest boar sale ever held in Kansas. You can get the boar you want in this sale and the breeding you want. It will be the place to be if you want a herd boar. Remember 50 boars will be sold. All consignors are members of the big Kansas Duroc Jersey Breeders' association. Stop at the Bonham hotel in Clay Center and meet the breeders over the state.—Advertisement.

**H. L. Knisely, Talmage, Kan., Dickinson county,** who is well known to Farmers Mail and Breeze readers as the Angora cattle breeder there who advertises surplus stock every fall and winter, has started his advertisement in this issue. Because of both the feed and help situation he is compelled to sell off a lot of his breeding stock, including a number of fine young bulls of serviceable ages, some choice heifers and breeding cows and calves. Write him at once if you want registered Angus cattle that are right in every way. He is about 10 miles north of Abilene and you can drive from there to his farm.—Advertisement.

**B. R. Thompson's** sale of registered Jersey cattle at Garrison, Kan., last Wednesday, was a success in every way. A nice crowd of farmers and Jersey cattle breeders attended. The average on the 11 mature cows was \$182.72. Eleven heifers, some of them just calves a few weeks old and none over yearlings, averaged \$72.86. The general average on females was \$128. The herd bull, Mermaid's Owl, was a big bargain at \$95. He went to Ed. Taylor, Keats, Kan., and should have brought several times that amount. It was a good sale and while the offering was good the prices received were very good and satisfactory to Mr. Thompson.—Advertisement.

The 50 Holsteins sold at auction by Everett Hayes, Manhattan, Kan., last Tuesday brought over \$7,000. The average on the 50 head was \$143. Forty-one head averaged \$162.50. Included in this number were 13 registered animals, several of which were calves. Three registered cows brought \$275 each and went to Albert Kramer, Herkimer, Kan.; J. C. Harner, Blue Rapids, Kan., and Geo. Herrin, Manhattan. The high grade cows and heifers sold well and deserved to sell well as they were an excellent lot. The top grade cow sold for \$235 and went to J. J. Orr, Manhattan, who also bought the next highest priced grade cow at \$225. He was a good buyer. F. E. Fisher, Wilson, Kan., was also a good buyer.—Advertisement.

## Ward Bros. Offer Durocs.

**Ward Bros.,** the veteran Duroc Jersey breeders located at Republic, Kan., start advertising in this issue. They have for sale 20 picked spring boars sired by Joe Orton 6th and Joe Orton 5th and Col. King, a good son of King's Col. These boars are immune and big growthy fellows, the type the Ward Bros. always raise. They also offer for sale two herd boars, one of them a son of Pathfinder, and one son of King's Col. When writing for a boar please mention Farmers Mail and Breeze.—Advertisement.

## Holstein Sale Postponed.

The Holstein-Pritchard sale of high class registered Holstein cattle at the new sale pavilion, fair grounds, Topeka, Kan., which was to have been held there Oct. 16, has been postponed until Monday, Oct. 21. This postponement was made necessary because of the prevalence of influenza. The sale will positively be held at the fair grounds, Topeka, on Oct. 21. Preserve your catalog and come. It is one of the greatest opportunities of recent times to buy the best of the Holstein-Friesian breed.—Advertisement.

## Enterprise Holstein Dispersion Sale.

**Gish & Smeltz, Enterprise, Kan.,** whose dispersion of 55 Holsteins will be held at Wildwood Farm, near Enterprise, Kan., October 24, offers a good chance to buyers who want proven dairy cattle. Most of these cows are now in milk and ready to work right now for the buyer. They are the Holstein type, large udders and good milkers. They are by good sires and bred to good bulls. If you want either milk cows or young heifers you will find them here. There will be 15 bred heifers and a few heifer calves and 15 registered Duroc sows and gilts.—Advertisement.

## The Week of Herefords.

Following the two days of Hereford auctions at Council Grove, Kan., October 21 and 22, the balance of the week will be occupied by Hereford sales as follows: **W. I. Bowman & Co.,** at Ness City, Kan., selling at the State Fair Grounds at Hutchinson, Kan., October 23; **Sam Drybread, of Elk City, Kan.,** selling on his home farm, October 24; **W. J. Brown, Fall River, Kan.,** selling on his farm, October 25, and the Mora Valley Development Co., of New Mexico, selling at the Kansas City Stock Yards, October 26. In the one week of this series of sales will distribute five or six hundred of registered Herefords in this territory.—Advertisement.

## Klasmire Durocs October 28.

This is the last call for the Geo. Klasmire Duroc Jersey sale in Holton, Kan., Oct. 28. It is a draft of 20 March boars and 25 March gilts from Mr. Klasmire's Pleasant Home Farm herd at Holton, Kan. These boars and gilts will compare favorably with any like number sold in the west this fall. It is going to be a mighty good place to buy a boar for your own use in your own herd and to buy a few choice gilts to breed and keep or put in your bred sow sale this winter. The breeding, as has been indicated in this paper, is up to date. Everything properly immunized and well grown. Write for the catalog and plan to be at this sale Monday, Oct. 28.—Advertisement.

## Spotted Polands.

**E. Challis, Gypsum, Kan., Saline county,** advertises his big reduction sale of Spotted Poland Chinas at his farm three miles northeast of Gypsum, Monday, Nov. 4. In this sale he will sell 63 head and all will be immunized and in good breeding condition. There will be a number of choice brood sows, some of them bred and others open. A lot of nice spring boars and gilts and 28 fine pigs just weaned. Mr. Challis is the well known Spotted Poland China breeder at that place who takes an active interest in Spotted Poland China affairs and everybody patronizing this sale will be treated right. Write for the catalog today.—Advertisement.

## Kansas Hereford Circuit Starts.

This is the last call for the two big Hereford sales at Council Grove, Kan., next Monday and Tuesday, Oct. 21-22. The Kansas Hereford breeders' sale will be held in the association's big sale pavilion in Council Grove, Monday, Oct. 21. 90 females and 10 bulls. The evening of the association sale a banquet will be held, tendered by the business men of Council Grove and a big time

## JACKS AND JENNETS.

**WANTED GOOD YOUNG JACKS,** Description and price in first letter.  
**GEO. S. LEWIS, DIGHTON, KANSAS**

**A Fine Bunch** of 10 jennets and three jack colts for sale at very low prices. Farm sold. Write at once to  
**F. E. WENTZ, BURLINGTON, KANSAS**

## HORSES.

**A. P. Nobles, will sell at his farm sale Tuesday, Oct. 22, 1918, at Blue Mound, Kan.,** four registered Belgians, consisting of two Belgian mares 7 years old, one Belgian filly 2 years old, one stallion 2 years old, all registered. The 7 year old mares are imported.

**Percheron Stallions**  
A nice lot of good young stallions, sired by Algarve, a 2300 pound sire, and by Bosquet, an international grand champion. Priced to sell.  
**D. A. HARRIS, GREAT BEND, KANSAS**

**Percherons—Belgians—Shires**  
Registered mares with colts at side and bred again; registered fillies, stallions 1 to 5 yrs. old; grown ourselves the ancestors for 5 generations on dam side; sires imported. **Fred Chandler, R. 7, Charlton, Iowa. Above Kansas City.**

**CHESTER WHITE OR O. I. C. HOGS.**  
**CHESTER WHITE** spring boars for sale. **W. E. Ross & Son, Smith Center, Kansas.**

**O. I. C. Boar Pigs Ready to Ship**  
**HARRY W. HAYNES, GRANTVILLE, KAN.**

**Chester Whites** 15 good gilts and a few boars for sale.  
**E. E. Smiley, Perth, Kan.**

**F. C. Cookin, Russell, Kan.** is in the draft of his Chester Whites. Herd sows, herd boar, spring pigs, both sexes. Address as above.

**CHESTER WHITES**  
Summer and fall pigs.  
**A. G. COOK, WALDO, KANSAS**

**O. I. C. PIGS**  
Mid-summer farrow. Priced to sell.  
**E. S. ROBERTSON, REPUBLIC, MISSOURI**

**Big Stretchy Chester White**  
boars sired by some of the breed's most noted boars and out of extra good sows. New blood.  
**HENRY MURR, TONGANOXIE, KANSAS**

**CHESTER WHITE HOGS**  
With senior and grand champion boar, senior and grand champion sow at Kansas State fair, we have pigs for sale.  
**COLEMAN & CRUM, DANVILLE, KANSAS**

**KANSAS HERD OF CHESTER WHITE SWINE**  
Nothing but boar pigs for sale. See King's Best at State Fair.  
**Arthur Mosse, Route 5, Leavenworth, Kansas**

**POLAND CHINA HOGS.**  
**Poland China Spring Boars** for sale, big type. If taken soon. **E. A. Ostermann, Sylvan Grove, Kansas.**

If you **Poland China Boar** I have them five and need a few all months old. Prices reasonable. Pedigree with every hog.  
**HENRY S. VOTH, GOESSEL, KANSAS.**

**POLANDS** Late May pigs, either sex. Pedigrees furnished.  
**Leon Griffin, Ellsworth, Kansas**

**POLAND CHINA SPRING PIGS \$20**  
Four big boned boars out of King's Model, by King Price Wonder by King of Wonders, by A Wonder 107388, \$40. From prize winners. **E. CASS, COLLYER, KANSAS**

**CHOICE SPRING BOARS**  
also two extra good yearling boars. Sired by Spotted Duke and Moser's 5th. Spot, out of sows by Spotted Jumbo; Brandywine and Spotted King. I am pricing these boars in line with their breeding and individuality. No sows or gilts for sale.  
**O. S. JOHNSTON, BONNER SPRINGS, KANSAS.**

**Large Type Poland Boars**  
20 choice young boars by such sires as Model Wonder, by Big Bob Wonder; The Giant, by Hercules, by Big Ben; King Ben, by Giant Ben; Capt. Gerstdale Jones; Big Bob Jumbo and A Big Wonder.  
**ROSS & VINCENT, STERLING, KANSAS**

**Poland China Boars of Spring Farrow**  
Big nice ones at attractive prices. Also gilts same age sold open. Also fall pigs, either sex, bargain prices. Pedigree with each pig.  
**N. M. BAILOR & SON, ALLEN, KANSAS**

**FOUR HEAVY-TYPE POLAND CHINA**  
April boars sired by King Orange \$4435. First check for \$30 gets choice. Also the sow Grand Lady 213074, \$60. A money making sow. Pedigree goes with her.  
**N. G. SUHLER, ELLINWOOD, KANSAS**

**FAIRVIEW POLAND CHINAS**  
15 heavy boned March boars, the tops of our entire spring crop. Also choice gilts. Reasonable prices. Write us your wants.  
**P. L. WARE & SON, PAOLA, KANSAS**

**High-Test Big Polands**  
20 choice spring boars and gilts out of giant sows. Sires, Peter Mouw, Gerstdale Jones Again, Captain Gerstdale Jones, Master Timm, A Wonderful King and Mouws Big Chief. Farmers prices. Write your wants.  
**WYATT HAGEN, SHATTUCK, OKLAHOMA**

**POLAND CHINA BOARS**  
For sale 3 November boars by Jumbo King, weight 250 pounds, 20 spring boars by Big Bob's Model, weighing 750 pounds at 18 months old. Sure breeder, lots of quality. Come and see them. 3 mi. N. W. of town.  
**A. L. ALBRIGHT, WATERVILLE, KANSAS**

## POLAND CHINA HOGS.

**Myers' Big Type Polands**  
Choice spring boars by Jumbo Bob, whose sire and dam's sire were the same as the world's champion Caldwell's Big Bob. Others by Myers' Joe Orange and Maple Grove Big Bob. All immune. Write  
**ELMER MYERS, HUTCHINSON, KANSAS**

**Hunter's Large Type Polands**  
Spring boars that will grow large and sire the large kind. They are by Longfellow Timm, by Longfellow Jumbo and out of sows by Big Bob Wonder, Long King's Best Son and other noted sires. All immune. Write today.  
**BRUCE HUNTER, LYONS, KANSAS.**

**Poland China Boars**  
Just a few of my best boars offered. Strictly big type and good all over at farmer's prices for a few weeks.  
**J. E. Beagel, Dwight (Morris Co.), Kansas**

**Myersdale Polands**  
Herd headed by Giant Joe 78920. Choice April boars sired by this noted boar. All immune and priced to sell. Fall sale, November 2nd. **H. E. MYERS, Gardner, Kan.**

**OLD ORIGINAL SPOTTED POLANDS**  
Stock of all ages. Special prices on baby pigs. Satisfaction guaranteed. Write your wants to the  
**CEDAR ROW STOCK FARM, A. S. Alexander, Prop., Burlington, Kan.**

**Spotted Poland China Offer**  
Drouth prices on tried sows, herd boars, spring boars and gilts. I will take orders for fall pigs just farrowed. Everything registered or eligible. **J. W. Sutton, Oak Hill, Kan., Clay Co.**

**MORTON'S BIG POLANDS**  
25 choice spring boars out of Giant sows and sired by Miller's Chief, Gerstdale Jumbo and Morton's Giant, a boar that in only fair breeding condition weighs over 1000 lbs. All immune. We can please you.  
**Geo. Morton, Oxford, Cowley Co., Kansas.**

**ERHART'S BIG POLANDS**  
A few fall boars ready for hard service. Can spare two tried herd boars. Have the greatest showing of spring boars we have ever raised. Some by the 1,250 pound, a Big Wonder. All immune.  
**A. J. ERHART & SONS, NESS CITY, KAN.**

**Poland China Herd Boars** If you want a come and see the ones I am offering or let me write and describe them to you. They are sired by Ex Jumbo, by Monroe's Jumbo and John Worth, a grandson of Goldengate King. My prices are reasonable and I guarantee satisfaction. **Homer Saunders, Chetopa, Kan.**

**Oxford Herd Poland Chinas**  
Herd headed by Giant Lunker, by Discher's Giant. Herd sows by Caldwell's Big Bob, Rod's Giant, Herchel's Product, Big Fred and Big Ben. Choice spring boars, the really large kind. Satisfaction guaranteed. **H. R. Wenrich, Oxford, Cowley Co., Kan.**

**WARREN'S Large Type POLANDS**  
An outstanding son of Big Timm heads our sow herd, some that cost up to \$1200. Immunized spring boars, with fashionable blood, size and quality. Guaranteed to please.  
**EZRA T. WARREN, CLEARWATER, KAN.**

**Townview Polands**  
Herd headed by the great young boar, King Wonders Giant 77326. I can ship spring pigs, either sex, or young herds not related. Boars ready for service. Bred gilts. Prices and Hogs are right. **Chas. E. Greene, Peabody, Kansas**

**BIG TYPE POLAND CHINAS**  
Couple of bred sows priced cheap for quick sale. Choice spring boars \$40 each. Best of breeding. Cholera immune.  
**FRANK L. DOWNIE, Rt. 4, Hutchinson, Kan.**

**Webb's Farm Poland Chinas**  
**BIG BONE TYPE**  
Bargains in Spring Boars and Gilts. These pigs are all selected and will weigh from 120 to 180 pounds at 4 to 6 months old. They are sired by the world's champion, Caldwell's Big Bob (1122 lbs.); the Kansas champion, McGath's Big Orphan (1170 lbs.); Captain Gerstdale Jones (son of the \$6,600 Gerstdale Jones), and other noted sires. We purchase the top sow in B. E. Hodson's Feb. sale at Wichita, Kan., for \$775.00. Everything immune by simultaneous method. We guarantee the pigs to please Real Herd Boar prospects. Write for prices and descriptions.  
**FRED E. WEBB, R. 1, Protection, Kansas**

**Wiebe's Big Immune Polands**  
50 Selected spring boars. Representatives of the biggest strains. Ready to ship out on approval. Write for full information.  
**G. A. WIEBE, BEATRICE, NEB.**

**BABY PIG BARGAINS**  
80 ready to wean in pairs and trios not related. Out of big 600 and 700 pound King of Kansas sows and sired by splendid March boars. Pedigree with each pig. 20 splendid March boars. Address at once,  
**J. L. GRIFFITHS, RILEY, KANSAS**

**Millers' Big Immune Poland Boars**  
25 big spring boars the tops from spring crop sired by State Line Gerstdale, a great son of Gerstdale Jones. 2 fall yearling boars of Gerstdale Jones and out of one of the biggest sows of the breed. We are making no public sales and offer these boars at private treaty at reasonable prices. Also 20 fall gilts open.

**R. Miller & Son**  
Chester, Neb.



## MULEFOOT HOGS.

**BIG TYPE MULEFOOT** spring boars, bred sows and pigs at weaning time. Farmers' prices. SINN'S MULEFOOT RANCH, ALEXANDRIA, NEBRASKA

## DUROC JERSEY HOGS.

**For Sale Purebred Duroc-Jersey Boars**  
Age 6 months, weight 180 lbs. Capper Pig Club Member. Write for price. William Kuntz, Hanover, Kan.

BIG IMMUNE  
DUROC BOARS

20 spring boars sired by Col. King and Joe Orion 6th. Out of big, richly bred dams. We also offer 2 herd boars, one a son of Pathfinder, and one by King's Col. Very reasonable prices.  
**WARD BROS., REPUBLIC, KANSAS**

## Duroc Jersey Boars

Eight selected boars of March farrow, three by Dictator 220439 and out of an Illustration 2nd dam. Five by King's Col. 40th 228691 and out of a Select Col. dam. All immune. Splendid prospects. Priced right for quick sale.  
**A. J. HANNA, BURLINGAME, KANSAS**  
Rural Route 1.

## Fairview Stock Farm

## GREAT BOAR BARGAINS

Big type, heavy boned, high backed, smooth, stylish fellows; HERD HEADERS, 2 junior yearlings by the great boar, ORION CHERRY KING, dam by JOE ORION II. 1 EXTRA GOOD yearling by ILLUSTRATOR II. 12 large, fancy spring boars by Jno. Col. Orion, a 950 lb. boar by Jno. Orion. Write us, or come and see them.

**Jno. W. Jones, Minneapolis, Kansas**

## SPECIAL DUROC OFFER

## ALL IMMUNIZED

## 20 March Boars—20 March Gilts

Out of big sows, and sired by Joe Orion 5th, a premier Nebraska boar; Elk Col. champion Kansas 1917, and other noted sires. Gilts reserved for bred sow sale.

**A. L. BREEDING HOME, KAN.**  
Marshall county

## Woody's Durocs

The big, high backed, long legged kind. The kind that gets big. I have a fine bunch of selected March boars for sale of Pathfinder, Sensation, King's Col. and Educator's Orion breeding. Educator's Orion was sired by King Orion Cherry and was one of the top boars sold in world's record breaking boar sale last October. They are all immunized and priced right. I also have a senior yearling boar, a grandson of Old Gano, for sale. Write or come and see.

**HENRY WOODY, BARNARD, KANSAS**

## 40 March Boars

## IMMUNIZED

## Big Type Duroc-Jerseys

Big bone, high backs, good feet and legs. Splendid colors and as choice lot of boars as can be found. Sired by a splendid Grandson of Model Pal, and half by King of Col. 6th. Reasonable prices. Satisfaction guaranteed.

**A. L. Wylie & Son, Clay Center, Kan.**

## ROYAL HERD FARM

offers real Duroc Jersey boars, sired by **ROYAL GRAND WONDER**

twice a winner at the Kansas State Fair. They are the big rugged, heavy boned kind, bred the same as the boars and sows that went over the top at the big Iowa State Fair. All immunized and registered. Write or come now.

**B. R. Anderson, McPherson, Kansas**

## Duroc - Jersey Boars

## Immunized double treatment.

## 20 March Boars by

Joe Orion 5, The King, Great Wonder 2nd and Pal's Giant. No boar sale but these select boars at popular prices.

**L. L. HUMES, Glen Elder, Kansas.**  
(Mitchell County)

Big bred sow sale in Northern Kansas sale circuit, Feb. 7.

for visiting Hereford breeders is planned. The following day, Oct. 22, Miller & Manning will sell 100 lots at their fine farm a few miles out from Council Grove. These are two important days for Hereford breeders. Remember next Monday and Tuesday are the days.—Advertisement.

## Poland Sale at Topeka.

Hill & King, Topeka, Kan., sell 40 Poland China spring boars and gilts in the new sale pavilion, the fair grounds, Topeka, Kan., Tuesday, Oct. 29. Twenty of them are selected boars and 20 are selected gilts. This sale is not made with the idea of getting rich from the results of their first sale. This firm of Poland China breeders have an ambition to be among the foremost Poland China breeders and to build up a reputation for square dealing and for the best in Poland Chinas. This being their aim they will offer nothing but the best of their entire spring crop and it will be sold on its merits. Get their catalog and you will be able to determine whether they have been making the right crosses or not, at least you will have a good idea of their blood lines.—Advertisement.

## Jersey Cattle Dispersion.

An important combination-dispersal sale of registered Jersey cattle is the one to be held at Sabetha, Kan., Wednesday, Oct. 30. Forty-four head go in this sale and it is the important Jersey cattle event of the season. Mr. H. Wasmund, Sabetha, Kan., is a recognized breeder of high class Jersey cattle. C. A. Seoville and Dr. Lahr are breeders of only the profitable kind and have nothing to sell or keep that is not worthy. So try and be at this sale if you want Jerseys that are right in every way. These cattle have not been picked up to speculate on but are the choice animals purchased by these breeders because of their evident worth, and retained because of their value. All of the younger animals have been bred on their farms. Write H. Wasmund, Sabetha, Kan., today for the catalog and mention Farmers Mail and Breeze.—Advertisement.

## Adams &amp; Mason Poland Sale.

Adams & Mason, Gypsum, Kan., Saline county, are advertising in this issue of the Farmers Mail and Breeze their big public sale of 60 Poland China spring boars and gilts which will be held in Gypsum, Thursday, Oct. 31. You will readily see the importance of this sale by looking up their advertisement in this issue. There will be 40 spring boars drawn from two herds and I saw them recently and can assure you they are really great individuals and the breeding is as good as can be found in any herd in the land. Adams & Mason are two young breeders who are neighbors near Gypsum. They are good hog men to start with and during the past two years have purchased from the leading eastern herds until their herds are as strong in the blood of noted sires and dams as any herds in the west. They are ambitious to build outstanding herds and in this sale they are putting not only their top boars but some of the best gilts I ever saw intended for one fall sale. It is a great offering, both in up to date breeding and individuals. Their catalog is ready to mail and they will be pleased to have you write them for it and will mail you one by return mail. Look up their advertisement in this issue and write them tonight. Remember to mention the Farmers Mail and Breeze as they like to know where you saw their advertisement.—Advertisement.

## Big State Holstein Sale.

The Holstein-Friesian association of Kansas will hold its second bi-annual sale at Independence, Kan., Friday, Nov. 1. Eighty head go in this sale, 70 cows and heifers and 10 bulls ready for service. Prof. W. E. Peterson, of the dairy department of the Agricultural college, Manhattan, Kan., has inspected every animal that goes in the sale and the big offering of 80 head stands approved. Fifteen of the strongest herds in the state have been drawn upon and it is but fair to state that every consignor is putting into this sale animals that he would much prefer to keep, his only reason for listing them being to help make this sale a big advertisement for Kansas breeders and their big association. The sale is under the direction of the Kansas Holstein-Friesian association and both consignors and buyers will be protected in every way. All animals over six months old are tuberculin tested. W. H. Mott, Herington, Kan., the well known Holstein breeder and sales manager, has the sale in charge and the catalog is ready to mail. The catalogs are free for the asking and you should write W. H. Mott, Herington, Kan., for one tonight. The evening of the sale the association will hold their semi-annual meeting. The independent chamber of commerce will entertain the members and their friends attending the sale at banquet the same evening. Everybody is invited to attend the sale and the meeting and banquet. If you are not a member you can become one that evening. Write today for the catalog. Mention the Farmers Mail and Breeze when you write, as the sales manager likes to know where you saw the advertisement of this sale.—Advertisement.

## Nebraska and Iowa

BY JESSE R. JOHNSON

Geo. Sin, proprietor of the famous Mulefoot Ranch at Alexandria, Neb., is carrying a card in this paper offering for sale spring boars and gilts and weanling pigs. Mr. Sin breeds the best of the Mulefoot breed and sells them at farmers prices.—Advertisement.

## Rist's Long Model Poland Sale.

The place to buy real Poland Chinas will be at the Frank J. Rist sale, to be held in the pavilion at Humboldt, Neb., Oct. 31. On the above date Mr. Rist will sell 45 head of both sex sired by Rist's Long Model, a son of the great breeding boar, Long Model. Rist's Long Model was fitted and shown by Mr. Rist at the Nebraska State fair the past fall and won first as a senior yearling in a very strong class. Eleven head are sired by the big boar, Ursus Wonder, a grandson of the noted grand champion boar, Big Ursus. Two daughters of Rist's Long Model sell with litters at foot by Mr. Rist's young boar, Cornhusker Bob. The offering is well grown and on dam's side, trace to all of the best big type families. Write at once for catalog and mention this paper.—Advertisement.

## Retzlaff Scotch Shorthorn Auction.

Retzlaff Bros., Shorthorn breeders, located at Walton (Lancaster county), Neb., announce their annual sale to be held on the farm near town on Nov. 11. This year's offering will be an exceptionally strong one. Both herds are being drawn upon for the

## DUROC JERSEY HOGS.

**Garrett's Durocs** Ten Fall Gilts. bred for August and September farrow. 110 spring pigs ready to ship. R. T. & W. J. Garrett, Steele City, Nebraska

## Duroc-Jersey March Pigs

Out of first prize and champion sows and boars. Pedigree with every pig. Write quick. W. J. Harrison, Axtell, Kan.

## OTEY'S DUROCS

Hercules 3d, a giant 900-pound boar in breeding flesh, and Pathfinder Chief 2nd, the largest and smoothest of all the sons of the mighty Pathfinder, head our herd. 50 spring boars, buy NOW.

**W. W. OTEY & SONS, WINFIELD, KANSAS.**

## McComas' Durocs

Big roomy herd sows, daughters and granddaughters bred up to date grand champions on both sides, with litters by champion and sons of champions. If you want spring boars and gilts, something good, write

**W. D. McCOMAS, WICHITA, KANSAS**

## WATCH THIS HERD GROW

Spring boars for sale. Also two dandy Dec. yearling boars. Boar sale, Nov. 7; bred sow sale, Jan. 23. Sales at Sabetha, Kan.

**F. J. MOSER, GOFF, KANSAS**

## DUROC BOARS OF QUALITY

Choice March boars, sired by the great herd boar, Reed's Gano, first prize boar of Kansas and Oklahoma state fairs. Also Illustration 2nd, and Golden Model. Fine growthy boars, well built and nice color. All immunized. Priced to sell quickly.

**JOHN A. REED & SONS, LYONS, KANSAS**

## Famous Duroc Blood Lines

Spring boars combining the blood of Illustration, Pathfinder, Gano, Orion and other noted sires. Gilts bred or open. Special private sale. F. F. WOOD, WAMEGO, KAN.

## NOTICE—DUROCS

Baby pigs from 6 to 10 weeks old, fat and fine, best of breeding, \$15 each. Papers furnished. Don't write, send check. Older boars and gilts for sale. S. H. Lenthert & Son, Hope, Kan.

## Wooddell's Durocs

Chief's Wonder, a giant junior yearling heads our herd. The finest bunch of spring boars to offer I ever raised. Write me your wants, or come and see them.

**G. B. WOODDELL, WINFIELD, KANSAS**

## JONES SELLS ON APPROVAL

Very choice spring boars sired by King's Col. 6th and out of Orion Cherry King dams. Write for further descriptions and prices.

**W. W. JONES, CLAY CENTER, KANSAS**

## 25—Duroc Boars—25

SHIPPED ON APPROVAL. Of March farrow. Richly bred, well grown, big stretchy, heavy boned fellows. At farmers prices and shipped to you before you pay.

**A. J. TURINSKY, Barnes, Washington County, Kan.**

## BANCROFT'S DUROCS

Guaranteed immunized. Choice Sept., 1917, gilts. Bred, guaranteed safe in pig. Price \$65 each. Choice 140 to 150 pound March boars. Price \$40 each.

**D. O. BANCROFT, OSBORNE, KANSAS**

## BONNIE VIEW STOCK FARM

## DUROC-JERSEYS

Spring boars and gilts; prize winning blood for sale at reasonable prices.

**SEARLE & COTLE, BERRYTON, KANSAS**

## SHEPHERD'S DUROCS

FORTY BIG TYPE BOARS, sired by the 1000 pound King's Col. I Am and the 3000 King's Col. Jr. The dams of these are 600 to 800 pound sows sired by some of the most noted boars of the breed.

**G. M. SHEPHERD, LYONS, KANSAS**

## SPRING GROVE DUROCS

One March boar left, sired by Iowa Chief, by King's Col. Jr. The kind that will produce big ones. First check for \$50 takes him. Satisfaction guaranteed.

**GEO. H. GARMS, KIEL, OKLAHOMA**

## TRUMBO'S DUROCS

30 boars, big husky fellows, sired by Constructor and Constructor Jr., 1st prize boar Hutchinson State Fair. All double immunized. Satisfaction guaranteed. Priced to move quickly.

**W. W. TRUMBO, PEABODY, KAN.**

## Taylor's World Beater Durocs

Choice weaned pigs. Registered and delivered free; high class service boars, largest of bone and ideal colors, heads and ears, sired by boars of highest class. Open and bred gilts; also a few tried sows.

**James L. Taylor, Prop.,**

**Olean, Miller County, Missouri,**

**Red, White and Blue Duroc Farm.**

## R. E. Kempin's Durocs

20 March Boars; 20 March Gilts. Mostly by my herd boar, Chief Critie, and out of big type sows. Special prices to move them. Vaccinated double treatment. A few by King Sensation.

**R. E. Kempin, Corning, Kansas**

**(Nemaha Co.)**

## Immuned Duroc Boars

Duroc boars, immunized and guaranteed breeders, shipped to you before you pay for them. The big southeast Nebraska herd bred for size, bone, and length. Eventually you will breed the "Crocker Type." "Why not now?"

**F. C. Crocker, Box B, Filley, Nebraska**

## DUROC JERSEY HOGS.

## ORION DUROCS

Size, quality and vigor unexcelled; also Golden Model and other lines. Pigs \$15, March boars \$30, immunized. Satisfaction guaranteed. Order quick. W. J. BARNES, OSWEGO, KANSAS.

## John's Orion 42853 (a)

400 spring pigs. 200 boars by Grand Wonder 6th, Gano's Masterpiece 2nd and other noted bloodlines. It will pay you to come if you want the best. All vaccinated double treatment.

**F. E. GWIN & SONS**

**Morrowville, Kan., Washington County**

## RED POLLED CATTLE.

**Foster's Red Polled Cattle** 15 Young Bulls. Heifers. Priced Right. C. E. Foster, Eldorado, Kan.

## Red Polled Cattle for sale, Both sexes.

All registered. T. A. HAWKINS, R. 3, WAKEENEY, KAN.

## Pleasant View Stock Farm

Registered Red Polled cattle. For sale: a few choice yearling bulls, cows and heifers. HALLOREN & GAMBRILL, OTTAWA, KANSAS

## LARGE DEEP-FLESHED RED POLLS

Springing twos, whose dams and sisters produce 600 pounds butter per year. Be prompt. Write or come. Chas. L. Jarboe, Quinter, Kan.

## Red Polled Herd Private Sale

We are changing locations and must sell our cattle. 20 choice young cows bred for spring, to the ton bull, DAYSON. 20 bulls in age from 6 to 18 mos. Will sell one or a car load. W. F. Schwab, Clay Center, Neb.

## BARGAINS IN RED POLLS

A few extra good cows safe in calf; also a few yearling heifers and a 4-year-old tried herd bull. All at rock bottom prices.

**I. W. FOULTON, MEDORA, KANSAS**

## Sunnyside Red Polls

Individuals of merit and desirable breeding. Bulls of serviceable age, a few heifer calves and cows; also my herd bull, Napoleon's Reuben No. 28735.

**T. G. MCKINLEY, JUNCTION CITY, KAN.**

## LAST SON OF CREMO

23061

This herd bull for sale. Also a nice string of yearling bulls by him and some younger. Also cows and heifers. Address, Ed. Nickelson, Leonardville, Kansas (Riley County)

## POLLED DURHAM CATTLE.

## POLLED DURHAM AND SHORTHORNS

Fourteen bulls, 7 to 18 mo. old, all sired by The Baron, a 2600 pound bull. I will also sell The Baron, also have 10 cows and heifers to sell. Shipping station, Phillipsburg and Stockton. T. S. SHAW, GLADE, KANSAS.

## HEREFORD CATTLE.

REGISTERED HEREFORD BULL FOR sale. A. M. PITNEY, BELVUE, KANSAS.

## PLEASANT VIEW STOCK FARM

## HEREFORDS and PERCHERONS

Thirteen yearling bulls, well marked, good colors, weight 1200 pounds; also some early spring calves, weight 600 pounds. Can spare a few cows and heifers, bred to my herd bull, Dominus, a son of Domino. Also some Percheron stallions from weanlings to 2-year-olds, black and grey.

**Mora E. Gideon, Emmett, Kansas**

## ABERDEEN ANGUS CATTLE.

## Sutton Angus Farms

For sale: 50 heifers, 18 months old, bred and open. 20 two-year-old heifers bred. 35 bulls, serviceable ages.

**SUTTON & WELLS, RUSSELL, KANSAS**

## Angus Cattle—Duroc Hogs

FROM WORKMAN C.H. Sparks, Sharon Springs, Kansas, can furnish my bulls for northwest Kansas.

**Johnson Workman, Russell, Kan.**

## Registered Aberdeen Angus Cattle

Good strains and size. Must sell on account of help and feed. Priced to sell.

**H. L. Knisely, Talmage, Kan., (Dickinson County)**

## Angus Cattle For Sale

40 registered cows, bred or with calf at foot, 15 bulls, 15 to 18 months old. If you want either cows, heifers or bulls and visit my herd, we will be nearly sure to deal. Cattle close to Clements, Kan., to Santa Fe, 11 miles east of Florence and 13 miles west of Strong City, Kan.

**D. J. WHITE, CLEMENTS, KANSAS.**





## DAIRY SHORTHORN CATTLE

**PURE BRED DAIRY SHORTHORNS**  
Double Marys (pure Bates), and Rose of Sharon families.  
Some fine young bulls. R. M. ANDERSON, Beloit, Kan.

## Milking Shorthorns With Records

15 breeders, members of cow testing associations. Booklet free.  
Harry K. Grover, Sec'y, Rowley, Iowa.

## JERSEY CATTLE.

**REGISTERED JERSEY BULLS \$50. COWS**  
and heifers. PERCY LILL, Mt. Hope, Kan.

## Hillcroft Farms' Jerseys

Herd headed by Queen's Fairy Boy, a Register of Merit bull out of a Register of Merit dam, by Hillcroft's Fairy Boy, an undefeated champion. Sire of more than 100 M. cows than any other imported bull. Write for pedigree. M. L. Golladay, Prop., Holden, Mo.

## I Offer For Sale a GAMBOGE KNIGHT

Hood Farm two year old Herd Bull that I guarantee to be one of the best Jersey bulls in the state—will sell to the highest bidder at private sale—sold to avoid in-breeding. R. J. LINSOTT, HOLTON, KANSAS

## HOLSTEIN CATTLE.

**Young Registered Holstein**—Bulls with good A.R.O. background. H. N. Holzman, Meade, Kansas

## OAK HILL FARM'S HOLSTEIN CATTLE

yearling bred heifers and bull calves, mostly out of A.R.O. cows. Perfect satisfaction guaranteed. BEN SCHNEIDER, Nortonville, Kan.

## SPLENDID HOLSTEIN BULL FOR SALE.

Six months old. Over half white. He sure is a beauty. HENRY S. VOTH, R. 2, GOESSEL, KANSAS

## I Have a Nice Line of High-Grade Holstein

cows to freshen soon; also a few heifer calves 4 to 6 months old. All this stuff is 15-16ths pure. Prices right. W. P. PERDUE, CARLTON, KAN.

## CHOICE HOLSTEIN CALVES

12 heifers and 3 bulls, 16-18ths pure, five to seven weeks old, dandy marked and from heavy milkers, at \$25 each. Crated for shipment anywhere. FERNWOOD FARMS, WAUWATOSA, WIS.

## For Holstein Calves

Write W. C. KENYON & SONS, Box 61, Elgin, Illinois

## BRAEBURN HOLSTEINS

Service bulls. Their heifers will outyield the dam 10-50%. Surplus females sold. H. B. COWLES, 608 Kan. Ave., Topeka, Kan.

## Registered Holsteins

If you want big producers, males and females all our own breeding, write us. Illac Dairy Farm, Route 2, Topeka, Kansas.

## Canary Butter-Boy King

10 pure-bred sons of this great sire for sale. Six to 12 months old. Write for descriptive list and prices. Mott Bros., Herington, Kan.

## W. H. Mott, Sales Manager

Complete catalogs. Pedigree reading at the sale and a general knowledge of conducting public sales enables me to render valuable assistance to parties holding registered high grade Holstein sales. For terms and other address, W. H. MOTT, Herington, Kansas.

## DO YOU LIKE INDIVIDUALITY

with breeding? Then write us about our Holstein bulls ready for service and younger. They are good ones. Prices to sell. G. H. ROSS & Sons, R. 1, Independence, Kan.

## Bonnie Brae Holsteins

Grand sons of King Segis Pontiac, from high producing dams, old enough for service. IRA ROMIG, STA. B, TOPEKA, KANSAS.

## VALLEY BREEZE FARM

Offers a 2 year old bull sired by our herd sire, Adair Walter Butter Boy #7464, whose first two daughters averaged 20 pounds butter seven days a week for 100 weeks. This bull is six months old and a fine specimen. Also young bull by 30 pound sire and an excellent dam. In a few weeks we will have calves sired by North Country Dutchland Korndyke whose dam holds WORLD'S RECORD FOR MILK AND BUTTER as a senior two-year-old. Later calves from dams with excellent butter records and sired by King Segis Winona 228376, a 42 pound bull. Orin R. Sales, Lawrence, Kansas

## REGISTERED HOLSTEIN BULLS

old enough for service; from very high record cows; also some that are younger. Priced cheap considering their wonderful breeding and milk and butter records. G. A. Higginbotham, Rossville, Kan.

## ALBECHAR HOLSTEINS

A few young bulls, of good breeding and individuality and of serviceable age, for sale. Write for prices to Albechar Holstein Farm Robinson & Shultz, Independence, Kan.

## SUNFLOWER HERD

Come to Lawrence for your next herd sire. King Segis Time Arts, born Dec. 16, 1917. He is a grand son of a 38 pound cow, grand daughter of King of the Pontiacs. Dam: a 15 pound cow, 2-year-old granddaughter of Colander's King. Another son Sept. 19, 1917. Sire a 31 pound cow of Spring Farm King Pontiac. Dam, a grand daughter of King Segis and Colantha Johanna. You can't beat them for individuality, size, breeding and the price is right. They won't last long, so get them right now. E. J. SEARLE, LAWRENCE, KANSAS

choice individuals in order to make up the strongest kind of offering. Nineteen bulls are selling, among them some real herd bull prospects. Some of these are by the veteran champion, Snowflake, now in his 14th year. Others by Gloster Goods, a son of Ruberta's Goods, and by Ruberta's Seal, also a son of Ruberta's Goods. About twenty head of the females will be cows with calves at foot or near calving by the herd bulls. The remainder will be choice heifers selling bred and open. One choice two-year-old herd bull sells. The offering is pure Scotch and includes representatives of the best families, such as Missies, Broadhooks, Acorns, Lavender and others just as good. Retzlaiff Bros. have been breeding good cattle for many years now and have one of the best breeding herds in the west. This is by far their best sale offering and must be seen to be appreciated. Write for catalog giving photos and breeding. Mention this paper.—Advertisement.

## Geo. Brown Will Sell Big Polands.

No Poland China sale to be held during the fall will contain more great big heavy boned spring boars and gilts than will the Geo. Brown sale to be held at Tecumseh, Neb., Tuesday, Oct. 29. Mr. Brown makes no bred sow sales and rarely retains any gilts for use in his own breeding herd so breeders can expect to find in this sale offering the very tops of the spring crop of pigs and no breeder in Nebraska understands better the art of growing pigs without interfering with their value as breeders. Every pig in the sale is of much the same type, having been sired by the extremely big type boar, Big Prospect, a boar that topped O. E. Wade's last fall sale and was the best boar raised by Mr. Wade last year. He is one of the heaviest boned boars the writer knows of and stands up on a great set of legs. Out of one of Mr. Wade's great brood sows and a son of Long Prospect, one of Nebraska's greatest sires. The dams of pigs are big strong backed, mature sows, daughters of such noted boars as A Wonder, Big Ursus, Big Bob Wonder and Long Chief. Here is the place to buy foundation stock for herd sows or a boar good enough for any one to use. Write for catalog. Bids may be sent to Jesse R. Johnson in Mr. Brown's care.—Advertisement.

## S. E. Kan. and Missouri

BY C. H. HAY

The Western Dairy and Ice Cream Co., of St. Joseph, will disperse all their Holsteins Oct. 31. This herd is all stock that they have been breeding up for the last 10 years. There will be about 100 head in the sale, mostly registered. The sale will be held at Lake Contrary.—Advertisement.

## Holstein Herd Bulls.

Holstein herd bulls are being offered for sale by F. J. Searle, Lawrence, Kan. Three sample bulls of the lot are described in Mr. Searle's advertisement in current issue. See these young bulls or write for complete description, mentioning Farmers Mail and Breeze.—Advertisement.

## McBride's Sale Report.

The McBride dispersion sale of Red Poll cattle was not very well attended and the cattle sold under value. The top of the sale was \$210 paid by O. Wilson, of Rantoul, Kan., for the herd bull. The cows averaged \$160. Most of them went to Halloran and Gambrel, of Ottawa, Kan. The Durocs averaged \$65. Col. "H." Grable, of Dearborn, topped the Duroc sale at \$97.50 for a boar by High Orion.—Advertisement.

## Laptad's Sale Next Wednesday.

Fred Laptad's annual fall sale of Durocs and Polands will be held at Lawrence next Wednesday. While it is too late to write for catalog, there is plenty of time for you to get to Lawrence in time to bid on some of the best boars and gilts that will be sold in Kansas this fall. Fred sells as much value for the money as any breeder. If you cannot spare the time to attend the sale send mail bids to C. H. Hay, in care of Mr. Laptad. He guarantees satisfaction on anything purchased on mail bids.—Advertisement.

## Will Sell Good Shorthorns.

The annual fall sale of Shorthorns consigned by the Shorthorn breeders of Southwest Missouri will be held at Aurora, Mo., Oct. 30. They are not selling as many cattle in this sale as in former sales but the quality of the offering will be much better than that of previous sales. Thirty females are selling in this sale. Some of the cows have calves at foot and the balance are of breeding age. The bulls are all of breeding age. Some are pure Scotch and some Scotch topped. Be sure and write for catalog of this sale if you are in the market for Shorthorns. Address E. H. Thomas, sale mgr., at Aurora, Mo. Please mention this paper when you write.—Advertisement.

## Sutton &amp; Porteous Dispersion.

Most everyone who has bred Angus cattle or attended the livestock shows is familiar with the noted breeders and showmen Sutton & Porteous, of Lawrence, Kan. These men are dissolving partnership and will hold a dispersion sale Nov. 1. The offering will consist of 70 cows and heifers, some with calves at foot, some bred and the balance open. There will be about 30 bulls, including all of the firm's prominent show and herd bulls. The entire offering is a picked lot, cattle that have been selected for herd material. They are a great bunch of individuals and carry the blood of the most noted families of the Angus breed. If you are interested in Angus cattle be sure and write for a catalog of this sale.—Advertisement.

## Myers &amp; Oshel Poland Sale.

We wish to call the attention of our Poland China breeder friends to sale announcement of Messrs. Harry Myers and O. I. Oshel, of Gardner, Kan. This sale will be held in Gardner, Nov. 2. The offering is one of the very choicest that the writer has seen this year. They are exceptionally large, with high arched backs, extra heavy bone, stand well on their feet and not a bad coated pig in the bunch. To add to their individual excellence we find them sired by the most noted boars of the breed. Such as Giant Joe, Mr. Myers' herd boar and a boar that has won the admiration of all Poland China breeders and especially those who were fortunate enough to have some of his get. Others are sired by Big Jones, F's Big Jones, Long Bob, Buster Over, McGath's Big Orphan and Big Timm's Best. We are glad to recommend this offering to the readers of the Mail and Breeze for we know that you will be pleased and profited if you attend this sale.—Advertisement.

## GUERNSEY CATTLE.

**Three Registered Guernsey Heifers** for sale. Two are due in Nov., one is imported, others are well bred. L. W. GOSS, Manhattan, Kansas.

**FOR SALE** Registered Guernsey bull calf, sires dam 720 lbs. fat and yearling bull, sires dam 520 lbs. fat. Tuberculin tested. R. C. KRUEGER, BURLINGTON, KANSAS

## Registered Guernsey Show Bull

For Sale—A prize winner—sired by a prize winner and out of an imported cow. Large vigorous fellow. Sutton Farm, Lawrence, Kan.

## GUERNSEYS

War time prices. Several young bull calves, May Rose breeding.—One serviceable aged bull.

**OVERLAND GUERNSEY FARM**  
Overland Park, Kansas.

## AYRSHIRE CATTLE.

## Ayrshire Bull Calf

Tats Glory Lad. Four months old, nicely marked, and out of LADY TAT, daughter of the \$5,000 Giarland Success, and the great official record cow OLD-HALL SARAH 2nd. Sire, JOHNSON'S GLORY LAD, son of the A. R. O. cow, Lotties Bertha of Loveland. First check for \$125 takes him recorded and transferred free of cost.

**JOHNSON & MATTHEWS**  
Alta Vista, Kansas.

## SHORTHORN CATTLE.

**SHORTHORNS** Three young Scotch bulls, herd headers: 20 young bulls suitable for farm or ranch use. J. M. Stewart & Son, Red Cloud, Neb.

## Meuser &amp; Co's Shorthorns

Nine nice young Scotch topped bulls, reds and roans, ready for service. They are by Sycamore Chunk, by Mistletoe Archer and out of cows that carry the blood of such sires as Choice Goods and Victor Orange. They are good and priced right. Farm 1 1/2 miles from Anson and 7 1/2 from Conway Springs, Kan.

**WM. L. MEUSER, MANAGER, ANSON, KAN.**

## Stunkel's Shorthorns

Scotch and Scotch Topped Herd headed by Cumberland Diamond bulls, reds and roans 8 to 24 months old, out of cows strong in the blood of Victor Orange and Star Goods. No females at present to spare. 15 miles south of Wichita on Rock Island and Santa Fe.

**E. L. STUNKEL, PECK, KANSAS.**

## Salt Creek Valley Shorthorn Cattle

**Pioneer Republic County Herd**  
Established in 1878

**For Sale:** 20 bulls from 6 to 18 months old. Also special pure Scotch herd bull offer. 20 cows and heifers bred to pure Scotch bulls. All Scotch tops and some nearly pure Scotch.

A choice lot of reg. Poland China boars and gilts for sale. Strictly the big kind.  
**E. A. Cory & Sons, Talmo, Kan.**

## SYCAMORE SPRINGS SHORTHORNS

Headed by one of the highest ranking sons of Avondale, as proven by pedigree and production.

**Master of the Dales**  
RICHEST OF BREEDING. Requiring Ancestry Excelling Both in Performance and Individuality. PLAINEST OF CARE consistent with proper development of form, size and reproductive ability. Material for herd bulls and herd foundations for sale. A range of values to meet a variety of needs. Send for catalog and private sale lists, mentioning Farmers Mail and Breeze.

**H. M. HILL, LA FONTAINE, KANSAS**

## SHORTHORN CATTLE.

**Good Shorthorn Herd Foundation**  
15 head, registered, good animals and strong in desirable Scotch breeding. 7 are regular producing cows; 8 are calves 8 to 12 months old, four bulls and four heifers. Some of the cows have young calves at foot; balance well along. D. Ballantyne & Son, Herington, Kan.

## A Registered Shorthorn on Every Farm

If you will put in a good registered Shorthorn cow and bull and keep the female increase, you will soon have a valuable registered herd at a small cost. A good bull will improve your grade herd. Then sell your surplus from the grade end. It is good business. For information address

**American Shorthorn Breeders' Ass'n,**  
13 Dexter Park Ave. Chicago, Ill.

## CEDAR LAWN Shorthorns

Offers choice Scotch and Scotch topped bulls from six to 15 months old. A pleasure to show our herd. Write for prices and descriptions.

**S. B. Amcoats, Clay Center, Kan.**

## Woodland Ranch

Breeders of

## Shorthorns—Polled Durhams

15 bulls for sale. 7 of serviceable ages now. Write for full particulars.

**ELLIOTT & LOWER,**  
Courtland, Kan. (Republic County.)

## Shorthorn Bulls

16 bulls from 6 to 10 months old, got by two splendid Scotch bulls and out of Scotch topped cows of good scale. Not highly conditioned; sure to do well in your hands. Prices very reasonable. Address,  
**V. A. PLYMOT, BARNARD, KAN.**  
(Farm in Mitchell county)

## Shorthorn Bull Special

19 bulls from 12 to 18 months old. Scotch and Scotch topped. Reds and roans. A splendid lot of bulls of popular breeding. Popular prices. Ship over Union Pacific, Rock Island, Mo. Pacific and Santa Fe.

**C. W. Taylor, Abilene, Kan.**  
(Dickinson county)

## Valley View Stock Farm

SHORTHORNS

10 bulls 10 months old. Reds and roans by Diamond Searchlight 208837 by old Searchlight. Some choice cows and heifers bred to Victoria's Baron by Secret Baron.

**POLAND CHINAS**  
10 cracking good March boars sired by Timm 3d by Big Timm. Out of mature sows.

**R. B. DONHAM, TALMO, KANSAS**  
Republic county.

## Shorthorn Sale

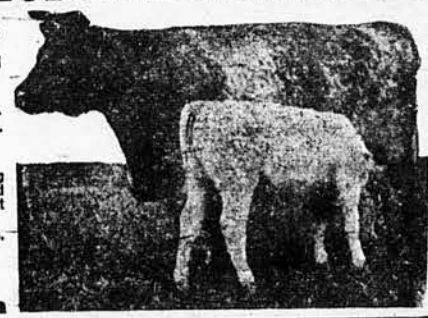
As I have sold my farm, I am compelled to sell my useful herd of registered Shorthorns on OCTOBER 29, 1918, consisting of nine cows, one two-year-old bull, three yearling heifers, two spring bull calves and five calves by mothers' side. Catalogs ready.

**H. J. Smith, LeRoy, Kan.**

## Lookabaugh's Shorthorn Sale List

10 choice herd headers of the richest Scotch breeding sons of Fair Acres Sultan.  
10 Scotch herd bulls, sons of Avondale's Choice and Watonga Searchlight.  
20 head Scotch heifers of reliable families.  
25 Scotch cows, some with calves at foot and rebred.  
15 Scotch topped farmer bulls on the milking strain.  
35 bred heifers, red, white and roan.  
25 open heifers on the milking strain.  
40 Scotch topped cows on milking strain, weighing from 1200 to 1600 lbs., the kind that make good on the farm. Many of these have calves at foot and are rebred.  
A earload of early spring calves, bulls and heifers.

Write or call on  
**H. C. LOOKABAUGH**  
Watonga Oklahoma





## SPOTTED POLAND CHINA SALE

Everything immunized. A big reduction sale of 63 head. Sale at the farm,  
**Gypsum, Kansas, Monday, November 4**  
 Saline County.

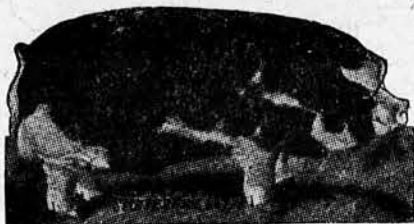
### 9 BROOD SOWS

a few bred, others open.

7 Jan. and Feb. gilts.

6 April gilts.

8 July pigs.



### 4 FEB. BOARS

(winners at Salina), weighing 200 and over sale day. One April boar.

28 dandy pigs just weaned.

Catalogs ready to mail. Address

**E. CHALLIS, Gypsum, Kansas**

Auctioneers: Jas. T. McCulloch, Clay Center, Kan.; W. C. Curphey, Salina, Kan. Fieldman: J. W. Johnson.

## Holstein Dairy Dispersion Sale

A splendid opportunity to buy milk cows that are recently fresh or are now heavy springers.

**Tonganoxie, Kansas, October 23**

Sale at the old J. P. Bridges farm, five miles north of Tonganoxie and five miles east of McLouth.

84 head, which is my entire dairy herd. I am selling because of the scarcity of help. It is a working herd and a money making herd and there will be evidence of it sale day. All stock over six months old tuberculin tested. A splendid registered herd bull one year old to be sold.

Auctioneers: McCulloch & O'Brien.

**PERRY GREEN, Owner**

W. J. O'BRIEN, Sale Manager.

## Absolute Dispersion Holstein - Friesian Cattle At Lake Contrary

**St. Joseph, Mo., October 31**

55 REGISTERED FEMALES, 9 REGISTERED BULLS.  
 30 HIGH GRADE FEMALES.

For catalogs address J. A. FENNER, Care Western Dairy Co., 218 South 5th St. Meet at Western Dairy Co. office, 218 South 5th St., St. Joseph, Mo.

## Registered Jersey Cattle Dispersal

A combination sale of 44 head. Sale pavilion

**Sabetha, Kan., Wednesday, Oct. 30**

This Combination-Dispersal sale of registered Jersey cattle affords the big opportunity of the season to buy choice breeding and individuals at auction. These cattle have all been tuberculin tested. This is your big chance if you want profitable Jersey cattle. Catalogs ready to mail. For one address, H. Wasmund, Sabetha, Kansas.

**C. A. Scoville, E. C. Lahr, H. Wasmund, Owners**

Auctioneers: Jas. T. McCulloch, Clay Center, Kan.; Kistner & Crandall, Sabetha, Kan. Note:—Sabetha is 60 miles west of St. Joe on the Grand Island. Also on the Topeka-Fairbury line of the Rock Island. Ask your R. R. agent to route you. Write for catalog today.

## BLUE RIBBON STOCK FARMS HOLSTEINS—HOLSTEINS

The Blue Ribbon Stock Farms are offering 40 registered cows and heifers, some with from 25 to 28 pound A. R. O. records. Also 80 grade cows and heifers. A few choice registered bulls. We are short of pasture and will make special prices. Write us your wants. We sell dealers and we can sure sell you direct.

**LEE BROS. & COOK, WABAUNSEE COUNTY, HARVEYVILLE, KAN.**

## CHAMPION BLOOD

Twenty-five years of breeding Durocs from the strains that have produced champions.

**HERD BOARS BY ORION CHERRY KING, A KING THE COL., ILLUSTRATOR II, GOLDEN MODEL AGAIN.**

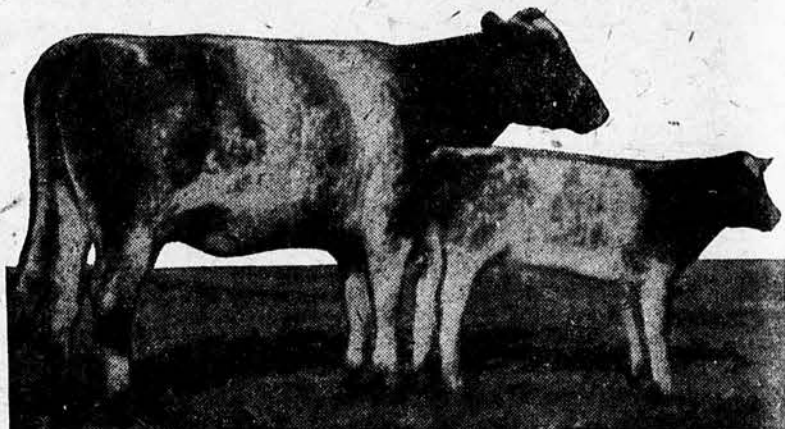
Sows by such sires as Joe Orion II, Long Wonder, Illustrator II, Pal's Col. Jr., Good Enuff Again King and other good families. Big, husky boars and gilts for sale, February and March farrow. Write or come. Farm reached by interurban, from Parsons, or Cherryvale. Stop 64.

**LANT BROS., DENNIS, KANSAS**

## SOUTHWEST MISSOURI SHORT-HORN BREEDERS ASSN. SALE

**AURORA, MO.**

**Wednesday, October 30**



A high class offering consisting of 6 bulls and 30 females. All of breeding age. Some pure Scotch and some Scotch Topped. Some of the cows have calves at foot. Cattle selected from herds of these breeders: H. O. Hartley, Stockton, Mo.; A. W. Hartley, Stockton, Mo.; Ira Askins, Verona, Mo.; S. M. Sparkman, Newtonia, Mo.; Ewing Bros., Morrisville, Mo.; Joe Colley, Larussell, Mo.; A. J. Howard, Billings, Mo.; W. W. Huchens, Cassville, Mo. For catalogs address

**E. H. Thomas, Sale Mgr., Aurora, Mo.**

**So. West Missouri Shorthorn Breeders Assn.**

C. H. Hay, Fieldman.

Col. P. M. Gross, Auct.

## HOLSTEIN Dispersion Sale

Wildwood Farm, 1-2 Mile From

**Enterprise, Kansas, Thursday, October 24**

**55—High Grade Holsteins—55**



consisting of One Registered Herd Bull, 20 cows milking, 10 heifers coming fresh, 15 yearling heifers, 5 heifer calves. This is a real utility lot of milking dairy cattle. Every animal will be sold exactly as guaranteed sale day. All tuberculin tested. Fifteen pure bred Durocs also sell. Sale under cover, rain or shine, at farm 1 1/2 mile west

of Enterprise, Kan. Lunch and conveyance to out of town patrons. Write today for folder giving description and efficient test of each cow. Address

**W. H. Mott, Sales Mgr., Herington, Kan.  
 Or Gish & Smeltz, Owners, Enterprise, Kan.**

Auctioneer, J. T. McCulloch. Fieldman, J. W. Johnson.

## Sept. and Oct. Holstein Bargains

26 fresh cows and heifers that I want to close out at once. Your big opportunity if you want milk. Choice two-year-old high grade heifers bred to King Segis bulls. Springing cows, of good ages. Heifers bred to freshen this fall.

Registered bulls six months to two years. Some of King Segis and good enough to head any herd. 25 registered cows and heifers; some of them of A. R. O. breeding. A few high grade heifer calves at \$30 express paid. When looking for quality and milk production come to the Hope Holstein Farm. Mo. Pacific, Santa Fe and Rock Island.

**HOPE HOLSTEIN FARM**

Address, M. A. Anderson, Prop., Hope, Dickinson County, Kan.



## Large Type Poland Sale

**50 HEAD** Fair Grounds Pavilion **50 HEAD**

Hutchinson, Kan., Friday, Nov. 1



4 TRIED SOWS, 5 OPEN FALL YEARLING GILTS, 20 SPRING GILTS, 20 SPRING BOARS, 1 HERD BOAR (JUMBO BOB) a 2 year old son of Big Bob Wonder

These four-ried sows are the kind you will want. The five open fall yearling gilts are by Jumbo Bob, and out of sows by Joe Wonder; Columbus Defender and Mc's Big Joe. The spring boars and gilts are by Myer's Joe Orange; Jumbo Bob and M.G's Big Bob and out of sows by Mc's Big Joe; Mellow Bob; Blue Valley Timm; Pan Ex. and Columbus Defender.

**The Great Herd Boar Jumbo Bob, by Big Bob Wonder** also sells. He is practically a three-quarter brother of Caldwell's Big Bob. Expansive; the sire of his dam was also the sire of the dam of Caldwell's Big Bob. He is capable of heading any good herd. Write today for catalog.

**Elmer M. Myers, Hutchinson, Kan.**

Auctioneer: J. D. Snyder. Fieldman, A. B. Hunter.

## Pleasant Home Farm Duroc Jersey Sale

20 March boars and 25 March gilts that challenge any like number to be sold this season.

In Sale Pavilion

**Holton, Kan., October 28**

Orion Illustrator K, a wonderful individual and sired by the great breeding boar, The King, who is without question one of the very best breeding sons of Orion Cherry King, sired all of the offering. The dams of the offering are great mature sows by such boars as Model Top, Col. Sensation and K's Golden Rule. Breeders and farmers are invited to this sale. Everything immunized with double treatment. Write me today for my catalog. Address,

**Geo. Klusmire, Holton, Kan.**

Auctioneers: Jas. T. McCulloch, Clay Center, Kan.; C. Pool, Holton. J. W. Johnson, fieldman.

## Fashionable Stock Place Poland China Sale

At Aulne, Kan., Oct. 28

**SIXTY HEAD**

15 Herd Heading Boars 45 Choice Gilts

This sale will feature the get of  
**BIG WONDER 281929**

The outstanding two-year-old son of the noted Big Bob Wonder, first in junior yearling class at Topeka and second at the National Swine Show in competition against the world, 1917.

A number of top sows mated to noted boars were purchased last winter and many of the good things from these litters go in this sale. They include sons and daughters of Eckhardt's Belmont Buster, Wagner's Bestdale Jones, Leonard's Big Jones, Caldwell's Big Bob, A Wonderful King, Big Bob Wonder, Walter's Jumbo Timm, McCord Bros.' Spooner Wonder and Harry Myers' Giant Joe.

HOG HOUSE AND SALE PAVILION AT FASHIONABLE STOCK PLACE

The attraction will be the top gilt from top sow in Caldwell's winter sale. Sold with breeding privilege to my herd boar. All are immuned. We want you at this sale. Send your name for our mailing list. Inspection of herd invited, and information gladly furnished.

**V. O. JOHNSON, AULNE, KANSAS**

## Adams & Mason's Poland China Sale

60 Head—40 Spring Boars, 20 Spring Gilts—60 Head  
Featuring the get of two extraordinary sires—Wonder Timm by Big Timm; Giant Bob by Mellow Bob. These are the sires of over half the offering.

**Gypsum, Kan., Thursday, Oct. 31**

Nothing but the tops go in this sale. Among the special attractions are two boars and a gilt by the renowned Giant Jones. There will be outstanding boars and gilts by the world's grand champion boar, (1917) Caldwell's Big Bob. Some wonderful individuals by Giant Bob and others by Wonder Timm. Others by noted sires such as McGath's Big Orphan, grand champion at Topeka and Hutchinson last year. Others by Gathsdale Jones, Captain Gerstdale Jones and Kansas Wonder, the \$1,000 son of Big Bob Wonder. Many others by noted sires. All are out of dams by Fessy's Timm, Frazier's Timm, Big Bob Wonder, Big Hadley Jr., Long Whats Wanted, Big Bone Model, A Monarch; Big Bone Leader, grand champion at Missouri state fair this year; Long Big Bone and others. Everything immunized. Everything recorded in purchaser's name free of charge. Everything guaranteed. Catalogs ready to mail. Address,

**Adams & Mason, Gypsum, Kansas**

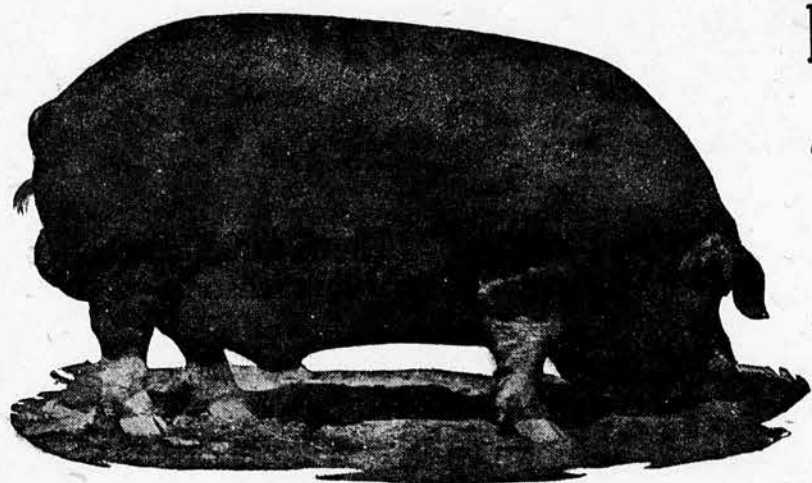
Auctioneers: J. C. Price, Unionville, Ia.; W. C. Curphey, Salina, Kan. Fieldman: J. W. Johnson.

They like to know where you saw their advertisement. Mention Farmers Mail and Breeze when you ask for the catalog.



# Rist's Long Model Poland China Sale

Pavilion, Humboldt, Neb., Oct. 31



RIST'S LONG MODEL.

45 Head All Immune, Many Sired by Prize Winning Boar Rist's Long Model

35 SPRING BOARS; 4 FALL BOARS.

11 good ones sired by Urses Wonder, grandson of the grand champion, Big Urses.

3 FALL GILTS; 3 SPRING GILTS.

2 sows with litters sired by our great young boar, Corn Husker Bob. The sows are daughters of Rist's Long Model.

26 head of the offering are the get of Rist's Long Model, first in senior yearling class (strong competition), Nebraska State Fair, 1918. Write for catalog; mention this paper.

Auctioneer: Col. Herman Ernst  
Jesse R. Johnson will represent this paper.  
Send him bids in my care.

**Frank J. Rist, Humboldt, Neb.**

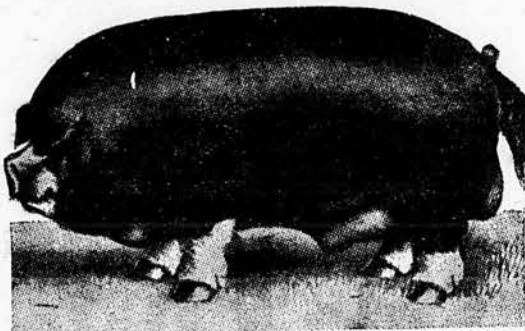
# The Biggest Polands of the Season

Tecumseh, Nebraska, Tuesday, October 29, 1918

40 Head of Real Tops Sired  
By Big Prospect

23 Big Spring Boars. They will weigh up to 300 pounds sale day. 18 outstanding spring gilts.

We make no spring sales and put all of our tops in this sale. There will be 250-pound gilts in this sale.



The Offering Is All Out Of  
Big Mature Sows

Daughters of such boars as

BIG BOB WONDER

A WONDER

BIG URSUS

and LONG CHIEF

**George Brown, Tecumseh, Nebraska**

Auctioneer: Col. W. M. Putman. Fieldman: Jesse R. Johnson.

## The Blue Ribbon Stock Farms 200 REGISTERED HEREFORDS

We are offering cows, heifers, calves of either sex, for sale at reasonable prices. They are large, heavy boned and well marked, good colors and well bred. We are making a special offer of bulls ready for service, delivered at your station Oklahoma, Kansas or Texas, for \$150. Send draft for what you want. **Lee Bros. & Cook, Harveyville, Kan.**

## HILL & KING'S POLAND CHINA SALE

New Sale Pavilion, Fair Grounds  
Topeka, Kan., October 29

40 Spring pigs, 20 gilts, 20 boars. All strictly big type breeding and will weigh up to 250 pounds by sale day. This offering represents, in breeding, some of the best big type herds in the country. Write for catalog.

**HILL & KING, R. 28, Topeka, Kan.**

Auctioneers: Jas. T. McCulloch and C. M. Crews.  
Fieldman: J. W. Johnson.

## Pleasant Hill Stock Farm

Public Sale of Registered Shorthorns and Poland Chinas

Lancaster, Kan., Wednesday, November 6

3 yearling bulls, Scotch topped, two beautiful white ones and a roan. 2 cows that will drop calves this fall. 4 yearling heifers. My Poland Chinas have a reputation for great size and splendid quality. I am selling 23 head in this sale as follows:

8 young sows with litters by their sides; 10 choice March boars, the kind breeders and farmers should buy. 5 March gilts, the kind that please you. All immunized. Catalogs ready to mail. Address,

John Daum,  
Auctioneer.

**H. C. Graner, Lancaster, Kan.**

**PARK E. SALTER, WICHITA, KAN.**  
**Sells 50 Shorthorns At Auction**  
At Forum Sale Pavilion  
Wichita, Kan., Thursday, October 24

## MEADOW BROOK HERD Big Boned Utility Poland Chinas

Am offering an extra choice herd boar two years old. He is a big long fellow and exceptionally smooth and right up on his toes. Also a nice lot of spring boars and gilts at reasonable prices.

**L. P. NICHOLS, KIRWIN, KANSAS**



# Grand Dispersion Sale



## 100 Registered Angus Cattle

### Lawrence, Kansas

### Friday, November 1, 1918



#### 30—BULLS—30

Including all our herd bulls, show bulls, and the get of show bulls.

#### 70—Cows and Heifers—70

Many with calves at foot, some bred and some open. All the pick of breeders and the best blood of the breed.

Remember the date is Nov. 1. Write for catalog.

## SUTTON & PORTEOUS, LAWRENCE, KANSAS

C. H. Hay, Fieldman. Col. Cooper, Auctioneer.

Cols. Cooper and Brady, auctioneers. Parties attending the Angus sale at Carrollton, Mo., October 31, have easy railway connections for this sale the next day.

# The Big Eastern Kansas Poland Sale

## Gardner, Kan., November 2

**Buster Over**  
**Big Jones**  
**Long Bob**

**GIANT JOE**  
Boar in Service  
—IMMUNED—

**F's Big Jones**  
**McGath's Big Orphan**  
**Erhart's Big Chief**

We are selling 50 head of select spring boars and spring gilts sired by these boars and out of dams of equally as good breeding. It is a paramount offering and one that you cannot afford to overlook if in the market for good Polands. Write for catalog.

## H. E. MYERS and O. I. OSHEL, Gardner, Kansas

Cols. J. C. Price and Homer Rule, Aucts. C. H. Hay, Fieldman.

# F. E. Gwin & Sons' All-Star Sale of Durocs

## 50 Head—38 Spring Boars, 12 Bred Sows

All Cholera Immune. There are herd headers in this sale. In breeding and individual excellence, this is the greatest offering of Durocs which will go thru a Kansas sale this year. At

## Washington, Kan., Friday, November 8

### 40 Spring Boars

### 6 Tried Sows—6 Spring Gilts

The actual tops of 400 pigs raised. The boar offering is as follows:

2 BY KING THE COL, dam by I Am Golden Wonder.  
4 BY ORION KING E, dam by Critic B 2nd.  
4 BY INVESTOR, dam by Royal Gano.  
3 BY CHERRY ORION, dam by King's Col.  
3 BY GIANT INVINCIBLE, dam by Grand Model.  
2 BY COL A GANO, dam by Golden King.  
16 by Grand Wonder 6th 232291, one of the best breeding sons of the Champion Great Wonder. His dam is the \$1,200 sow, Grand Lady 2nd, a litter-mate to Grand Model 8th. 6 by Gano's Masterpiece 2nd, a great breeding son of Gano's Masterpiece.  
The dams of these 22 pigs are by The King, Deets Illustrator 2nd, Illustrator 2nd, Critic Model, Select Top, I Am Chief Model 2nd.

bred to or with breeding privilege to the \$2,500 champion and sire of champions, JOHN'S ORION 42853-a, the greatest son of Joe Orion 2nd.

John's Orion has won more first prizes and championships at the big shows than any living boar. He stood first at the International for two years. John's Orion weighed 1040 lbs. as a two-year-old.

John's Orion has sired many top boars and sows, including the 1010-pound John's Combination.

The six tried sows are by Premier Gano, Critic Model, The King, Jr. Orion Cherry King, Deets Illustrator 2nd. The gilts are by Grand Wonder 6th.

FOR CATALOG ADDRESS

## F. E. GWIN & SONS, MORROWVILLE, KANSAS

J. W. Johnson will represent the Farmers Mail and Breeze. Auctioneer, Jas. T. McCulloch.

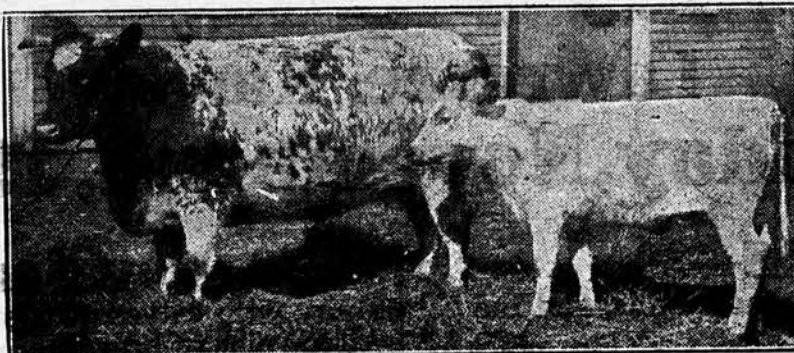


## Retzlaff's Annual Sale of Scotch Shorthorns

At farm near Walton, Lancaster County, Neb., Monday, Nov. 11

### 19 Scotch Bulls

in age from 11 to 15 months, and including the herd bull, 2-year-old Village Carrol. The young bulls are sons of Snowflake, Gloster Goods, Ruberta's Goods, Ruberta's Seal and Village Coral.



This great Scotch cow and heifer sells. Cow bred again to our herd bull.

### 29 Scotch Females

18 breeding cows with calves at foot, or close to calving, to our herd bulls, Snowflake, Gloster Goods and Ruberta's Seal.

11 outstanding good heifers, bred and open.

We are going deep into our good herds in order to put up our greatest offering. Not a poor individual will be cataloged. Write for catalog that shows natural photos of many animals selling and the breeding of everything in the sale.

Auctioneers: Col. H. S. Duncan and Col. Herman Ernst. Jesse Johnson and Wm. Lauer will represent this paper.

**Retzlaff Bros., Walton, Neb.**

## Holstein - Friesian Breeders' Sale

Independence, Kan., Friday, Nov. 1

**80 HEAD OF CAREFULLY SELECTED CATTLE. 70 Head of Cows and Heifers and 10 Bulls Ready for Service.**

A sale full of good breeding and individuality. Read the following sale news carefully. Rigid preliminary inspection of every animal entered in the sale by Prof. W. E. Peterson, expert dairy judge of the Agricultural College at Manhattan, Kan.

Every animal in the sale is sold to be right in every way and every animal guaranteed to be a breeder. Fifteen of the largest and strongest breeders in the state have consigned the good ones from their herds. There are more 25-pound cows, more 23-pound cows, more 20-pound cows and more cattle, both males and females, with 30-pound breeding than were ever offered before in a sale in the southwest.

### THIS SALE IS UNDER THE DIRECTION OF THE STATE ASSOCIATION

and every precaution is taken to give both purchaser and consignor a square deal; concerning its methods, consignors and buyers alike agree that absolute fairness and honesty are enforced by the management. All animals over 6 months of age are tuberculin tested. Catalogs are ready to mail. Address

**W. H. MOTT, Sales Manager, Herington, Kansas**

The semi-annual meeting of the Kansas Holstein-Friesian association will be held the evening of the sale when the Independence Chamber of Commerce will entertain all visiting Holstein folks with a banquet and entertainment. You are invited.

Auctioneers: S. T. Wood, Syracuse, N. Y., in the box; J. E. Mack, Ft. Atkinson, Wis.; J. T. McCulloch, Clay Center, Kan.; Boyd Newcom, Wichita, Kan.; Fred Ball, El Reno, Okla. J. W. Johnson, Fieldman, Capper Publications.

The sale management likes to know where you saw their advertisement. Mention Farmers Mail and Breeze when you ask for the catalog.

## SHORTHORN BREEDERS' SALE

UNDER COVER, RAIN OR SHINE, AT

**Peabody, Kansas, Friday, November 8**

**70 Head of Scotch and Scotch Topped Shorthorns**

Consigned by such breeders as Park E. Salter, John Regier, M. S. Converse, B. L. Taylor, Homan & Son, F. P. Wilson, J. R. Eley and A. J. Dale.

**50 Cows and Heifers, 20 Bulls**

40 head of these cows and heifers either have calf at foot or are in calf to good Scotch bulls. 20 head of unusually good young heifers, mostly roans.

The 20 bulls consist of 5 Scotch and 15 good Scotch topped bulls, a splendid assortment from which to select. The breeder who wishes Scotch breeding stock will find in this sale a number of choice Scotch females also Scotch herd bull prospects. The farmer and beginning breeder will also find here plenty of choice Scotch topped breeding females and young bulls to head their herds. This sale has been planned and consignments made by the above breeders, largely for the purpose of giving buyers a chance to purchase the kind of cattle most suited to their wants. Write today for illustrated catalog. Address

**O. A. HOMAN, Sale Manager, Peabody, Kan.**

Auctioneers: Theo. Martin, Boyd Newcom, Fred Graham, Herman Lower. Fieldman, A. B. Hunter.



**J. R. Whisler**

—SELLS—

**Short-horns**

**Watonga, Okla.,**

**Monday,**

**November 11**

**50 HEAD THAT WILL PLEASE**

40 cows and heifers from producing ancestry, including choice Scotch specimens from noted tribes. 18 cows with calf at side, others showing heavy; also a choice selection of bred heifers. All calves are sired by and the bred cows and heifers are safe to such sires as Baron Avondale, Ardmore's Choice and Choice Goods 549585 by Clan Alpin 2nd. A number of these cows and heifers were selected for foundation stock. They are a business lot that will satisfy.

**10 Bulls of Type and Character are Listed**  
**The Herd Bull Baron Avondale also Sells**

This son of the noted Avondale, out of Lady Augusta 74630 (whose dam was imported Lady Augusta 7611 carries one of the choicest pedigrees of the breed. He is a straight Bruce Augusta that has made good in my herd and will put you in the king row as a breeder. A number of his sons and daughters are the tops in this sale. The other 9 are the type, thick fleshed, heavy boned kind that will attract and please. They are sired by Baron Avondale and Ardmore's Choice.

**IMPORTANT**

A herd bull demonstration will be given the morning of the H. C. Lookabaugh sale, Tuesday, November 12, at 11 o'clock for all those interested in the improvement of better livestock, and to demonstrate the value of a sire. Short talks by Professor Cochel and prominent breeders will be given. Remember the banquet the evening of my sale. Arrange to attend both sales. For catalog address

**J. R. Whisler**  
**Watonga, Okla.**

Auctioneers: Hurt, Herriff, Odell, Fieldman, A. B. Hunter.

**Lookabaugh Has Selected and**

**H. C. Lookabaugh Will Sell**

**To the Breeders and Beginners**

**At The Pleasant Valley Stock Farm**

**Watonga, Oklahoma,**

**Tuesday, November 12, 1918**

5 Real Herd Bulls That Will Make You Noted as a Breeder, sired and backed by the Prepotent Fair Acres Sultan; the \$16,500 International Grand Champion, Village Supreme; Imported Villager; Douglass Brilliant (one of the greatest bulls of Scotland) and Pride of the Dales, a noted breeding son of Avondale.

**Make Your Selections From the Following:**

**BULL. LOOKATONGA SULTAN 610533.**

Roan, calved Jan. 20, 1917. Bred and owned by H. C. Lookabaugh.

Got by Fair Acres Sultan.

Glendale Maid 3rd.....Royal Wanderer .....  
Village Maid 3rd.....Aberdeen Chief .....  
Village Maid 2d.....Abbotsford .....  
Village Maid .....Earl of Mar.....  
IMP. Village Blossom....Ben Wyvis .....

**BULL. IMPORTED DOUNE ROYALIST.**

Roan, calved Apr. 1, 1915. Bred by Earl of Moray, Perthshire, Scotland. Owned by H. C. Lookabaugh, Watonga, Oklahoma.

Got by Douglass Brilliant.

Rosewater 10th .....Golden Hero .....  
Rosewater .....Luxury .....  
Rosewood 65th .....Gold Casket .....

**BULL. SENSATION 576374.**

White, calved March 18, 1917. Bred by Ogden & Son. Owned by H. C. Lookabaugh.

Got by Village Supreme.

Sweet Avondale .....Snow King .....  
Victorial Avondale .....Nonpareil Avondale .....  
Maple Victoria .....Headlight .....  
IMP. Sittytton-Victoria....Prince William .....

**BULL. SUSAN'S AVONDALE 446389.**

Roan, calved Aug. 3, 1914. Bred by Carpenter & Ross. Owned by H. C. Lookabaugh.

Got by Pride of the Dales.

Susan 5th .....Ceremonious Archer .....  
Susan 3rd .....Lancaster Comet .....  
IMP. Susan 2d.....Mountain Archer .....  
IMP. Susan .....Hall Mark .....

**BULL. DOUBLE VILLAGER 489660.**

Red, calved Dec. 23, 1915. Bred by Upermill Farm. Owned by H. C. Lookabaugh.

Got by Villager.

Rosetta Grassland 3d.....Villager .....  
Rosetta Grassland 2d.....Conqueror .....  
IMP. Rosetta 12th.....Scottish Prince .....

**20 Scotch Cows and Heifers to Grace Your Herds and Make You Permanent as a Breeder**

**COW. PLEASANT MISSIE 596266.**

Roan, calved Jan. 4, 1917. Bred and owned by H. C. Lookabaugh, Watonga, Oklahoma.

Got by Fair Acres Sultan.

Missie of Glenview.....Avondale .....  
Lady Missie 9th.....Prince Victor .....  
Lady Missie 2nd.....Godwin .....  
IMP. Collynie Missie.....Nonpareil Victor .....

**COW. IMPORTED LADY CAROLINE 10th 680013.**

Red, calved Apr. 30, 1915. Bred by Lord Lovat, Scotland. Owned by H. C. Lookabaugh.

A Cruickshank Broadhooks.

Got by Royal Prince Goldie.

Lady Caroline 3rd.....Master Millicent .....  
Maid of Underly.....Merlin .....

Lady Orange Blossom 4th by Missie's Robin, second dam, Imported Orange Blossom 55th, and such other families as, Missie, Averno, Broadhooks, Countess, Orange Blossom, Rosebud, Victoria, Secret, Butterfly, Alexandrian, Lovely and Undine Maid.

**COW. PLEASANT AVERNE 608717.**

White, calved Mar. 17, 1917. Bred and owned by H. C. Lookabaugh, Watonga, Oklahoma.

Got by Fair Acres Sultan.

Maxwalton Averno 2d.....Boquhan Monarch .....  
Annagathle .....Whitehall Count .....  
IMP. Avalanche .....Mescombe .....  
(The Dam of Avondale)

**COW. IMPORTED MILDRED 677647.**

Roan, calved Apr. 7, 1911. Bred by Alex Macdonell, Scotland. Owned by H. C. Lookabaugh.

Got by First Monarch.

Norette .....Master Millicent .....  
Norah .....Fowler .....  
Snowdrop .....Jubilee Star .....  
Fanny .....Bachelor of Arts .....

**45 Reliable and Profitable Cows and Heifers**

30 cows with calves at foot or showing heavy in calf, a number are rebred to such sires as Pleasant Dale Choice, Sultana's Sultan, a son of Fair Acres Sultan, and Imported Doune Royalist. 15 bred heifers, reds, whites and roans, of the milking strain. 5 heifer calves selected for boys' and girls' calf clubs.

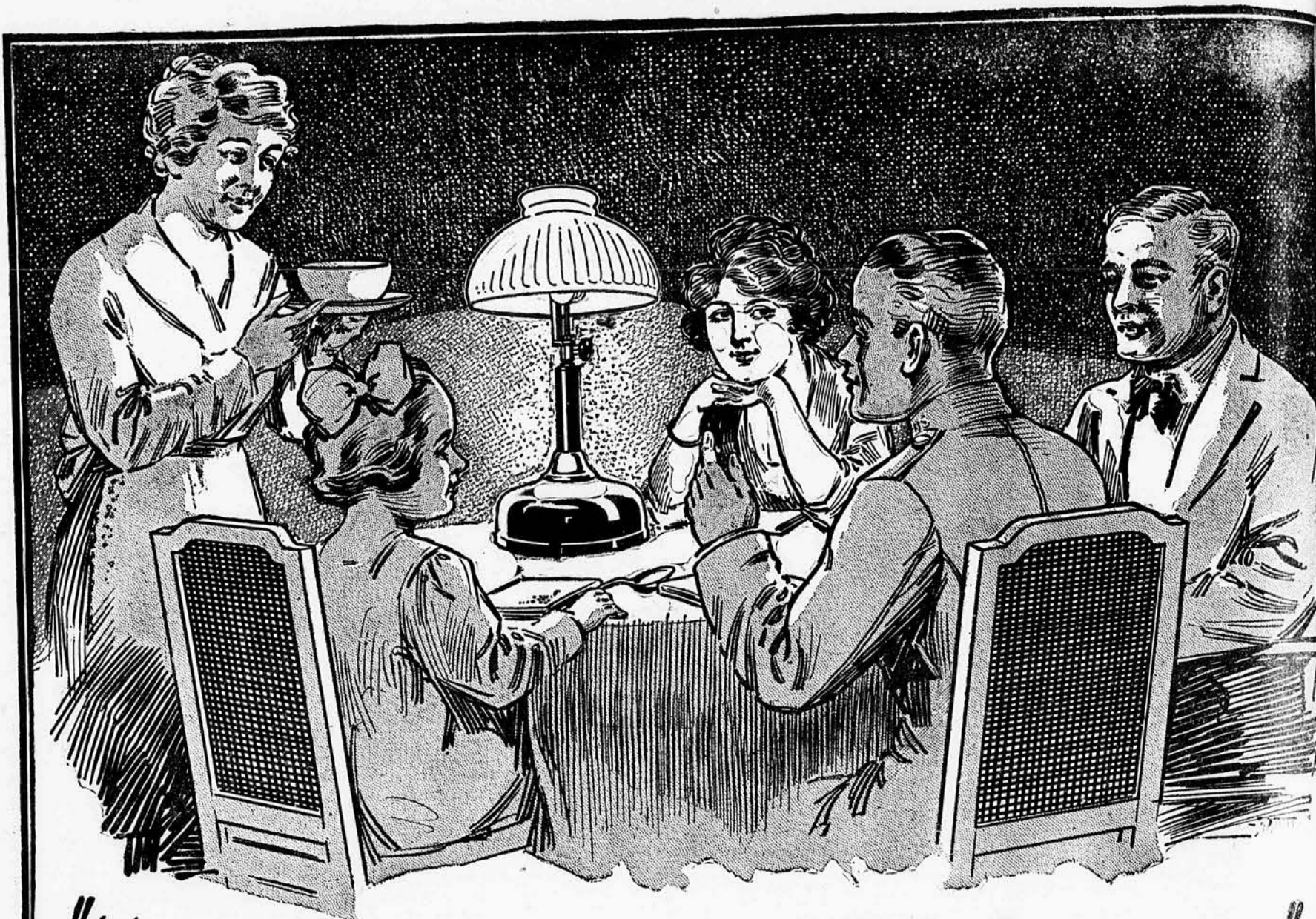
**IMPORTANT**

A herd bull demonstration will be given at 11 o'clock for all those interested in the improvement of better livestock and to demonstrate the value of a sire. Short talks will be given by Prof. Cochel and prominent breeders. Remember the banquet the night before the sale and that J. R. Whisler will sell the day before, Monday, November 11. The catalog will be interesting and instructive. Write today for it and plan now to attend both sales.

**H. C. Lookabaugh, Watonga, Oklahoma**

Auctioneers: Gross, Herriff, Hurt and Odell. Fieldman: A. B. Hunter



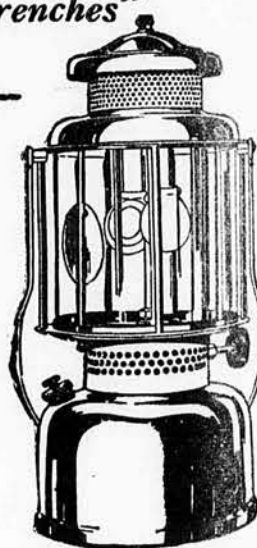


*"Mother—that's the greatest light I ever saw!"*

*said Tom, just home on furlough--"We had Quick-Lite Lanterns in the trenches"*

The Coleman Quick-Lite is indeed the greatest home light—marking the farthest advance in the development of artificial lighting. Makes and burns its own gas from common gasoline. Gives a remarkably brilliant white light, without a glare or flicker—steady, soft, mellow, enabling one to match the most delicate colors or read the finest print. Saves the eyes, and simplifies your work.

No trouble to care for, no bother with daily cleaning, no chimneys to smoke or break. No wicks to trim. No odor, no soot, no dirt or trouble. No delay hunting around for a torch. Just hold a lighted match under the patented coil, and directly you have an astonishingly brilliant light, more powerful than electricity, more light than 20 coal oil lamps would give, cheaper to use than all others, and absolutely safe. The



The Coleman Quick-Lite is made of nickel-plated brass, highly polished. Comes in a variety of shades. Universal shade holder fits any shade you wish.

Guaranteed Five Years—will Last a Lifetime. Every Coleman Quick-Lite Lamp and

Lantern is carefully inspected at our plant before shipping. Each is guaranteed for FIVE YEARS against defective workmanship or material. Will give years of satisfactory service.

## Coleman Quick-Lite

*Lights with Common Matches*

THE QUICK-LITE LANTERN operates on the same principle as the Quick-Lite Lamp. Many of these lanterns are in use in the trenches in France held by the American Forces. The lantern lights with a match just like the Coleman Lamp. No alcohol torch needed. 300 candle power of most brilliant white light, a regular day-light maker. Equal to 20 oil lanterns. Storm-proof, bug-proof—burns perfectly in any wind, at any temperature, or any weather, and in any position, even upside down. Will keep right on shining in places where impossible to keep an oil lantern lighted. Most convenient light for farm and out-door use. Perfectly safe in the hay loft or granary. Absolutely no danger of fire or explosion even if accidentally overturned. Most brilliant and satisfactory all-purpose light known.

See your dealer and ask him about Coleman Lamps, Lanterns and Lighting plants. Insist on the genuine—THE QUICK-LITE—the invention of W. C. Coleman, originator of the gasoline table lamp. If your dealer can't supply you, write our nearest office for catalog No. 12.

THE COLEMAN LAMP COMPANY

(Originators of Gasoline Lamps and Lanterns)

WICHITA

ST. PAUL

TOLEDO

DALLAS

CHICAGO

Largest Manufacturers of Gasoline Lamps, Lanterns and Lighting Systems  
Awarded Highest honors at Panama-Pacific Expositions, San Francisco and San Diego