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# The FARMERS MAIL AND FREEZE

## Make Money by Spreading Straw

By John W. Wilkinson  
Associate Editor

**F**ARMERS TOO often look upon the straw stack as a nuisance rather than as a blessing, and do not always turn it to the best account. I sometimes have wondered why so many farmers complacently set fire to their straw when by so doing they actually burn up both money and soil fertility. Nearly every year in the fall and winter I have seen the prairies of Missouri, Kansas, Oklahoma, and Texas lighted up night after night by the glow from burning straw stacks that should have been saved and turned to a better use. Every person who has seen this wanton waste of valuable material naturally wonders whether such fire fiends are too indolent to haul the straw out and spread it over the field, or whether they are ignorant of the value of straw for feeding and bedding for livestock, and as a fertilizer for the soil. Possibly in most instances it is done because it always has been the community custom to burn the straw, and no one dares to break the sacred precedent.

Burning straw is a wasteful and wanton practice that should be prohibited by law in every state, and the punishment provided should be just as much as that prescribed for burning a house or any other piece of property of community value. The man who willfully burns a straw stack is but little better than a common criminal and should be treated as such. Anyone who is careless and reckless with the torch is a dangerous citizen in any community.

Aside from its use as feeding and bedding for livestock, straw will be found of great value as a top dressing for wheat when applied in November or December after the ground has had a light freeze. When applied at this time it will protect the young wheat from severe freezing weather that usually follows in January and February, will collect and hold the snow which will afford an additional protection against high cold winds, and when the snow melts there will be provided an additional reserve supply of moisture. Then in wet and freezing weather or heavy sleet it will prevent sheets of ice from forming close to the ground and smothering out the wheat. Later in February and March when it is freezing at night and thawing in the middle of the day the straw will protect the young wheat against sudden changes in temperature that may come almost any time.

A top dressing of straw is also very beneficial on soil that is of a sandy nature or blowy type. It helps to check the drifting of the soil, and thereby prevents the roots of the young wheat plants from being uncovered and exposed to the drying action of the winds. Thousands of acres of winter wheat are killed every year by heavy frosts and severe freezes that might be saved if properly top-dressed with straw at the rate of  $1\frac{1}{2}$  to 2 tons an acre from November 1 to January 1. No one need have any fear of a thin top-dressing of straw affording a harbor or winter quarters for chinch bugs when applied at this time. There is not likely to be any bugs in the straw, and those in the fields will have already sought shelter in the weeds and trash along the fence rows which can be burned over before the straw is applied. "The scattering

of wheat straw as a top dressing for wheat," says George A. Dean, state entomologist for Kansas, "will not harbor chinch bugs at this time of the year. These bugs are now in their winter quarters, and will not emerge until next spring. Even if the straw had been put on

earlier, or before the chinch bugs were in their winter quarters, I feel safe in saying that it would not provide sufficient protection to the bugs to enable them to pass the winter there."

On loose sloping ground that is inclined to wash badly after heavy rains the top-dressing of straw aids in checking the erosion and stops the soil waste. It also adds materially to the fertility of the soil and therefore increases the wheat yield. According to Dr. Cyril G. Hopkins of the University of Illinois a ton of wheat straw contains 10 pounds of nitrogen, 2 pounds of phosphorus and 18 pounds of potash; while oat straw contains 12 pounds of nitrogen, 2 pounds of phosphorus, and 21 pounds of potash. On first sight this amount of fertilizing material may seem large, but when you consider that in a 2-8-2 commercial fertilizer it requires 500 pounds of the material to provide the 10 pounds of nitrogen, that it requires five-eighths of a 100 pound sack to supply the phosphorus, and that it takes from 300 to 900 pounds of fertilizer to provide the potash, you get a very different idea of the value of straw.

The best results will be obtained when the straw is distributed uniformly over the wheat before the hard freezing weather of winter comes. There are a number of excellent straw spreaders on the market and all that I have seen have given excellent satisfaction. I am sure that a uniform top dressing of straw applied with a good spreader will prevent to a large extent the winter-killing of wheat. "One of the best ways of utilizing straw," says Prof. L. E. Call of the Kansas Experiment station, "is to scatter it as a light top dressing on wheat. Care should be taken, however, to scatter the straw evenly and thin. In my opinion it never is advisable to apply more than a ton of straw to the acre. Straw is of greatest benefit to wheat in seasons when the wheat makes a small growth in the fall, and is therefore likely to suffer from winter-killing during the winter."

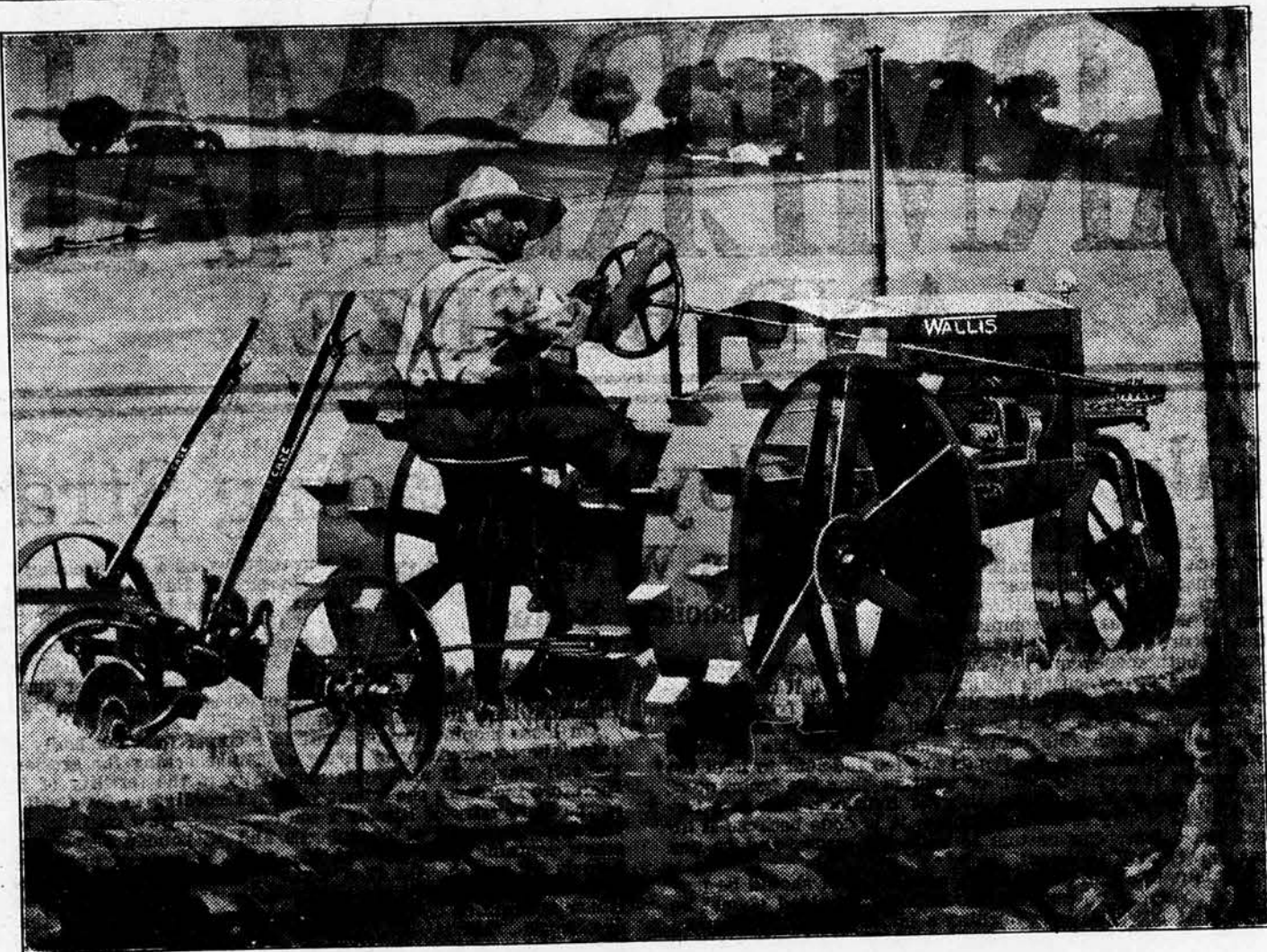
Interesting experiments in the use of straw as a top dressing for wheat have been conducted in South Dakota by Prof. Manley Champlin of the South Dakota College of Agriculture. "At Eureka," says Prof. Champlin, "where winter wheat cannot be grown by ordinary methods we have found that by mulching it with 3 tons of straw to the acre in November we can save the wheat every time it is used. At any rate we saved the crop in this way in 1915, 1916, and 1917, three years out of three, when non-mulched wheat went out. In our experiments at Highmore we learned that it was very important to do an even job of spreading, and in 1917 our winter wheat survived with 20 to 80 per cent stand under the mulch, while the fields not mulched were a total loss."

Experiments in Iowa show that when from 2 to  $2\frac{1}{2}$  tons of straw an acre were applied with a straw spreader, the yields of wheat on the straw covered areas were larger and graded higher (Continued on Page 18.)



The Best Results Will be Obtained when the Straw is Distributed Uniformly over the Wheat before the Hard Freezing Weather of Winter Comes. This Can Best be Accomplished with a Good Straw Spreader.





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# The Livestock Champions at Chicago

*Entries in Breeding and Fat Classes Set New Standards for the International Livestock Exposition*

By Frank M. Chase, Associate Editor

**A**S THE CHAMPIONS were chosen for the various divisions of fat cattle, whether purebred, grade or cross-bred, or by ages, interest at the ringside grew constantly more tense. Repeatedly the eager spectators so thronged about the animals as to interfere with the judging, and had to be kept back by the aid of police. At last the best junior animal stood in a narrow ring matched with the best steer of the senior classes, the decision resting with George Cran, the businesslike Scotch judge, who placed both the Angus breeding and fat classes, the grades and cross-breeds and the champion steers. Cran knew thoroly the two animals and hesitated no longer than to give the crowd time to understand the situation. A nod at the senior steer, and the highest honor of the cattle kingdom was placed on Fyvie Knight 2d, the purebred junior yearling Angus exhibited by Purdue University.

The feeds given this steer consisted of cracked corn, oats, barley, oil meal, silage, clover hay and a few chopped mangels. The silage, clover hay and roots were limited, as it was desired to have him take all the grain that he would. Jack Douglas, the Purdue herdsman, superintended the feeding of the steer. Fyvie Knight 2d never had a nurse cow, his own dam, Fancy Queenette, supplying all of his milk.

The sire of the latest grand champion is Blackbird Prince 4th. Fyvie Knight 2d was born February 20, 1917, and weighed 1,350 pounds. He was sold at auction to Wilson & Company for the record price of \$2.50 a pound. The highest price previously paid for a grand champion steer was in 1917, when Merry Monarch, a Shorthorn which was also exhibited by Purdue, brought \$2.10 a pound. California Marvel, a senior yearling shown by the University of California, was the champion Shorthorn this year.

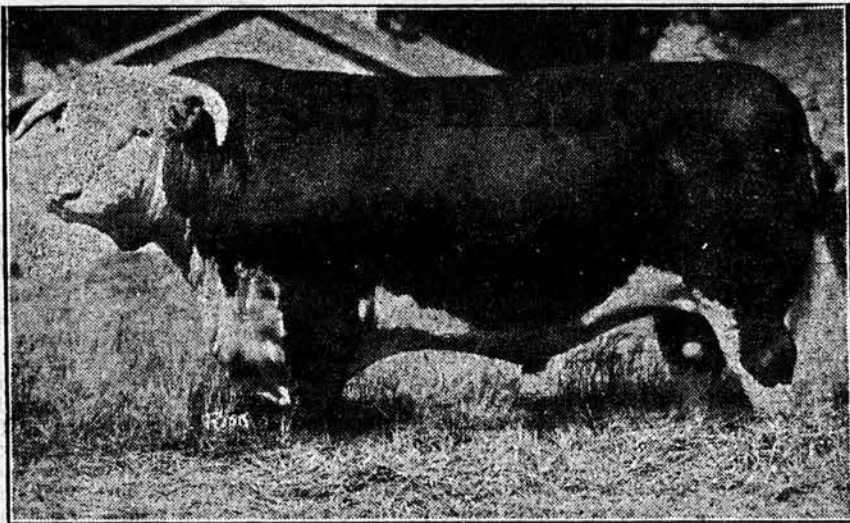
The reserve champion steer was Black Beauty, a grade Angus shown by E. P. Hall of Mechanicsburg, Illinois. This animal was born September 17, 1917, and was one of the steers shown also in the first prize carload of grade Angus exhibited by Hall.

## Kansas Cattle Make Records

Kansas was well represented in the classes for fat cattle by its state agricultural college. Out of showing for three championships, the college won two. In the fat Hereford division the Kansas State Agricultural college showed the champion steer, winning on Victor Hessler 182, a senior yearling. It also won first place in senior calves on Fancy Rupert; first in steer heads and seventh in junior yearlings. In fat Shorthorns the college won third in senior yearlings, on Golden Dale 2d; third in junior yearlings, on Gwendale; first and second in junior calves, on Matchless Type and Envies Dale; third and eighth in senior calves and second in herd of three steers. In fat Galloways, the college winnings were first in junior yearlings, fifth in junior calves and the champion. It also won fifth in the fat Angus senior calves. Summarizing the Kansas State Agricultural college showed in 12 classes, winning five firsts, two seconds, three thirds, two fifths, one eighth and one seventh.

Kansas finds further cause for self-congratulation in the winning of the championship carload of cattle in the yearling, or Hoover-Cotton, special classes. In these classes quality and finish counted 50 per cent, gain 25 per cent and economy of gain 25 per cent. This championship went to the carload of Herefords from the D. D. Casement herd at Manhattan. This group of cattle was fed and exhibited by Mrs. Casement, her husband being a captain in service in France.

An unusual amount of stock of high quality was shown in the carlot classes this year. After much difficulty the eliminating committee brought the entries down to 58 carloads, 14 of these being the Hoover-



Repeater Junior, Grand Champion Hereford Bull at the International Livestock Show. He is Owned by O. Harris & Sons.

Cotton or shortfed specials. J. W. Frazier of Rardin, Illinois, had the grand championship load. These were yearling grade Herefords, and narrowly won over the Hall grade Angus steers, among which was the reserve champion steer. Frazier's cattle came from the S. M. S. ranch of Texas. A. E. McGregor of Washington, Kansas, won first and second places in the South Central district on two-year-old Herefords, and second on two-year-olds in the shortfed special class.

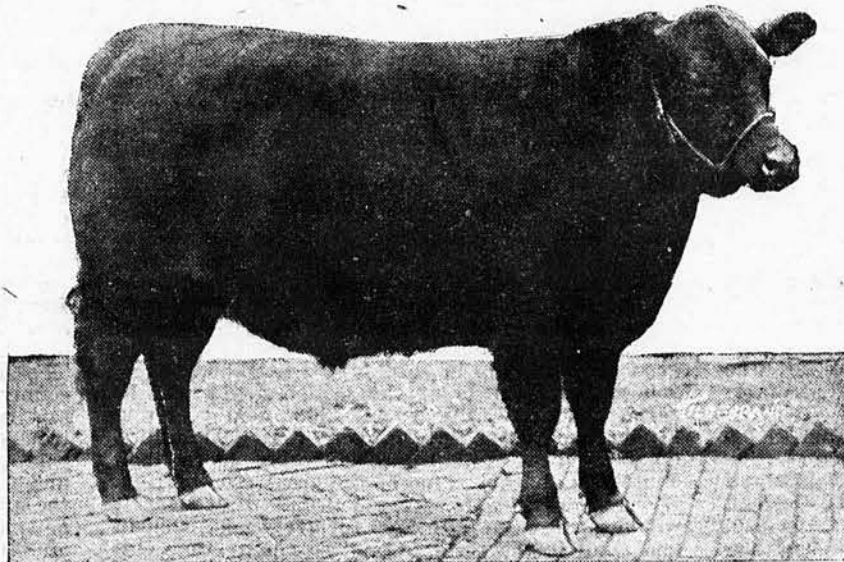
Tho not so extensively as in the cattle classes, Kansas was represented in the fat swine show by agricultural college entries. In the fat Duroc-Jerseys the Kansas State Agricultural college had sixth place in the barrows between 12 and 18 months old and seventh in the pen of five barrows contest. The grand champion barrow was a Chester White exhibited by the University of Illinois. The University of Missouri won the grand championship in the class for pens of fat barrows with three Poland Chinas. These barrows were 18 months old, and weighed slightly more than 550 pounds apiece as an average. In the carload classes for fat hogs Hampshires won the grand championship for Gus Meyer of Elwood, Indiana.

In the fat sheep classes the Kansas State Agricultural college again held up the reputation of the state by showing in 10 classes, winning five firsts, 2 seconds, 4 thirds and one championship. The championship was in the division for grades and cross-breeds. The college won first in yearling grades and crossbreeds and in pen of yearlings. In the Hampshire fat classes the college obtained second and third places, third in lambs and first in pen of three lambs. In the

fat Dorsets it won third in yearlings, first and third in lambs, and first in pen of lambs. J. C. Andrews of West Point, Indiana, exhibited the grand champion wether, which was a purebred Southdown. Heart's Delight Farm of Chazy, New York, won the grand championship in the carload division.

No previous International was ever fraught with so much interest to the purebred beef cattle industry as the exhibition that closed last week at Chicago. The war, throwing the meat and general food conditions into greater relief than ever before, of course was the cause for the great impetus to the breeding business that was reflected so perfectly at this exposition. All of the major breeds of beef cattle were represented by entries more numerous than in any past year, and surprising increases in the numbers of entries for the minor breeds were made. Shorthorns led in the number of cattle shown. Almost-equaling the Shorthorn showing was that made by the Herefords. The Aberdeen-Angus, too, had a wonderful exhibition of quality animals, the ranking third in the number present.

Lord Rhybon, the two-year-old bull shown by William Hartnett of Waukesha, Wisconsin, featured the Shorthorn exhibition. This animal was made senior and grand champion. He was imported last summer. In the international sale of Shorthorns, Lord Rhybon brought \$15,000. The buyer was Mrs. Duryea, who expects to use him on the Lespedeza Farm of Tennessee. In this auction 44 animals sold for an average price of \$2,307.40 apiece, Lord Rhybon being the top. The junior champion bull of the show was Anoka Omega, a senior bull calf owned by Anoka Farms of Waukesha,



Fyvie Knight 2d, the Grand Champion Steer, was a Purebred Junior Yearling Angus, Bred, Fed and Exhibited by Purdue University.

Wisconsin. Goldie's Ruby, two years old, won the senior and grand championship honors in the female classes for Reynolds Brothers, of Lodi, Wisconsin, W. C. Rosenberger & Sons of Tiffin, Ohio, captured the junior championship on his junior yearling heifer, Clover Leaf Gloster.

To Robert H. Hazlett of Eldorado, Kansas, was left the task of maintaining the reputation of Kansas for Herefords in the showing of these animals. Numerous prizes went to the Hazford Place entries. They were eighth place in two-year-old bulls, 15 being shown, on Vernet Prince 43d; third in senior yearling bulls on Beau Blanchard 54th; third in a class of 20 junior yearling bulls on Bocaldo 11th; third in senior bull calves, 27 being shown, on Publican 7th; sixth in junior bull calves on Bocaldo 17th; fourth in two-year-old cows on Yerba Santa; fifth in a class of 23 senior yearling heifers on Ozona and third in young herds.

O. Harris & Sons of Harris, Missouri, were consistent winners in the Hereford classes, especially in the bull classes. Repeater Junior, two years old, won the senior and grand championships for the Harrises, and their Repeater 129th annexed the other bull championship. Belle Blanchard, a three-year-old cow, won the senior championship for John W. Van Natta of La Fayette, Indiana, but gave way to Madam Donald, a junior yearling shown by Frank P. Fox of Indianapolis, Indiana, for the final honor. The first prize aged Hereford bull was Grand Champion Wyoming, shown by W. N. W. Blayne of Denver, Colorado.

In the Angus division Evenest of Bleaton won the senior and grand championship places for Clarence W. Eckardt of New York City. The junior bull championship went to Escher & Ryan of Irwin, Iowa, on Bar Marshall. J. S. Caldwell & Sons of Chillicothe, Ohio, won the senior and grand championships on their two-year-old cow Hilldale Pride 9th. The junior championship went to C. D. & E. F. Caldwell of Burlington Junction, Missouri, on the junior yearling heifer Eritus 5th. In the Angus sale at the International the females brought an average price of \$990 and bulls \$844.

## Other Winning Classes

The Red Polled breed was represented by more herds than in past years. There were eight herds of Polled Durhams. Four herds of Galloways were present. One of the Gallo-way exhibitors was H. Croft of Medicine Lodge, Kansas, who won all firsts but one. This was the class for junior bull calves, in which Straub Brothers of Avoca, Nebraska, won.

A particularly healthful condition was found in the show of draft horses. Altho the entries in these classes were considerable fewer than last year, more breeders were represented by the horses on exhibition. The long strings of horses that the large dealers and importers formerly brought to the International were noticeably absent; lack of help kept many of these horses at home, and also the horses of many other small breeders who otherwise would have been there. But the absence of numbers meant no sacrifice in the quality of the top horses in virtually every class. The senior Percheron stallion was the aged Mitral, shown by J. O. Singmaster & Son of Keota, Iowa. The two-year-old stallion, Quanton, owned by the Delchester Farms of Edgemont, Pennsylvania, was the junior champion.

Almost without exception the hog and sheep classes were well filled, the total number of entries for both kinds of animals showing a good increase over the preceding year. The Duroc hog show was especially good, and was so large as to overflow the pens provided for the breed. In the sale of 54 Duroc sows from the Brookwater Farm, the average price obtained was \$428. The senior sow, Brookwater Lass D, which was born in June, 1916, topped the sale at \$2,225.



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# Passing Comment—By T. A. McNeal

## Universal Military Training

**T**HE MEN who are insisting that the United States should adopt a system of universal compulsory military training after the war are always careful to insist that this would not mean establishing a system similar to that which Germany had before the war. And yet before the war the gentlemen who were then favorable to universal military training held up Germany as a shining example of what it did for that people, and also declared, just as Roosevelt and other advocates of compulsory training are declaring now, that it was preserving and had preserved the peace of Europe.

Price Collier, one of the great publishing firms, and interested in Collier's Weekly, wrote a book as late as 1913, one year before the outbreak of the great world war entitled "Germany and the Germans," in which he said of the German army: "It is the best all-around democratic university in the world; it is a necessary antidote for the physical lethargy of the German race; it is essential to discipline; it is a cement for keeping Germany together; it gives a much-worried and many times beaten people confidence; the poverty of the great bulk of its officers keeps the level of social expenditure on a sensible scale; it offers a brilliant example in a material age, of men scorning ease for the service of their country; it keeps the peace in Europe; and until there is a second coming of a Christ of pity and patience and peace, it is as good a substitute for that far-off divine event as puzzled man has to offer."

And this was written and published by a supposedly brilliant, educated American only one year before the invasion of Belgium and France with all the manifold horrors of that invasion by this same delectable army which Mr. Collier declared was "the best all-around democratic university in the world."

In view of what has happened since Collier wrote his book it cannot be expected that the arguments now put forth in favor of universal compulsory military training will be listened to with any considerable degree of patience. Well, there is some little satisfaction in knowing that supposedly wise statesmen and scholars have little more sense, and often not as much as the common plug citizen who is not known outside the confines of the township in which he lives.

I observe in this connection that it is proposed to nominate either General Pershing or General Wood on the Republican ticket in 1920. So far as Pershing is concerned, if he has ever expressed himself on the subject of universal compulsory military training after peace is declared, I have not heard of it, but General Wood is an ardent advocate of the military policy. Therefore, so far as I am concerned General Wood is wiped off the slate. He is a man of ability and no doubt possessed of many admirable qualities, but he is wedded to the militaristic idea. Probably the same thing is true of Pershing. Naturally he would take the militaristic view, altho one prominent and able soldier, General Miles, does not hold that view. It is significant also that despite her unpreparedness at the beginning of the war, England does not intend to adopt the policy of compulsory military service. Certainly if there is any country in which the policy is justified that country is England.

## People of the Same Tongue

A generation ago if anyone had seriously predicted that the time would come in the United States when honor would be paid to the British empire by the celebration of British Day, he would have been considered either somewhat weak minded or else just a British sympathizer who really had no business to be in the United States at all.

The change of opinion toward the English began with the Spanish-American war when we discovered that the English navy was ready to stand by our own navy and fight if need be the German navy. That was a revelation to a good many people, altho if they had been close students of history they would have known that there has always been a desire for friendship with the people

of the United States among the English people. Even during the Rebellion when the British government gave just cause for complaint to the North, the majority of the English people were really friendly to us and this fact must be remembered, that in spite of the urging of the third Napoleon, the British government did not recognize the Confederate government and that fact was of very material help to the North in that great struggle. The truth is that there is a strong bond of sympathy between the English and us. We are of one tongue and, barring the fact that the English still stick to the form of royalty, there is much in common in their ideas of government and our own.

Just why they stick to the form of royalty I do not know, neither do I greatly care, because as a matter of fact they are a self governing people as much as ourselves. If they still want to have a king with nominal but not with real power as a sovereign that is their lookout. It would not suit me but then I do not have to live in England. It must be conceded, and that is one of the things that are binding the people of the United States and Britain together, the Britisher is a good sport and not a blowhard. In the war just ended the English suffered tremendously but they have never whined and they never proposed to quit. They have been frank about telling of their losses and their mistakes, in fact they have told the worst side for themselves rather than trying to make excuses. From now on as I hope and believe, there will be a closer fellowship, a stronger friendship between the people of Great Britain and the people of the United States, than there has ever been before.

## Figuring On Future Biscuits

There is an old adage "Never count your chickens before they are hatched." That is all right if it means that you are not to incur obligations to be paid for by a future hatching of fowls but if it means that we are never to take any pleasure out of anticipation then I am against the adage. Why not indulge in the pleasures of hope?

If it were not for the pleasures of anticipation more than half the joy of living would be gone. If it were not for the sustaining grace of hope Kansas would have been depopulated long ago and never would have made the wonderful record it has.

All this is preparatory to some speculation about next year's wheat crop. To begin with there is at this time no evil to result from optimistic speculation as to what next year's wheat crop will be, for the reason that the price is already determined whether the crop be large or small. There have been times when wheat raisers complained that predictions of a big crop were taken advantage of by the grain speculators to depress the market and get the farmer's wheat at less than a fair price, but this will not apply to next year's crop.

According to the report of Jake Mohler, secretary Kansas state board of agriculture, there are nearly 11 million acres of wheat fields in Kansas this year, more than the total area of two or three of the New England states combined. And nowhere is the condition rated at less than 90 per cent of a theoretically first class condition. Never since the wonderful fall of 1913 has there been such a prospect and this year there are a million acres more of wheat fields than there were that fall.

Even if something should happen to cut short the crop next spring there is nothing that can prevent the wonderful pasture crop for the rest of the fall and winter. There was a shortage of feed but the great winter pasture will more than make up for that and stock will go thru the winter in better condition than for years. The yield in 1914 was 180 million bushels. If the acre yield is as good next year as in 1914 in the neighborhood of 200 million bushels of the golden grain will be gathered from Kansas wheat fields next year and its market value will be more than 400 million dollars. That will be considerably more than double the market value of the great crop of 1914. If evenly divided among the people of Kansas it would mean more than \$240 for every man, woman and child in the state. Counting the average size of the families of the state at five it will mean more than \$1200 for each average family.

Of course the people will not share equally in this prosperity. They never do. But the fact still remains that practically everybody does share in this kind of prosperity to some extent.

And wheat will be only one of the great crops of Kansas next year. As the cattle and hogs and sheep will likely go thru the winter in excellent condition, next year is likely to be a banner livestock year in Kansas. It has been a good while since there has been even a fair corn crop in Kansas. It is about time for one and next year is likely to be a good corn year in Kansas. The same conditions that make the great prospect for wheat will help the alfalfa and next year is likely to be an alfalfa year.

The boys who have been overseas will, for the most part, be home in time for harvest and so the people of this excellent state will have reason for gladness and exceeding great joy. This joy will not be universal. A good many of the Kansas boys will not come home, but mingled with the feeling of sadness is one of intense pride in the glorious record these boys have made, a record never exceeded in the history of the world.

## The President's Mission at Paris

Having said so much I want to say that I have no sympathy whatever with those who would hamper the President in his mission to Paris as a member direct or advisory of the great peace council. Whether he made a mistake in deciding to go to that conference I do not know, but at any rate he is taking the risk and there should go with him the best wishes of the American people that he may succeed in helping to bring about a permanent and just peace. I hope that the resolution declaring the office of President vacated by his removal temporarily from the shores of the United States will receive no support in the Senate. It is capricious partisanship and of a small kind in my judgment. The questions that are or that will come before that peace conference are of such tremendous importance that all questions of mere partisan advantage sink into insignificance by comparison.

I can see reasons why President Wilson earnestly feels that his presence may be necessary at Paris. His word there necessarily will have more weight than the word of any representative he might send. There are certain things which he regards of vital importance which he rightly thinks he can come nearer accomplishing in person than by proxy.

He runs a risk of losing prestige by going in person, but that is his risk. I do not want to see him embarrassed, for he is my President and he is representing my country. I want to see the best ideals of America spread over the whole earth and so long as the President is trying to forward those ideals I want to see his hands upheld.

## How to Abolish Landlordism

I am in receipt of a letter from M. P. McNamee of Norman, Okla., in which he discusses ably and at length the question of landlordism and the best plans for its abolishment. "For a long time," says Mr. McNamee, "I entertained the belief that the ideal state of affairs would be for every farmer to own and live on his own farm, owning just what he and his family were capable of farming successfully and no more, having no hired help except in case of emergency and doing away with tenant farming altogether. By that means there would be enough land for everyone who wanted to farm and those who would not or could not do farm work would have no right to land. The arrangement would I think be next to the best settlement of the land question, if not the best. The landlord and tenant system will damn and trouble the country economically, politically, socially and religiously. That was at the bottom of the troubles in Russia and Mexico, and Ireland. It was one of the mainstays of Prussian militarism and will damn this land of the free and home of the brave if we do not put a stop to it. Democracy and landlordism are totally antagonistic." Mr. McNamee proposes a graduated land tax in order to make the holding of large tracts of land unprofitable and bring about small holdings.



owners who will farm their own lands. I will admit that small farms tilled by the owners and the breaking up of large land holdings would be an improvement over present conditions, but the more I study the problem the more I become convinced that this is not the solution. As Mr. McNamee says in another part of his letter, the proper solution must be based on the economic question of how to make the lands produce the most at the least cost.

The objection to the small farm tilled by the owner and his family is that it does not and cannot make use of the most effective and economic methods of cultivation or distribution. The man who tills by hand a small tract of ground may be able to make that small tract produce more in proportion to its size than a large tract cultivated by modern machinery but he cannot compete with the modern machinery because the cost of production is far greater proportionately than the cost where the farming is done with modern machinery.

The farmers of Europe and Japan before the war produced far more an acre on the average than the farmers of the United States, but in the markets of the world they could not compete with the American farmer because with their primitive methods of cultivation the cost of production was too great even with cheap farm labor. Three quarters of a century ago most of the grain grown in the United States was reaped with sickles. It took an expert with the sickle working long hours to gather the grain from an acre. His wages were small, not over 50 cents a day and the day stretched out for 12 or 14 long hours. Today a man driving a self-binder would cut 15 or 16 times as much in a day as the best and most industrious reaper with the sickle was able to cut, so that the farmer of today can actually pay the high wages and gather his grain cheaper than his ancestor who toiled with the sickle.

The objection to the small farm is that the small farmer will not be able to command the capital necessary to get the best machinery and employ the best methods of tillage. That is universally true where lands are tilled in small tracts by their owners. France is perhaps as free from landlordism as any country in the world. Indeed I think it is safe to say that there is less of landlordism than in any other country. The French farmer, tilling his little farm with hand tools is a better citizen than if he were a tenant and it is vastly better for France to have its land tilled by the owners, but there is very little modern machinery in France. The French peasant is content to do his work with primitive tools. He shows a larger production an acre than the American farmer but his cost production a pound or a bushel is greater than ours.

We should learn something from the experience of the most successful business organizations the world ever has seen. The methods they have employed to eliminate waste and decrease cost of production should be applied to the farming industry, but the objectionable features which have made the great trusts and combines unpopular should be eliminated.

The great corporation co-operative farm would or should result in the minimum of cost of production with the maximum of output. It would satisfy the natural desire for society, the gregarious instinct which Mr. McNamee speaks of in the course of his letter. It would do away with the present cumbersome and enormously expensive method of distribution. It would make the farmers masters of their own markets. It would develop the most intelligent and effective farm population in the world. It would abolish the sordid conditions which too often prevail on our farms. It would do away with the evil of landlordism.

It would build up thousands of prosperous small farms and do away with the unhealthy centers with their congested populations. It would finally abolish poverty, increase health and longevity and fill the land with beauty and abounding prosperity. There would in time be no unsightly hovels named homes, in the country. There would be no more fields growing up to weeds, no unsightly fences, no farm machinery rusting and rotting in the fields. Well kept orchards would grace the landscape and fill the air in blooming time with their sweet perfume. The earth would be filled with gladness and the very trees would almost burst forth into singing.

I am advocating no wild chimerical experiment. I am only asking that the same business principles be applied to the most essential of our industries that have made the Rockefellers and Armours and other great corporation builders, multimillionaires. Only I would apply those principles in a way that would inure to the tremendous benefit and enrichment of the whole people instead of a favored few.

### Time To Quit

H. M. Maxton, of Medford, Oklahoma, sends me a clipping from a paper of Manchester, Okla., which says that the Grant county council of defense met at Medford on November 16 and passed a resolution urging and directing that business men, bankers, merchants, grain men and people generally ostracize and have no business relations with certain persons mentioned as slackers by the council of defense. Among the persons mentioned in this list is a certain farmer of Medford. In regard to this man Mr. Maxton writes as follows: "I know him personally and his condition. He

owns a school quarter. He is in debt between \$3,000 and \$4,000. He bought an old house 3 miles from his farm and moved it to his place and fixed it up so that they can live in it but it is unplastered. He has a wife and 10 children. Two of his boys are in the army. He is sending two of his girls to the Medford high school. His wife is an excellent butter maker. She brought her produce to Medford Saturday. Not a merchant would buy her stuff. The children are hungry and have to suffer. The war is over. Let us have peace at home."

If Mr. Maxton has stated all the facts in this case then an injustice has been done. A man with two sons in the army and a debt of \$4,000 hanging over his quarter section of land and a large family on his hands is not a slacker. Enforced patriotism is a tolerably poor kind anyway.

### Burning Coal in the Ground

Some time ago I ventured the prediction that some time the genius of man would discover a way to burn the coal stored in the earth without the cost and waste and dirt and grime that necessarily goes with mining it. I believed that it would be found possible to burn the coal and convey the heat units by electricity or perhaps more properly convert the heat generated by the burning coal into electrical energy which could be conveyed by wire to heat and light buildings and streets, pro-



An organization of Americans celebrated December 7, 1918, Great Britain's achievements in the Great World War under the initiative of the Sulgrave Institution in conjunction with the National Committee of Patriotic Societies, National Security League, and the American Defense Society. The above is a reproduction of the poster that was circulated thruout America as a reminder to the public to observe December 7 as a day in which to honor Great Britain for her marvelous achievements in the war and to make more apparent that splendid co-operation and the close relations existing between our country and Great Britain. The observance of the day was entirely national. James Montgomery Flagg, the noted artist painted the poster used for that occasion.

vide power for manufacturing and other purposes and all at a great saving of labor and minimum loss of energy.

I have just received from B. J. Hobson, mining engineer of Reno county, a communication in which he confidently asserts that the burning of the coal in the ground and transmission of the power by wire is entirely practicable and comparatively inexpensive and then sets out his plan which looks simple and which might be tested out down in the Osage field with very little expense.

Here, in brief, is Mr. Hobson's plan as I understand it: He would dig or bore a hole perpendicularly down thru or into the coal measure. Another shaft or hole would be dug or bored slantingly until it met the first hole in the vein of coal. Here an elbow would be formed connecting the perpendicular with the slanting hole. A large amount of coal oil would be poured into the perpendicular hole, sufficient to saturate the vein for some little distance about the foot of the hole. This would be done for the purpose of igniting the coal. After the fire was started the cold air rushing down the perpendicular hole would supply the necessary oxygen to keep the flame going. The slanting pipe connected with the perpendicular would extend a few feet above the surface. This pipe would be plugged at the end but with an opening in the side thru which the flame or heat would escape and be converted into electrical

energy. This is a very general and lame explanation of Mr. Hobson's plan, which he sets forth at considerable length and detail. Where the coal lies at or below the water level it would be necessary to drive another hole down and pump the water out so that it would not drown the fire.

In our shallow coal field in Osage county Mr. Hobson estimates that a test could be made at an expense of perhaps not to exceed \$400. If the coal could be burned in the ground and the heat conveyed to the top of the ground by pipe, as suggested by Mr. Hobson, the converting of it into electrical energy by means of a dynamo would be simple.

I hope that some one may be sufficiently interested to take this up with Mr. Hobson, either in person or by correspondence. If this can be put into successful operation then it is one of the greatest things of the age. If it can be tested for the insignificant sum of \$400 or \$500 it will be a great pity if the experiment is not made. If you are interested write B. J. Hobson, secretary and treasurer Hobson Stone Cutting company, Hutchinson, Kan.

### Buy All the Sugar You Want

A subscriber at Hoxie, Kan., writes me complaining bitterly of the restriction on sugar purchases, but as my understanding is that this restriction is now removed, the occasion for the subscriber's complaint is removed. However, I do not feel that the American people have any particular ground for complaint about food restrictions. All persons who were able to buy as much as they were permitted to buy under the food restriction order had sufficient. In the matter of substitutes there was ground for criticism, not because we were required to save flour, for example, by using more substitutes but because those selling the substitutes were not properly regulated as to price. There was a great deal of profiteering in the matter of substitutes.

### Punish Every War Grafter

An after-the-war job which should immediately be undertaken in the interest of good government, is a searching review of all contracts and transactions which shall bring to light and to justice every grafter who has "done" the Government during the war.

In spending money as we have spent it the last 19 months, no one can doubt there has been huge waste and much grafting. In the stress of the emergency billions were lavishly appropriated and as lavishly expended and misspent. Much money has been misspent honestly, but there is great reason for believing much more was purposely and dishonestly squandered thru graft and favoritism.

Whether we ever get back a cent of these funds is not so important. But it is vitally important that we find and punish the grafters. The ferretting out and prosecution of these men should begin at once under a large and competent force of skilled auditors employed to painstakingly check over and investigate every wartime transaction even if it takes years. The investigation should be so searching, so thoro, that not one guilty man shall escape.

For the sake of good government in the United States, for the sake of the future, make it known to all men that no one can cheat or rob Uncle Sam and get away with it, no matter what the emergency. Make it plain that a day of reckoning is as sure as the sunrise for all those who betray his confidence, or pick his pocket.

As a people we can make no better investment of time and money than to ferret out and punish the grafters who have robbed their country in time of war.

The war may have ended, but the profiteer hasn't. Why should he? Only spasmodic efforts have been made to check or uncover him. We have been too forbearing with those we have uncovered. The profiteer who robs the people as well as the profiteer who swindled the Government should go to the penitentiary. Thousands of these skunks have not been punished at all, not even with the punishment which comes thru the wholesome bitter of publicity.

A fine assessed against a profiteer merely takes his excess profit from him. And so few are fined that this amounts to telling the gaffer: "All the illegal profit you can get without being found out is yours, and you needn't be over-careful about being found out."

As a discourager of profiteering, the fine system is just as effective as it has been with the packers. Their rapacity has never been checked by fines. They fatten on it while steadily extending their operations.

The profiteer needs the same medicine the bad banker gets—a prison sentence and stripes—and when it is administered to him as regularly and unflinchingly, he will be just about as scarce as the bad banker.

*Arthur Capper.*





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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.

## Farm Engineering

BY K. J. T. EKBLAW

**Joyrides for the Livestock.**  
**Last Year's Freight Congestion.**  
**Motor Trucks Bring Relief.**  
**Better Highways are Assured.**  
**Every Farm Needs a Small Truck.**  
**Motor Express Routes Profitable.**  
**Rural Transportation Problems.**

A NEW era in transportation of livestock has dawned. The pleasures of joy riding are not to be restricted to people alone, for in a very short time arrangements will have been perfected, whereby it will be possible to give our four-footed friends the most luxurious travel that animals ever have experienced. The so-called palace cars which have been used for so many years for the transportation of live freight have been eclipsed in glory by a new type of car, even more palatial than the old. It is to be expected that "cattle coupes," "sheep sedans" and "swine speedsters" will be making their frequent appearance on our public highways, and the human road hog, in his small but speedy flivver may have to turn out for the more substantial equipage driven by a farmer chauffeur and carrying his prize fat stock. Seriously, however, the day of motor transportation has come and so highly favorable has been the experiment that in its popularity it is sweeping the country. It must be taken seriously; gibes, jeers and cynical criticism and comment, notwithstanding, the motor truck is going to be a factor in the handling of livestock, for in more than one place it already has proved entirely practicable and profitable.

For many years the growth of the railroad has not kept pace with the rest of the industrial developments of the country. This fact has been brought to the attention of the people by the various railway economists at different times but the idea was accepted only as an alarmist's view of the situation. With the nation plunged in war the real truth of the matter was driven home in the minds of everyone in a surprisingly short time. The terrible congestion of freight yards that has occurred in the last two or three years bore eloquent testimony to the inadequacy of the nation's transportation facilities. All industries were affected and the farmer, especially, had to suffer in various ways, both directly and indirectly because of the difficulty in marketing his own products and in the delay in receiving necessary supplies for conducting his enterprise.

The truck industry of the nation, fortunately, had been brought to a high stage of development, so that it could step in immediately and by heroic efforts afford in a short time a great relief to the congested conditions. A few large manufacturers, the delivery of whose products was imperative, began experimenting with long distance truck transportation; the idea spread with tremendous rapidity until now a most remarkable dependence is placed upon the plan. Were the trucks of the country suddenly and completely incapacitated, the entire transportation system of the country would be handicapped most seriously and hindered, if not completely broken by the immediate congestion which would result. Of course for the successful operation of trucks in rural districts it is absolutely necessary that we have a system of improved and modern highways. This is one of the benefits that will accompany the development of motor

transportation and already far-reaching, extensive plans are being made to develop the highways in every state. From present indications a decade or two should give to the United States the best road system of any country of the world.

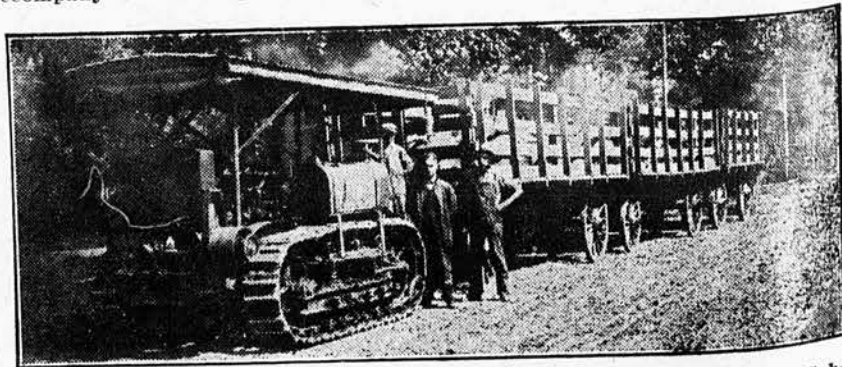
With the development of motor transportation, systematization will of course be coincident. Regular roads will be laid out which the truck lines will follow and reports will be made as to the conditions of the roads and weather conditions much in the same way as is done by the weather bureau in advising marines of what might be expected in their voyages. Regular schedules may be laid out, but herein lies one advantage of motor transportation in that a schedule is not absolutely necessary and no truck need be hung up on the siding, to be held until the special comes in from the other direction, as the truck may be entirely independent if desired.

All sizes of trucks probably will find a place in the development of the new system, for quick travel of small shipments, as for a single animal, two or three sheep or swine, the small but speedy truck will be found valuable. In fact, this particular type of truck is used to great advantage on a stock farm near Manhattan. A half-ton truck has been equipped with a crate body and is used a great portion of the time for delivering hogs and calves. The owner makes a specialty of blooded stock and many of his sales are made within a radius of 25 miles of the farm. The light truck has been found entirely adequate to handle the deliveries and it has been found desirable from other points of view especially in the saving of time and in the improved condition in which the stock was delivered at its destination.

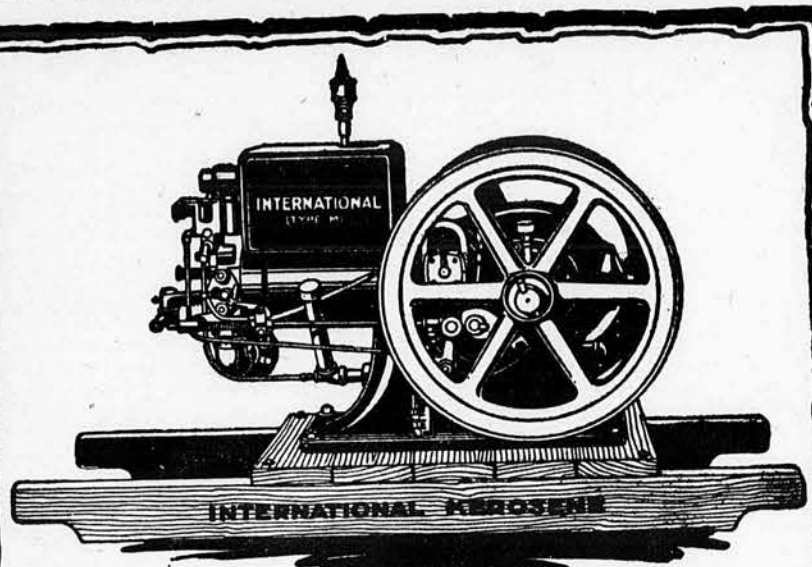
It is difficult to surmise just to what extent motor transportation will grow, but one can easily imagine large and regularly constituted systems, employing the large trucks for long hauls and heavy shipments. The speed and safety of hauling such shipments will find favor very rapidly. As an example of this, we may take the rather serious proposition with which the express companies have to contend in handling the shipment of live calves into St. Louis. It is stated that from 1,000 to 1,500 are shipped every day from farms in Illinois and Wisconsin to St. Louis and a certain express company having about 90 per cent of these shipments, found the proposition very difficult to handle. As a solution of the problem they sublet a contract for the transportation of this livestock to an individual who began with a single truck to haul the calves. Since then the business has grown until now five large trucks are required to handle the business and it is stated that the contractor is making \$800 monthly from this proposition alone. Not only is it profitable to the express company and the contractor but it means better transportation and real relief to the express company, but it means also that cars are being saved for Uncle Sam.

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It will pay any farmer who is in the market for a good engine, at a fair price, to pay close attention to the International line. If you can use a 1½, 3, or 6-H. P. engine, the Type M will give you a number of pleasant surprises in features, the value of which any engine-using farmer can appreciate.

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## Jayhawker's Farm Notes

BY HARLEY HATCH

**Thanksgiving Day Brings Rain.  
Stock Feeds are very Expensive.  
Plans for Co-operative Stores.  
Success of Burlington Project.  
When the Wheat Failed.  
Cost of Raising Small Grain.**

ALL THRU November until Thanksgiving we had the best kind of weather to save feed; not only did it take less feed but the lots were dry and no feed was wasted. Now conditions are changed and stock must be fed in racks and dry corners—if any can be found—and the feed gets wet and is not relished by the cattle. I don't like too much dry weather while the crops are growing but at other times in the year dry weather is appreciated, especially down here in this corner of Kansas where we have mud when rain falls.

The rain and snow put a stop to pasturing wheat for a few days at least and this means that the stock of feed which is not very plentiful must be drawn upon. Feed is high now and, if we have a severe winter, it may bring higher prices still. At a farm sale held near here a short time ago standing kafir sold for \$20 an acre. This kafir would make nothing but fodder and the buyer had to harvest it himself but even at \$20 an acre probably it was cheaper than hay at \$20 a ton. One farmer who lives not far from here has a large amount of oat straw which was baled up more than a year ago and he is asking \$15 a ton for that. So you see that keeping a bunch of stock cattle over the winter is not going to be a very cheap proposition. If we have to pay a \$12 pasture bill in addition next summer we will need good prices for grass fat stuff if we get any profit.

I have in the last few months received a number of letters from persons who represent organizations that are thinking of starting co-operative stores. They were written because I live near Burlington where such a store has been operated with marked success since 1913. I am asked to give an outline of the plan followed by the Burlington store so often that I am risking repetition in again giving it here. First, and most important of all, no credit is given; every transaction is cash. A merchant told me when the Burlington store was being started that it would fail because they did not have capital enough to care for their credit customers and that without extending credit no country store could continue in business. That idea has been proved wrong. I believe that if every store in the country did only a cash business it would be better for all concerned. Second, no attempt has been made to lower prevailing prices. The going price is charged for goods and any profit that may accrue is divided among the patrons according to the amount they have traded.

It should be plain to all that a price cutting campaign cannot be carried on by a concern with limited capital. An association of regular merchants would welcome such a campaign because with their combined resources they could sell goods for a short time for less than cost and if the co-operative store followed it would be but a short time until their capital was exhausted and then you couldn't get capital together to start another co-operative store in that town for a genera-

tion. The Burlington store started with a capital of about \$3,000; how long would that have lasted in a price cutting campaign?

In such a store stock is issued and sold to prospective customers; on such stock the Burlington store has always paid 8 per cent a year. The rest of the profits are divided among those who purchased goods and these rebates have averaged about 8 to 10 per cent. The business of the Burlington store has increased very fast altho it has as competitors a class of merchants much above the average county seat town. The success of such a store in other localities would depend altogether on the loyalty of the support given and the ability and integrity of the manager. Of those two qualities I suspect honesty will be found much oftener than mercantile ability.

I have a letter from an Edwards county, Kansas, wheat raiser in which he gives his experience in raising wheat during the last two years and the profit that was left at the fixed price of \$2 a bushel. It goes to show that what is a good profit in one year may not prove a profit in a series of years. This farmer sowed 160 acres to wheat in the fall of 1916 which cost as follows: 160 bushels seed at \$1.50, \$240; plowing at \$1.50 an acre, \$240; drilling at 75 cents an acre, \$120 or a total of \$600. This crop entirely winterkilled and not a bushel was harvested. In 1917 this farmer again sowed 160 acres to wheat and the following costs are given: 160 bushels seed at \$2.25, \$360; harvesting \$320; threshing 800 bushels at 12 cents, \$96; hauling to market at 5 cents a bushel, \$40 or a total of \$816. For the two years there was an expense of \$1,416, the farmer paid a share rent of one-third or \$533 and the 800 bushels of wheat raised brought an average of \$2 a bushel or \$1,600 which with the rent deducted leaves \$1067 or \$349 less than actual expenses.

In the foregoing account I find the actual expenses figured rather lower than the average. I do not think he could get plowing done in this locality for \$1.50 an acre; I rather think it would cost him \$2.50. And I also note that in his account of the last crop he has made no deduction for any plowing, fitting the land or drilling. If that be done the actual loss will be very much more than \$349. It will be at least \$750 even at the rather low rate at which he puts plowing and drilling. It shows that no man can make a profit when crops fail but this is not taken into account by the men who figure the profits for the farmer. It is the results for a series of years that count in any business. We have made a good deal of money raising wheat in Coffey county during the last two years but that is because we have had a county average of more than 20 bushels to the acre. Should the present large acreage of wheat be wiped out by winterkilling, as it may be, the profits of the county, as a whole, will be wiped out and the three year period will show no gain if not an actual loss. And our Edwards county friend has a largely increased seed charge already marked up against the 1919 crop for his first seeding was eaten by hoppers and he had to resow his entire acreage.



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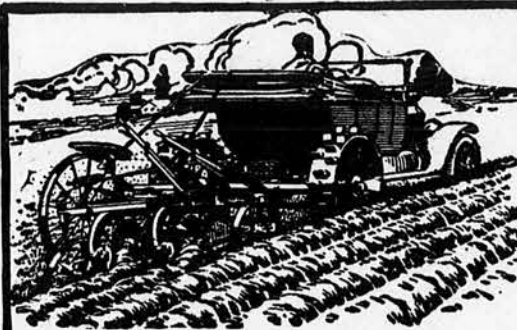
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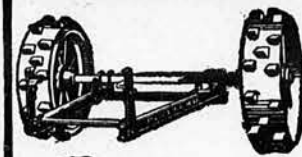
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The teeth of friction get busy quicker on a tractor than on other machines, because of the trying circumstances under which it must work. No matter how well your machine is built, it can not do good work unless the lubricating system is right.

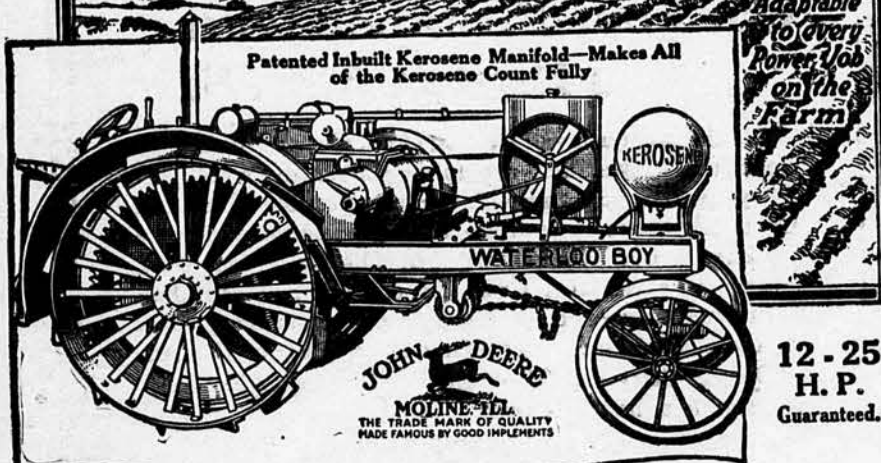
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## Success with Cherry Trees

High and Well Drained Soils Give the Best Results

BY CHARLES A. SWOPE  
Turner, Kan.

**C**HERRY trees are very particular as to their place of permanent abode, more so than almost any other kind of fruit trees. Situated as we are, here on the edge of tree life of the Central West or Plains states it is a difficult matter to pick a location to plant the cherry that it will accept as satisfactory and remain with us for many years, as it does in the East and the far Northwest.

Many growers recommend planting cherries only on high, rolling and well-drained soils. This is good advice, and as a rule should be carefully followed; but unless some exceptions are made, such advice may possibly discourage many from planting cherries who do not have the high, rolling ground, and think it useless to try other locations. Kaw Valley bottom or similar bottom land with a deep, sandy subsoil will grow cherries satisfactorily and profitably. Such locations are especially adapted to the Morello types, and one not possessing the high rolling lands that are usually recommended, and who do not possess the deep, sandy subsoil bottoms, may plant cherries thereon with the assurance that they will not be disappointed. Such locations are more subject to late spring frosts than the higher lands, yet they will prove fairly satisfactory.

### Dynamite Tree Holes

Any one who has given the cherry any study knows well enough that drainage, above everything else, is the most essential thing to keep in mind when planting. With well drained, porous land, no tree is easier to grow, no tree will respond equally with as little attention, and no fruit tree will pay better than the cherry.

The high rolling lands that may be selected for cherries in this locality usually consist of heavy clay loam, and it will be found a beneficial and a paying investment to plant with dynamite on such lands. Blast when the ground is dry enough so that it will not pack, if working in the spring. Blast any time in the fall and let the holes stand open until spring for planting, and the frost will put them in excellent condition. Write to the powder companies for their handbooks, and follow their clear and concise instructions. The first cost will be more than when setting with a spade, but the results will be correspondingly greater. The ground will be cracked and opened up for a distance of 8 to 10 feet in diameter, and from 3 to 4 feet deep. This will assist the drainage in excessively wet weather, and also with the capillary action in dry weather and drouths. A larger reception room will thus be provided for Miss Cherry, and her surroundings can thereby be improved with a greater supply of top soil.

The usual instructions for setting fruit trees is to set them about 2 inches deeper than they were when growing in the nursery row. If that ideal location has been found—a loose, well drained porous subsoil—put the cherry trees 6 to 8 inches deeper than they were in the nursery row and you will get a slightly slower growing orchard, but one of longer life. One block of 220 Early Richmond trees in my orchard were set to the first two limbs on 2-year-old stock, and they now are 14 years old and up to the present time I have had a loss of less than 1 per cent, and they have borne good crops year after year. If there is any doubt as to the underdrainage, and tiling is not to be done then plant more shallow.

### Best Age for Planting

The best results in planting will be obtained by setting 2-year-old stock. The extra strong 1-year-old stock is good, but seldom can be obtained. One-year-old whips have proved very unsatisfactory; in fact, just a waste of money and time. Do not try them. Cherry trees should be headed as low as possible. Have the lower limbs nearly touching the ground when they come into bearing, and it will be well and good. These bottom limbs will produce just as much fruit as any part of the tree for a number of years. Such trees are easy to spray, prune and

especially easy to pick when the fruit ripens. However, the big idea is that such trees do not sun-scall, and to a much less degree are affected by the winds. Plant as early as possible in the spring, and certainly before the buds begin to swell. Planting after the buds swell will give poor results, and is the cause of many failures in cherry planting. While planting, prune just as little as possible, and, for that matter, at any other time. Keep in mind at all times that the pruning requirements of the cherry consist only in taking out dead, injured and crossed limbs. Leave all pruning for symmetry to other classes of trees.

The Montmorency is my favorite variety. It comes into bearing later, grows better, lives longer, comes into market when the other varieties are already disposed of, and it brings better money than the Early Richmond. I plant my trees 18 feet apart on the triangular plan. Accept only trees that have been properly packed and shipped. See that the roots have not been exposed to the wind or the sun. Prune damaged roots, cutting with a slope on the bottom side; cut back the very long roots to correspond with the others and balance the tree. Puddle the roots in a thin mud batter to prevent any drying and then set the trees in well-prepared holes with plenty of good top soil, well packed in and around the roots. Finish with loose dirt on top. If you observe all these points in planting you will soon be rewarded with a perfect stand, and with an orchard of beauty and joy, and a regular income.

### Food Restrictions Diminish

Increases in supplies of wheat and sugar have permitted the food administration to relax restrictions in regard to the consumption of those commodities. No more substitutes with purchases of wheat flour are necessary; all-wheat bread may now be used without restraint. Allotments of sugar to the extent of from 3 to 4 pounds a month a person may be purchased in beet-sugar producing states and in the cane producing sections of Louisiana, the administration states, while in other sections allotments of 3 pounds a month a person are allowed.

## Solid Winter Nourishment

The real food elements of wheat and barley so made as to be rich in sugar, and ready to eat from package with milk or cream. That is

**Grape-Nuts**  
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# Still Robbing the Hog Men

Packers Accept Only Animals of Large Market Type

BY JOHN W. WILKINSON  
Associate Editor

**H**OG MEN are still denouncing the Food Administration for not having better prices guaranteed them for their hogs. Prices for November and December were fixed at a daily minimum of \$17.50 a hundred at Chicago, and the same price has just been announced for January. A slight variation from this price is announced for other markets. Until further notice the following variations have been authorized: St. Louis, minus 10 cents; Cleveland, plus 25 cents; Indianapolis, plus 20 cents; Pittsburgh, plus 30 cents; Detroit, plus 25 cents; Buffalo, plus 30 cents; Cincinnati, plus 25 cents; Toledo, plus 25 cents; St. Joseph, minus 50 cents; St. Paul, minus 50 cents; Omaha, minus 50 cents; Sioux City, minus 50 cents; Sioux Falls, minus 50 cents; Wichita, minus 50 cents; Kansas City, minus 40 cents; Milwaukee, Chicago basis.

Many of the subsidiary markets declare that the margins for these variations are unfair and operate to their disadvantage. Missouri River markets are agitating for more favorable differentials. Kansas City claims that it is penalized 11 cents a hundred by being put 40 cents under Chicago, while the difference in seaboard rates is but 29 cents and the rate to gulf points the same as Chicago to the Atlantic. St. Joseph and Omaha claim a penalization of 21 cents.

## Thinks Present Prices Fair

John M. Evvard, swine specialist of the Iowa State Agricultural college, thinks the present arrangement is fair to all concerned. "To receive \$17.50 or more, on the average, for hogs, at Chicago, for December, is an improvement over the situation existing in November," says Mr. Evvard, "inasmuch as a larger amount of cheaper corn has gone into the hogs in recent months.

"With the \$17.50 minimum, the average price probably will run around \$17.75 or thereabouts, which will mean that the farmers will get more for their hogs now than they have on the average for a series of 10 years previous to the war. In other words, it is a ratio a little better than 12 to one.

"The Food Administration suggests that the lighter weight hogs, or those under 175 pounds or thereabouts, be held back for the next 30 days; in other words, that the emphasis of shipment be placed upon hogs weighing 225 pounds and up.

"It is also suggested that foreign shipments in December and January will be sufficient to absorb all of the available surplus."

However, the sudden close of the war, and the abandonment of the 13 to 1 ratio, coupled with the statement that the Food Administration would only guarantee the price from month to month, caused a great deal of nervousness. Many hog feeders in November rushed their hogs to market before they were of desirable market size. In a short time feeders from Missouri, Kansas and Oklahoma flooded the markets with half fat hogs ranging in size from 100 to 150 pounds.

## Why Hogs Dropped

As a result of the heavy movement of hogs to market and the apparent inability, owing to labor shortage, of packers to absorb daily arrivals, the U. S. Food Administration, acting in co-operation with the stabilization and control committee at the Chicago stock yards, ordered an embargo Tuesday, November 19, on all incoming shipments of hogs, the ban remaining in effect there 48 hours. However, the situation failed to improve as had been expected, and on Friday, November 22, an embargo was placed on all markets east of the Mississippi River. Kansas City and East St. Louis are the only important markets of the country not included in the original embargo. In order to obtain cars for the movement of hogs to markets other than Kansas City or East St. Louis, shippers had to obtain permits from a shipping control committee at the market where the stock is expected to move. This committee, composed of commission in-

terests, packers and rail officials, rendered decisions on permits. While the embargo may have aided the situation at the Chicago market, it was insufficient to clear congested conditions at that point.

## Some Criticisms

Many of the farm journals have criticized the Food Administration severely for attempting to regulate the markets by placing embargoes on shipments. "This paper," says the Sioux City Livestock Record, "refuses to believe that the Department of Agriculture, the Bureau of Markets or the brace of college theory nuts in the Chicago market reporting branch of the Bureau of Markets ever can legislate a price into a market. We are, also, disposed to question whether livestock or any other markets can be regulated by embargo. If we have any correct line on human nature, the placing of an embargo today will stimulate the man in the country to be ready for a rush to unload his livestock holdings immediately upon the raising of the embargo. It is not illogical to believe that the glut in the Chicago market was a result of the embargo, together with announcement of the fixing of the hog prices for the month of November—the same price minimum having now been announced for December. Price fixing and those sudden embargoes start imagination to running wild in the man behind the drove of hogs and herd of cattle in feed lots. It stimulates a desire to unload at the first opportunity. We do not question the honesty of purpose in putting an embargo against the loading of hogs for Chicago delivery, but we do question the ultimate results of the establishment of a system of undertaking to regulate markets by price fixing and embargo."

It is difficult to state what might have been the result if no fixed prices had been set. On the 13-bushel basis as promulgated a year ago, the November price of hogs should have been \$19.25. While the 13-bushel basis has been discarded, it now looks as if hogs would be selling on a par with it or even higher before the winter is over. For December the corn price of hogs on the 10-year ratio basis is \$16.25, and on the 13-bushel basis \$18.22. If the 13-bushel basis had been put into effect it would have meant an average of about \$18.20 hogs for December, January and February.

Possibly a better plan would have been for the Food Administration to have fixed the price of corn at the same time that the price was fixed for wheat, but unless the price for the corn could have been made on more reliable information than that submitted for fixing the price of wheat, the situation might have been made worse instead of better. The close of the war undoubtedly will now cause a greatly increased demand for pork and all other kinds of meat, and a large part of that demand will have to be supplied from this country. Looking at the situation from this point of view there is every reason to believe that the present minimum price announced for December and January will be continued thru February and that hog feeders need not fear any lowering of the price for some time to come.

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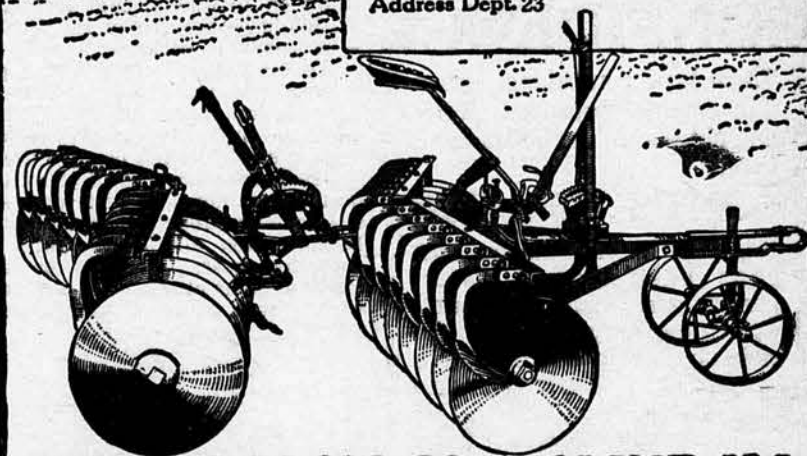
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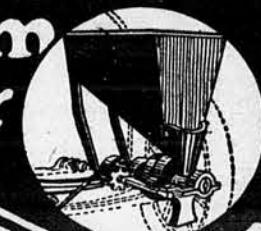
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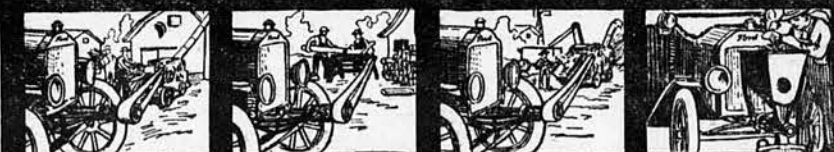
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## With the Home Makers

You Can Make These Gifts with Ribbon and Yarn

BY STELLA G. NASH

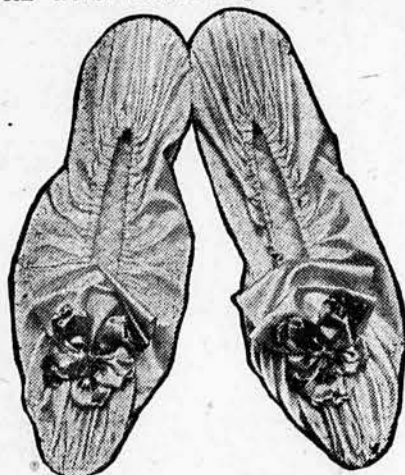
**THIS IS** to be a real giving Christmas this year. We shall not only give useful gifts to our friends and loved ones but we shall extend our gifts to our fighters and sufferers and then to all those in Europe who need our offerings of comfort and of cheer.

The Red Cross asks that the American nation give as its present to our army and navy its annual pledge of membership to the Red Cross. Each dollar will help to bring Christmas cheer to the boys in France—it will go where the giver herself cannot go.

Then those who are able can spread Christmas cheer by adopting a French orphan, subscribing to the Free Milk Fund for France, the British War Relief, or the American Jewish Relief for Sufferers from the War. It is the unselfish gift—the gift that passes something on to others, that matters now. It should be the gift of service, of love—of sacrifice, perhaps.

We are asked to give useful gifts to friends and loved ones this year and to prepare and send our packages early, in order not to overwork saleswomen and men and congest the mails.

There are many useful gifts that can be made at home at little cost such as the boudoir slippers in the illustration. Every young girl likes dainty things such as these. These slippers were made of light blue ribbon and trimmed with clever flower-shaped bows of a



Ribbon Boudoir Slippers.

darker shade of blue. Soles for the slippers may be bought at any dry-goods store for 40 or 50 cents and 1 1/4 yards of ribbon is required. The ribbon is simply gathered to the soles, elastic put in the tops and then the bows added. The whole cost need not be more than \$1 or \$1.25.

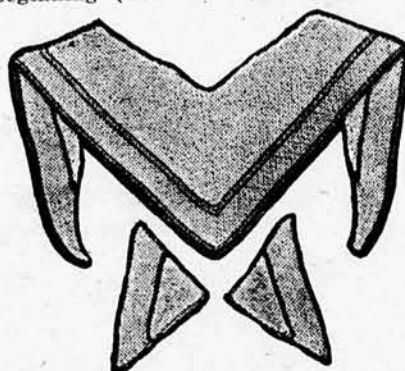
One and one-half yards of wide ribbon and 6 yards of narrow make a pretty boudoir cap like the illustration. The ribbon is simply whipped together to form the hood part and about 4 inches from the bottom it is gathered and a rubber tape put in to make the cap fit the head and form a square ruffle at the back. The narrow ribbon is gathered and sewed on all around the cap and bows of the same placed at each side back. A pretty set may be made by making the cap and slippers to match.

Crocheted collar and cuff sets are very popular this winter and any girl or woman would appreciate one like the Vandyke set in the illustration for a Christmas gift. To make this set 2 balls of white, 1 ball of black and 1 ball of turquoise or any dainty-colored yarn, 1 pair of No. 3 knitting needles and 1 No. 5 crochet hook are required.

Collar—Using the crochet hook and black yarn, chain (ch) loosely 240 stitches (st). With the knitting needle pick up and knit (k) a loop on the horizontal thread back of each ch (240 st on the needle); this way of setting up stitches gives the even, firm edge necessary on a collar. With the turquoise yarn slip 1, k 1, pass the slipped st over the knitted, k 115, narrow (n) by knitting 2 st together (center of row), n again, k to within 3 st of end of row, n, k last st; turn, bind off first st, n, k to within 3 st of end of row, n, k last st. Narrow in this way at beginning and end of every row and

twice in succession at the center of every other row. Make 7 ribs of turquoise, 1 rib of black, then use white only until there are 24 st left on needle and bind off.

Cuffs—With black ch 78 and pick up the stitches as on collar. Narrow in beginning (not at end) of every row



Vandyke Collar and Cuffs.

and twice in succession at the center of every other row, as on collar. Make stripe the same width as on collar and then use white only until all the stitches are worked in.

There isn't a girl or woman anywhere who wouldn't be delighted with a bag like the one in the illustration for her Christmas gift. The top is of imitation tortoise-shell. It may be bought for \$2 up to \$5. If you do not care to pay so much, you may get a silver or brass handle or a tortoise-shell top without the handle for \$1.25 up.

One yard of ribbon for the outside and 1 yard for the lining is required for this bag. Cut out a circle of cardboard about 2 inches in diameter, cover it with the outside ribbon on one side and the lining ribbon on the other. Then gather across the lower edge of both the outside and lining ribbon and whip around the edge of the cardboard. Next gather the top of the ribbons and sew into the holes which are in the lower part of the handle. Get a tassel to match the outside ribbon, sew it into the center of the cardboard and the bag is finished.

Very little work is required to make a box game for small children. All you will need is a large shoe box, and a number of spools. Paint a face on the bottom of the box by making two eyes, a nose and a large hungry mouth. Cut



Handbag Made of Ribbon.

out a large hole where the mouth is painted. To play the game, set the box on end on the floor and give each small player a colored spool.

Each player must sit about 4 feet from the box and try in turn to throw

a spool into the hole. When all have played, the box cover is removed, the spools are restored to those to whom they belong, and the game continued. The first player to make a score of five wins.

Perhaps the following suggestions will help you in choosing your gifts:

### For Girls and Boys

Dolls with costumes of allies  
Box of soldiers  
Scarf and cap  
Indian chief suit  
Fitted work basket  
Small handbag  
Ten pins  
Horse reins  
Blackboard

### For Women and Girls

U. S. mail car  
Circus set  
Mechanical construction set  
Hair ribbon  
Paper doll outfit  
Roller skates  
Scissors with dull points

### For Men and Boys

Leather handbag  
Silk petticoat  
Scarf and muff  
Gloves  
Kimono  
Cloth spats  
Embroidery scissors  
Lavender sachets for linen  
Fancy collars  
Embroidered lingerie  
Camisole  
Silk umbrella  
Ivory toilet set

### Children Give Homemade Candy

BY DORA L. THOMPSON  
Jefferson County

When we turn the December leaf of the calendar, we realize that Christmas is near. This doesn't mean the



Pretty Boudoir Cap.

same as it used to mean when we were going home for a Christmas vacation. If the home folks had not made Christmas a very festive time, we would not have so eagerly looked forward to it. Every home has its own ways of celebrating. We feel here that we owe it to the children to make the day a pleasant one.

One of the best ways to help them enjoy the time is to help them plan, make and send something to someone else. Their pleasure may well come from giving. There is little chance for Christmas shopping. We plan to send the children's gifts in the shape of nuts and homemade candies. The nuts will be largely black walnuts. Some of the homemade candies are this year to be made after the following simple recipes.

### Honey Squares

Four tablespoons of honey, 2 level cups of sugar, 8 tablespoons of water, 1/2 of a level teaspoon of baking powder, a pinch of salt, 1 level cup of chopped walnut meats, 1 teaspoon of orange extract. Put honey, sugar, water and baking powder into a sauce pan and stir over the fire with a wooden spoon until the sugar is dissolved. Let boil quickly, stir gently all the time until it will form a soft ball when dropped into water. Take from the fire, stir in salt, nuts and extract and beat until creamy. Pour into a buttered tin, let cool and cut into squares.

### Chocolate Chips

First make a candy of molasses for the filling as follows: 1 cup of molasses, 3/4 cup of sugar, butter the size of a walnut. Boil until hard, pull thin, cut into small pieces. When cold, dip into hot chocolate, flavored with vanilla and sweetened a little.



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### Rules For the Influenza Nurse

Attendants caring for influenza patients should wear a mask constantly and should change them whenever they become moist, or at least every 3 hours. These masks may be a large cotton handkerchief, folded diagonally, and tied on, or six thicknesses of gauze, 6 by 4 inches, with tapes at each corner for tying over the head. Do not use the same mask twice unless it has been sterilized by boiling 10 minutes.

Wash the hands every time you touch the patient or anything the patient has touched, using plenty of soap and rinsing in several waters. Rub a little cold cream or vaseline into the hands after each washing. Get out into the fresh air at least once in 2 hours. Do not get chilled when so doing. If you only walk a short distance, it is better than remaining in the house 24 hours on a stretch. Get three good meals a day and plenty of sleep, outside the patient's room, if possible.

In order to safeguard the other members of the family, put on a long-sleeved apron or gown each time you enter the sick room and remove it before leaving the room. In changing the bed, immerse the linen in a pail of cold water immediately. Wet linen is always safe linen so it should be kept wet until boiled.

Have the patient wear a mask and change it whenever it is moist. Teach the patient to cover his mouth when coughing and see that all expectoration is received in paper napkins and burned. Fold a towel over the top sheet next to the face and change it often. This will keep the rest of the clothing from becoming infected.

### Pattern for a Fur Set

The graceful tunic on ladies' and misses' dress 9106 is gradually shortened toward the back. Sizes 16, 18 years, and 36, 38, 40 and 42 inches bust measure.

Ladies' and misses' fur set 9114 consists of a neckpiece and muff. Two



styles of neckpieces are shown in the pattern. Cut in one size.

The neck of apron 9108 is cut in V-shape at the front and back and is bound with tape. Sizes 36, 40, 44 and 48 inches bust measure. These patterns may be ordered from the Pattern Department of the Farmers Mail and Breeze, Topeka, Kan. Price 10 cents each. State size and number of pattern when ordering.

### A Farm Boy's Success

Henry J. Waters, who began life as a farm boy and later became president of Kansas State Agricultural College, is now editor-in-chief of The Weekly Kansas City Star. If you want to keep in touch with the work Henry J. Waters is doing send fifty cents to Department 16, The Weekly Star, Kansas City, Mo., for a year's subscription. This offer applies only in Kansas, Missouri, Iowa, Oklahoma, Arkansas and Nebraska.—Advertisement.

### More Chicks

### GET JOHNSON'S BOOK

This book marks our 27th year making incubators and gives you the cream of our experience with poultry. Send for a copy and get my offer on

### Old Trusty

Shipped freight or express prepaid. Make a big income with Old Trusty this year. 800,000 owners. Big average hatches even in coldest weather.

Write today. H. H. Johnson Incubator Man M. M. Johnson Co. Clay Center, Neb.

### The World Calls For Poultry At Big Prices

Quantity hatching of poultry by Sure Hatch Incubators is demanded at home and abroad and high prices for poultry are assured. Bigger money will be made this year than any time in the last ten. The hens can't hatch enough. But millions of strong, sturdy chicks that thrive will come from the old, dependable

### SURE HATCH

This is the year of years for big poultry profits. Send for our Free Sure Hatch Book. Full information on this best and cheapest incubator. Interesting pictures, valuable pointers. This worth-while book free. Send for it today.

We guarantee every Sure Hatch Incubator to be equal in quality of materials and skilled workmanship to our incubators sold before the war. No cheapening, no skimping with us. Sure Hatch Incubator Co. Box 14, Fremont, Nebr.

### GET OUR "PEACE" PRICES ON "Successful" INCUBATORS & BROODERS

Mail a postal—Get our offer. Poultry lessons free to every buyer. Booklet "How to Raise 48 Out of 60 Chicks." Free. Catalog FREE. Make green, egg-making feed in "Successful" Grain Sprouters. LEE MOINES INCUBATOR CO. 216 Second St., Des Moines, Ia.

### INDIAN RUNNER DUCK CULTURE

Finest illustrated duck book published. Tells how to hatch and care for greatest egg producing fowl on earth. How to get a start. Quotes low prices on stock and eggs of finest strains. Sent for 5 cents postage. Berry's Farm, Box 159, Clarinda, Iowa.

### Chickens Sick?—Use Germozone

Roop, colds, bowel troubles, sore head, limber neck, etc. At dealers or postpaid 75 cts. with 5 book Poultry Library. GEO. H. LEE CO., Dept. 407, OMAHA, NEB.

## Will there be a Victrola in your home this Christmas?

**ITS USEFULNESS—ITS SERVICE—**  
**is beyond computation for it brings the**  
**ministry of music into your home.**

Christmas morning with a Victrola in your home! Here are Caruso, Alda, Braslau, de Gogorza, De Luca, Farrar, Galli-Curci, Garrison, Gluck, Homer, Martinelli, McCormack, Melba, Schumann-Heink, Scotti, Whitehill, Witherspoon, and other great vocalists to sing for you.

Another moment and in come Elman, Jascha Heifetz, Kreisler, Paderewski, Powell, Zimbalist, and other famous instrumentalists to play for you. Then there follow the Boston Symphony Orchestra, Philadelphia Orchestra, Sousa's Band, Pryor's Band, Conway's Band, Victor Herbert's Orchestra, and other celebrated musical organizations to entertain you. And you have, too, Harry Lauder, Marion Harris, Raymond Hitchcock, and other comedy "headliners" to cheer you with their merry music and wit.

Such a Christmas as that will be! And every home can have this superb entertainment on Christmas day and every day, for all these great artists make records for the Victrola exclusively.

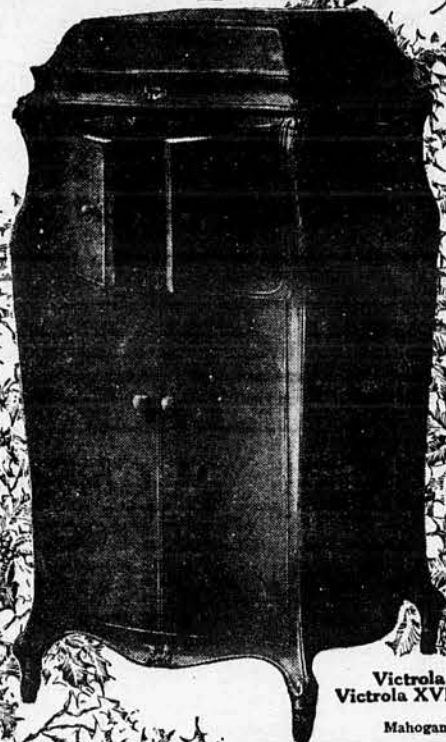
Victors and Victrolas, \$12 to \$950. Any Victor dealer will gladly play any music you wish to hear. Write for catalog and name of nearest dealer.

Victor Talking Machine Co., Camden, N. J.

## Victor Supremacy

"Victrola" is the Registered Trademark of the Victor Talking Machine Company designating the products of this Company only.

New Victor Records demonstrated at all dealers on the 1st of each month



Victrola XVII, \$275  
Victrola XVII, electric, \$332.50  
Mahogany or oak

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1000 PRIZE RECIPES

## Cook Book Free!

Most cook books are more or less extravagant or impractical. Here is a book that is different. One of the greatest collections of recipes ever published in one book.

### Contains 1000 Proved, Tested, Practical, Prize-Winning Recipes

all calling for only such ingredients as nearly every housekeeper has on her shelves. Included in this book are recipes for 39 salads, 32 fruit and egg desserts, 78 cakes, 68 pies and puddings, accurate rules and measurements, ways of canning and preserving.

We will send this book free and postpaid to all who send only \$1.00 to pay for a year's subscription to the Farmers Mail and Breeze.

FARMERS MAIL AND BREEZE, DEPT. C. B., TOPEKA, KANSAS.





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All light mechanisms operate easier and last longer if regularly oiled with 3-in-One. This great oil is very penetrating. Goes right to the friction point. Works out caked grease and dirt. Stays in the bearing and lubricates perfectly. Wont gum or dry out. Contains no grit or grease. Try 3-in-One for oiling tools, cream separator, sewing machine, washing machine, talking machine, clocks, locks, bolts, guns, traps. Autoists—oil Ford commutators and all magnetos with 3-in-One. To stop auto spring squeaks, apply freely to edges and ends of the leaves. 3-in-One is sold at all good stores in 15c, 25c and 50c bottles; also in 25c Handy Oil Cans.

**FREE** Generous sample and Dictionary of Uses. To save postage, request them on a postal card.

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165KZ Broadway :: New York City.

## Butchering Set

PREMIUM NO. 500



**SKINNING KNIFE    STICKING KNIFE    BUTCHER KNIFE**

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

### SPECIAL 20-DAY OFFER—PREMIUM NUMBER 500

By placing our order for ten thousand sets of these knives before war time prices were put into effect, we were able to purchase them at an extremely low price and are now able to offer you the set postpaid with a one-year subscription to Farmers Mail and Breeze for only \$1.25. This offer good 20 days only.

**FARMERS MAIL AND BREEZE, DEPT. 500, TOPEKA, KANSAS**



## A Christmas Gift Worth While

There are a great many people to whom, for some reason, you cannot very well send an expensive Christmas present, nor do you want to send them the conventional calendar, or something everyone else sends. For the small sum of \$1.00 you can send a Christmas present to one of your friends. For \$2.00 you can send gifts to three of your friends—gifts that they will enjoy and appreciate. You will not have to spend time selecting gifts and you will have no packages to wrap.

### A Gift that Will Be Delivered 52 Times a Year

If you would make a lasting gift for the small sum of \$1.00, send us the name of some friend to whom you desire us to send Farmers Mail and Breeze for one year. For \$2.00, we will send Farmers Mail and Breeze to three of your friends, making a gift that will remind them of you every issue from one Christmas to the next. It is even unnecessary for you to tell your friends about your gifts unless you desire to do so. The editor of Farmers Mail and Breeze will write your friends a Christmas letter and tell them who sends Farmers Mail and Breeze. Fill out the coupons, and send them to us while the impulse of interest says, "Do it now."

Farmers Mail and Breeze,  
Gift Dept. 4, Topeka, Kansas.  
Gentlemen: Enclosed find.....  
for which send Farmers Mail and Breeze  
for the term of one year to persons  
named in opposite coupon.

Name.....  
Address.....

#### Name and Address of Subscribers.

- |              |              |
|--------------|--------------|
| 1. Name..... | Address..... |
| 2. Name..... | Address..... |
| 3. Name..... | Address..... |



## For Our Young Readers

### Pictures Which You Took Will Please Your Relatives

BY ARCHIE JOSCELYN

WITH the flying of snowflakes comes the thought of preparing for Christmas. Your cousins and uncles and aunts who live at a distance and who have not seen you for a long time would appreciate a picture of you as much as anything. Snapshots are often more interesting than pictures

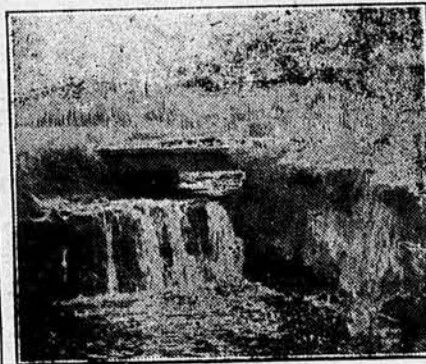
middle of the hole; then place a few sticks along on each side of the trap. Unless you do this the opossum may go around the trap.

When you have caught your opossum, the next thing is to kill him. If you have a 22 rifle, shoot him in the head. It is always best to skin the animal as soon as you get home after looking at your traps. Opossums should be cased pelt side out. Make a rather sharp wooden knife blade out of a little board and scrape the meat and fat off. Then put the hide in a cool, shady place until it is dry enough to hold its shape.

I am a 15 year old boy and I enjoy trapping.  
Clyde J. Nichols.  
Milan, Kan.

### Only One Word Here

What do you suppose this puzzle is about? It represents one word. If you can guess the answer send it at once to the Puzzle Editor of the Farmers Mail and Breeze, Topeka, Kan. There will be packages of post-cards for the first five boys and girls sending correct answers. Give your



Success with a Cheap Camera.

taken by a photographer. They would make an attractive decoration for a calendar. Mount a picture on a pretty piece of cardboard and paste a small calendar below.

A picture of a charming piece of scenery also would make a suitable decoration for your Christmas gift. Of course you will use only your best work to send away.

If you have a camera you probably wish to "snap" at everything that looks interesting to the eye. I have just been going over some of my earlier films and have decided that this article could be devoted profitably to telling what not to do, as it is what the amateur photographer always does first. I speak from personal experience, and know it to be a costly lesson.

In the first place, half of the things that look pretty will not show up well in a picture, and in the second, a great many things will not "take" at all. For instance, a red flower will never show up interesting. It is a mere black or white blur or object in the picture. The sensitive emulsion on the film or plate is not sensitive to red except in a very small degree. If it were, it could not be developed by a ruby light.

White and black will usually appear in their true colors. Blue lights act very quickly on the film. Yellow, green and orange more slowly. Remember this when exposing the film.

As soon as you take a picture, turn the film on to the next exposure at once. Failure to do this usually results in a double exposure and the loss of both pictures. An amusing exception sometimes occurs, as in a picture I once made. The first exposure was of a boy in a boat. The second, on the same film, of a bunch of sweet peas in bloom. The boat and boatman appear sailing in the flowers.

Remember the two terms, film and exposure. A film consists of from six to 12 exposures, or pictures. In one case the photographer, wanting a dozen pictures, ordered a dozen films. When they came he found that he had ordered 12 films, but 72 pictures!

A good camera is best, but good pictures can be made under good light conditions with a cheap one. The picture shown was taken with the cheapest lens made.

Be careful not to let the pictures get lightstruck. If they do get struck slightly, however, this may be remedied by the use of masks. They are always desirable for blotting out unsightly parts of a picture.

### Trapping an Opossum

The opossum is a dandy little fellow, for he has pretty gray fur and he is fairly easy to trap. One way to trap an opossum is to look along the creek bank where there are a few holes the size of a gallon bucket or smaller. If you will look close you will find a few gray hairs at the mouth of the den or probably you can see the track. If you do, take a trap of ordinary size and set it in the



name, age, county and complete address.

Solution November 30 Puzzle—A kind of vegetable: Bean. The prize winners: Lois Wohlford, Centralia, Kan.; Joe Pray, Abilene, Kan.; Golda Blake, Centralia, Kan.; Leah Puderbaugh, Ozawie, Kan.; Otto Huckstadt, Westmoreland, Kan.

### Giving

I would not be a selfish child,  
For early was I taught  
To give a part of all I have,  
As generous children ought;  
Not keeping everything myself,  
But sharing it with others.  
So when I had the whooping cough  
I gave it to my brothers.

Last winter I was kept at home;  
The doctor came each day.  
We had a card outside the door  
To warn our friends away.  
No one might come to visit us,  
Yet, doing what I could,  
I gave my scarlet fever  
To half the neighborhood.

And so it was with measles,  
And so with chicken-pox;  
I gave them to my little friends  
On three surrounding blocks.  
And now that we are well again,  
It makes me laugh—Ha! ha!  
To think that when I had the mumps,  
I gave them to pa pa!

—Selected.

### 50 Eggs a Day

"Since using 'More Eggs' I get 40 to 50 eggs a day instead of 8 or 9," writes A. P. Woodard of St. Cloud, Fla. This scientific tonic has made big egg profits for thousands of poultry raisers all over the U. S. Get ready now and make big profits out of your hens this winter. A \$1.00 package will double the egg production and a million dollar bank guarantees to refund your money if you are not entirely satisfied. Send \$1.00 now to E. J. Reefer, the poultry expert, 3379 Reefer Bldg., Kansas City, Mo., or send \$2.25 and get 3 regular \$1.00 packages on special discount for a full season's supply. Or write for his valuable free book that tells the experience of a man who has made a fortune out of poultry.—Advertisement.



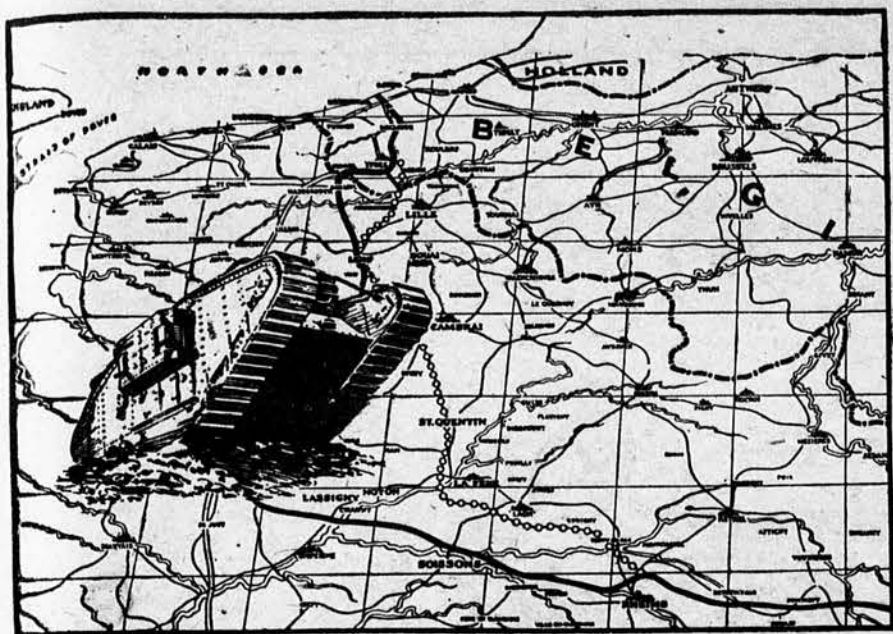
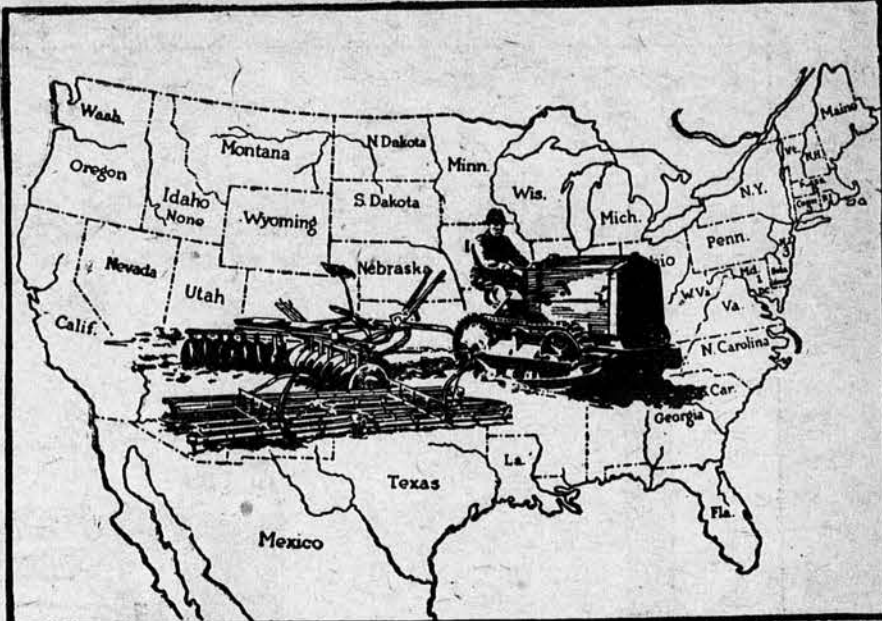


Illustration from Photo © by Underwood &amp; Underwood



## "They also Serve"

**B**ATTERING away at the Huns' defense—the tanks have proved themselves great engines of civilization.

Dragging into position the huge guns to blaze the way to victory, are the gun tractors.

Bringing the German surrender!

Hard at work on thousands of American farms, drawing plows, planters, harvesting machinery, etc., are other engines of civilization—the American farm tractors.

"They also serve."

The tank was the outgrowth of the American farm tractor—War's adaptation of the machinery of Peace.

It would be hard to say which has the greater part in winning the great conflict—the tank and the gun tractor on the western front or the tractor on the American farm.

The part of the tank is spectacular. It thrills us in every fibre.

Crashing through death and destruction in battle, these engines of war must never fail. They must work always—smoothly, efficiently.

The most important single factor in the operation of a tank is Correct Lubrication.

The Allies know this. Practically every British tank on the western front has been lubricated with Gargoyle Mobiloils.

A Captain of the British Army (Tank Corps) recently said:

"Many a time I have gone into battle sitting on a can of Mobiloils and pumping death into the Boche."

Up in Hartford, Conn., one day a photographer was taking a picture of the British Tank "Britannia," recently used in exhibitions in this country. He asked one of the crew to remove the can of Gargoyle Mobiloils that was lying on top of the tank.

"Nothing doing," said the gunner. "It's just about lunch time and the old lady wouldn't know what to do if she didn't have some Mobiloils handy. Snap her as she is."

**L**ESS spectacular in helping to win the war, but none the less important has been the American farm tractor—forerunner of the tank.

The tractor does its work here at home—a very vital work.



# Mobiloils

*A grade for each type of motor*

In buying Gargoyle Mobiloils from your dealer, it is safest to purchase in original packages. Look for the Red Gargoyle on the container. If the dealer has not the grade specified for your tractor, he can easily secure it for you.

For final victory hangs as much upon food as upon money, munitions or men. Even with the war won, the world will require vast quantities of American food.

It is the tractor's part to speed up the production of food on American farms.

Like the tank, the tractor if it is to operate efficiently must have Correct Lubrication. And the tractor *must* operate constantly, efficiently.

Every breakdown on a farm tractor means loss of time—and loss of food.

The loss on any one farm may seem small, but multiply that loss by the number of tractors in operation and the total is staggering.

Tractor manufacturers and tractor owners have proved to themselves that the correct grade of Gargoyle Mobiloils used in their tractors results in greater power—less fuel consumption—less oil consumption—and fewer stops for repairs.

At the Salina, Kansas, tractor demonstration this last summer, every one of the 47 tractors exhibited was lubricated with Gargoyle Mobiloils. With their tractors on trial before the watchful eyes of thousands of people, the manufacturers were taking no chances with the efficient lubrication of their machines.

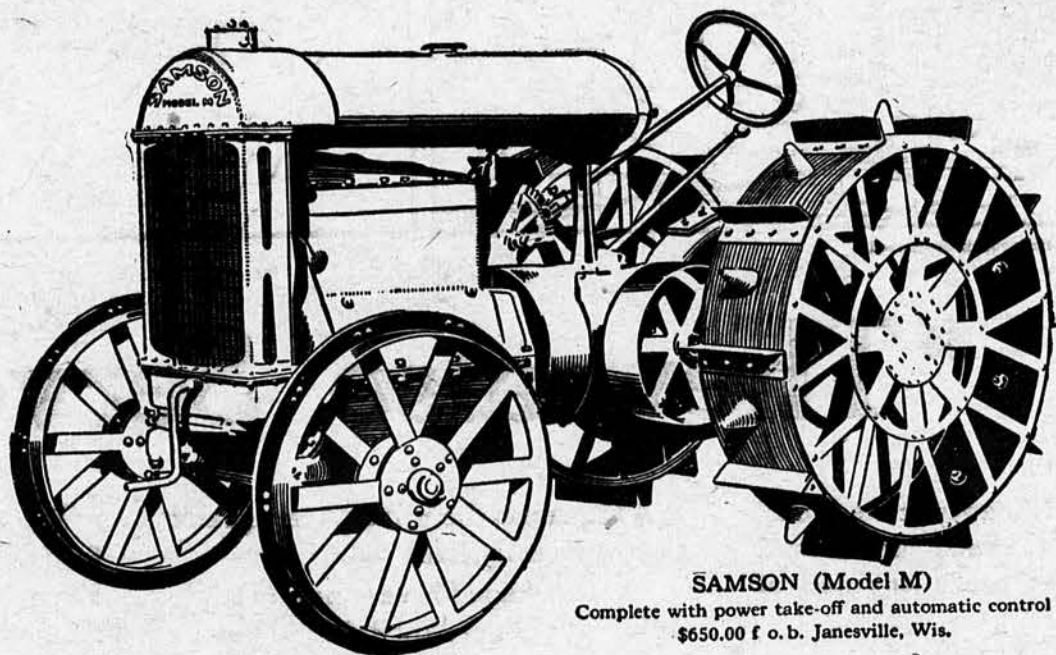
On the farm the Correct Lubrication of tractors is vital. For it is upon the farm that the foodstuffs are being produced which helped turn the foe back in the hour of need.

## VACUUM OIL COMPANY, New York, U. S. A.

Specialists in the manufacture of high-grade lubricants for every class of machinery. Obtainable everywhere in the world.

Domestic Branches: New York Boston Philadelphia Pittsburgh Detroit Chicago Minneapolis Indianapolis Kansas City, Kan. Des Moines





SAMSON (Model M)  
Complete with power take-off and automatic control  
\$650.00 f. o. b. Janesville, Wis.

## SAMSON TRACTOR \$650

THE above announcement, which appeared in a recent issue of this paper, resulted in receiving thousands of inquiries. Everyone of these we propose to answer in detail. The enormous amount of work involved in classifying these inquiries will, of necessity, delay our replies. On the opposite page, you will find a copy of our letter and the form, which we are asking you to fill out and return to us.

We also invite those who have not answered our first advertisement to fill in blank on opposite page and receive further information

SAMSON TRACTOR COMPANY,

Janesville, Wisconsin



## SAMSON TRACTOR COMPANY

### JANESVILLE, WISCONSIN

Dear Sir:

In response to your valued inquiry, we are enclosing a blank form which we will ask you to fill out and return promptly to us. Our object in obtaining this information is to determine whether or not the Samson (Model M) is suited to your needs and to what extent your particular locality lends itself to the use of tractors of the Wheel Type.

To be perfectly frank and candid with you, and to have you know what we are driving at, we beg to offer the following in explanation:

**WE DON'T WANT** you to buy a Two-Three Plow Tractor if it would be to your advantage to buy a Three-Four Plow Tractor. If your farm is better adapted by reason of acreage, crop rotation or soil conditions, to the Three-Four Plow type, we want you to have it, because it will be a more economical investment and will produce 25 per cent. better results with the same amount of labor.

**Note:** In this connection we wish to advise that we have designed and are testing out a Three-Four Plow Tractor which we expect to offer to the public within the next few months. This will be known as Samson (Model A) and the price will be in the neighborhood of \$900.

**WE DON'T WANT** you to make an investment in Samson (Model M) Tractor if the Samson (Model M) Tractor is not the best type for your particular purpose.

**WE DON'T WANT** you to make an investment in Samson Tractor of any model unless by so doing you can reduce expenses and make your burden lighter.

**WE DON'T** talk draw bar pull or attempt to confuse you with horsepower rating. Draw bar pull is of little value and means nothing to you if the tractor will not do your work.

**WE DO WANT** you in the Samson family—a satisfied and continuous customer for SAMSON LABOR SAVING AND MONEY SAVING DEVICES.

**WE DO WANT** you to investigate and (regardless of any high powered, land breaking tractors that you may buy or own) purchase a Samson (Model D) light, high frame, direct drive tractor, for which we are now taking orders. Price \$450

It will be to your interest to own the Samson (Model D) BECAUSE this tractor will handle every horse drawn farm tool which you are now using; BECAUSE we will be prepared to furnish the more important types of farm tools, made especially to replace them, BECAUSE the Samson (Model D), at just one-half the price which you will have to pay for these farm tools when you purchase a light truck, will eliminate every horse on your farm.

**METHOD OF ALLOTING SAMSON (Model M) TRACTORS**  
The demand for Samson Tractors from all parts of the world is enormous. Our production for four months will not exceed 10,000 tractors. If applications and contracts were filled in in which they are received, our entire production might be absorbed by three States. For the purpose of obtaining a wide distribution, we are allotting a certain number to each public an opportunity of investigating the product and performance, we are allotting a certain number to each with a proper Township distribution, locating the samples convenient for the greatest number.

Your application, accompanied by your order or other, will receive our best consideration.

Very truly yours,

SAMSON TRACTOR CO.

#### Information necessary so as to enable us to advise the purchaser of the proper Tractor he should buy

Name \_\_\_\_\_  
 Post Office \_\_\_\_\_  
 Township \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_  
 Number of acres in farm \_\_\_\_\_ Acres in corn \_\_\_\_\_  
 Number of acres improved \_\_\_\_\_ Acres in cotton \_\_\_\_\_  
 Level or rolling surface \_\_\_\_\_ Acres in small grain \_\_\_\_\_  
 Character of soil \_\_\_\_\_ Acres in hay \_\_\_\_\_  
 \_\_\_\_\_ Acres in pasture \_\_\_\_\_  
 How many horses do you employ to handle your farm work? \_\_\_\_\_  
 Do You own a tractor? \_\_\_\_\_ If so, what make \_\_\_\_\_

Mail this blank to SAMSON TRACTOR COMPANY, Janesville, Wis.



**Most Cash for FURS!**  
Ship Today to **FUNSTEN**

You get cash, not promises, when you ship to Funsten. Over 500,000 trappers and traders deal with us yearly. As we receive most shipments so do our sales attract biggest buyers, which enables us to pay you better returns.

Our financial resources are unlimited. We can and do pay spot cash for every shipment. No waiting for your money. Check goes back to you by return mail. Ship to Funsten today.

**FUNSTEN BROS. & CO.**  
International Fur Exchange  
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**Fur Coats, Sets, Gloves, etc.**

YOUR HIDES AND SKINS TANNED and made up to your order at a price that suits. DEAL DIRECT WITH THE FACTORY—Send today for handsomely illustrated style book—FREE. Also contains full information on care of hides and skins. Ask for shipping tags. Write today.

**NATIONAL FUR & TANNING CO.**  
1936 So. 13th St. Omaha, Neb.

**PROUTY'S**  
**GUARANTEED PRICE LIST**

guarantees you more money as the market goes up; no less if the market goes down.

**GET MORE MONEY FOR FURS, MR. TRAPPER**

GET liberal grading. Get prompt remittance. Trappers all over the North American continent have learned to depend upon PROUTY. It is to your interest to know us. When you can be sure of absolutely highest cash prices, why delay?

**"GRANDAD SHIPPED TO PROUTY"**  
The Oldest Fur House in New York  
The Fur Market of the World

Buyers are in New York now, ready to do their buying. Good furs were never more in demand and PROUTY'S will continue this year as always to guarantee the highest prices for your furs. We are the oldest fur house in New York, established nearly half a century ago, backed by ample capital and tremendous resources. Look into our status. Ask your bank about us. Talk to the fellows who are sending us their shipments regularly. Then send us your next shipment and be convinced.

**Let us Keep you Posted on Prices**  
Get on our mailing list free. Write for latest price list. Send for a supply of shipping tags, and then USE THEM!

**J. L. PROUTY'S SONS, INC.,**  
Dealers in Raw Furs, Ginseng Roots, and Golden Seal, etc.  
436 WEST BROADWAY,  
NEW YORK CITY

# Learning to Work Together

Club Girls Receive Training along Many Lines

BY BERTHA G. SCHMIDT  
Club Secretary

THERE ARE so many things that the Capper Poultry Club girls have learned in their year's work that now when we are nearing the close of the contest we will find it worth while to take a look back into the last few months and see what the club has meant to its members. That will show us, too, what it is going to mean to them in the years to come.



Marie Zimmerman.

"My daughter, Mable, has learned a great deal about writing letters since being in the Capper Poultry Club," Jesse Weaver of Atchison county wrote. "She makes out her own reports and has learned a lot about book-keeping."

As I read Mr. Weaver's letter I recalled the wonderfully neat annual reports and the interesting story which Mable sent at the close of the club for 1917 and I wished that every report submitted at the close of this year's contest might be such as hers.

Annual report blanks have gone out to every member. Reports are due not later than December 20. Every wide-awake girl is going to send them in promptly. Even if your profit seems small do not let that fact keep you from sending a report. You may be surprised to find that you have won a breeder's prize or one of the cash prizes.

Every county leader should answer the questions on her report blank as accurately as possible, and in her county leader story she should state fully the reasons why she thinks she should have the silver trophy cup or one of the 10 county leader prizes.

Of all the good qualities I have seen in the club leaders during the year, nothing stands out so forcibly as their ability to work in harmony with other members. The true leader always does that. She is generous minded and unselfish. I was much impressed a few days ago with this part of a letter from Margaret Todd, leader of the Clay county club: "I think Lenore Rosiska should have my office next year. She would make a fine county leader." About the same time came a letter from Lenore telling me that she was doing her best to build up the Clay county club. "I have had an article put in our local paper about the club and also an application blank," Lenore said. "I thought I might get more girls to join in that way. Do you think that's a good plan?"

How could I think otherwise? Margaret thought it a good plan, too. She recognized in Lenore the same qualities of leadership which she herself possesses.

You've heard a great deal about Ollie Osborn, leader of the Johnson county club, and you recall that she sent a telegram announcing that the membership of her club for 1918 had been completed, but she was so afraid that she might take too much credit to herself that she wrote this explanation:

"Now, Miss Schmidt, about the telegram. I had Aunt Fay suggest it to Mrs. Andrew and she also talked to Mrs. Reynolds and Norma about it and they all thought it would be just the thing to do and wanted to help pay for it, so Aunt Fay sent it for me and I paid for it with my egg money. I didn't think it would be just fair not to tell you they wanted to help me send it, so they would get credit for pep, too. You know Johnson county poultry club has 10 county leaders. We all work together. Perhaps more is heard about two or three that live closer together or can get each other by phone, but really they all have pep and lots of it."

Serving is another way of showing leadership. If Lillian Brun, leader of the Atchison county club, finds that a report is going to be delayed a day in the mail, she is after it on her pony so that it may be sent along with the others. Lillian has worked hard to keep her club in the first ranks and all the girls like her.

There isn't a club leader in the state who hasn't good qualities which stand out above others but I shall reserve telling about some of them for other times. Every girl should assist her leader by giving any information she can for the annual county club report. If you are to meet before the reports are sent in, it would be a good plan to discuss the points in which your club excels. Girls in some of the clubs will read their contest stories and compare profits at the last meeting of the year.

Another good quality of Capper Poultry Club girls is their business ability. I am always glad when they write me about the fine sales they have made because I know they are going to invest their profits wisely. Wouldn't you like to hear what Iva Zorn of Madison, Greenwood county, is doing with hers? Iva sold 15 of her surplus cockerels recently and bought a little Jersey calf. She still has 12 cockerels which she hopes to dispose of soon. Then she will buy Thrift Stamps, for, she says, the poultry club has already helped to win the war and now the girls should buy more Stamps to help bring the soldier boys home.

"That dear little catalog surely did advertise the chickens," Ruth Wheeler of Coffey county wrote. "I have already sold \$35 worth of my purebreds. I have shipped the last pullets I have for sale. A man from Hutchinson wrote for prices of my cockerels. I quoted prices and told him that I could ship cockerels, C. O. D., subject to inspection but he wrote me that that wasn't necessary as he knew too well that the Capper Poultry Club girls could be depended upon."

Here's Marie Zimmerman of Wabunsee county who won seventh place in the contest which closed in May and also carried off the prize trio of Single Comb White Leghorns, awarded by C. E. Heaton of Partridge, Kan.

Santa Claus, Christmas and the Red Cross roll call come but once a year. The roll call takes place during the week of December 16. Speak up—and dig down—when your name is called.

## Ship Furs To Lincoln For Top Prices and a Square Deal

This is the big high-priced cash fur market of the West. These are the reasons:

1. We are the largest hide and fur house in Nebraska and one of the largest in the entire West. We are manufacturers and tanners and can afford to pay the very highest prices.
2. We are within easy reach of any trapper in the West and your shipments reach us quickly and in good condition.
3. We charge no commission, we grade your furs honestly, and we always pay all we quote—and for well-handled furs, even more.
4. We always send your check the same day your shipment is received. No waiting.
5. Letters from many of our shippers tell us that we often pay at least one-third more than they received from houses farther East or South.

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Worth Up To \$9.25

**This is the Year to Trap**  
Thousands of the men and boys who formerly trapped are now in the Army and many thousands of others are too busy to trap. Furs will be scarce and very high priced this winter. This is the season to get busy. You can clean up a nice fat profit before spring.



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**Raccoon**  
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Worth Up To \$10.25

**Use This Tag** Cut out the tag below, paste it on a piece of cardboard and attach it to your next shipment. We guarantee it will get you the best prices. We have been in business more than 20 years, have thousands of satisfied shippers all over the West and refer you to any bank in Lincoln or the publisher of this paper as to our responsibility.

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**HIDES WOOL FURS**  
LINCOLN, NEBRASKA

FROM

SHIPPER'S NAME  
POST OFFICE  
SHIPPED FROM  
STATE

## Capper Pig and Poultry Clubs

Capper Building, Topeka, Kan.

Earle H. Whitman, Club Manager; Bertha G. Schmidt, Secretary. Send Pig Club applications to Mr. Whitman; Poultry Club to Miss Schmidt.

I hereby make application for selection as one of the representatives of.....county in the Capper

.....Club.  
(Write pig or poultry club)

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

Signed ..... Age .....  
Approved ..... Parent or Guardian  
Postoffice..... R. F. D..... Date.....  
Age Limit: Boys, 12 to 18; Girls, 10 to 18.



# Pep Won in Johnson County

Merlyn Andrew Has First Complete Team for 1919

BY EARLE H. WHITMAN  
Club Manager

THERE'S JOY in Johnson County. Also, there's a lot of pep. With a dozen counties in the state nearing complete membership for the Capper Pig Club of 1919, Merlyn Andrew, county leader of Johnson county, sends this jubilant message to the club manager:

"Johnson county boys over the top with 10 club members!"

Merlyn adds, in a letter, "It wasn't hard work to get full membership this year, for folks far and near have been interested in the way we have planned our meetings and the good times we have had. We always have invited several persons in addition to the club families, and tried to influence the best boys to join." Perhaps you think the club manager isn't delighted to have such good news. Merlyn and his loyal teammates have made a fine start for the new club, and because a good start means so much it's up to other counties to show the same kind of pep. More counties will soon be complete, too, for in many parts of Kansas hustling chaps are working with a will.

Here is the lineup for Johnson county:

| Name and Address        | Age |
|-------------------------|-----|
| Clare Peer, Gardner     | 14  |
| Henry Lefmann, Eudora   | 13  |
| Willie Bryan, Eudora    | 13  |
| Jacob L. Myers, Gardner | 16  |
| Verner Chrisman, Eudora | 13  |
| Leonard White, Olathe   | 13  |
| Merlyn Andrew, Olathe   | 14  |
| Harold Moll, Olathe     | 12  |
| Lloyd Squires, Gardner  | 13  |
| Fred Rausch, Eudora     | 18  |

## Don't Wait and Be Disappointed

Only a short time now until the big contest of 1918 will be over and the hundreds of dollars in cash and prize pigs awarded. When the results of the contest are told, and the boys over the state see the many fine profits made during the year there's going to be a rush for membership in the club for 1919. And right there many boys will be disappointed, for they will find that other wide-awake fellows have gotten ahead of them. If you're going to line up for work, better send in the application blank at once. I firmly believe that Capper Pig Club members will show a big profit for this year's work, and that boys who line up for 1919 will have the same good fortune.

And talking about profits, let's take a look at the bunch of spotted "beauties" shown in the picture. Lloyd Winterroud of Wilson county, their owner, has every reason to be proud of these fellows. With his 10 contest pigs, Lloyd has produced somewhere near 2,500 pounds of pork, and his profit record is something to think about. "I have sold six of my hogs," writes Lloyd. "I sold one of my male hogs about six weeks ago for \$40. I sold five of my gilts last week for \$50 apiece, and could have sold several more if I had had them. I have kept three of my best gilts and value them at \$60 apiece, for I could sell them for that if I wanted to let them go. I think I already have sold my other male hog for \$50. So you see, my 10 hogs will bring \$520, and I am going to clear right around \$300 for the year's work." Lloyd knows how to advertise, too, for he continues, "I took one of my pictures down to the bank and the banker put it up in the bank with

my name, member of Capper Pig Club, and the age of my pigs on it."

Another club member who will have a record that will make the prize money jump to keep out of his reach is Fred Mann of Marion county. "I have just sold four head of my contest hogs for \$187.80," writes Fred, "and still have five head left. The four I sold went to a hog shipper at \$16.70 a hundred. The nine contest pigs weighed 2,533 pounds, or an average of 284 pounds, and my contest sow gained 105 pounds, making my total pork production 2,638 pounds."

Lloyd and Fred aren't a bit better hog men than many other boys in and out of the Capper Pig Club. Not many club members will show such pork production and profits, but there will be very few who fail to come thru the year with a nice little start on a bank account. Boys who haven't made such profits as Lloyd and Fred will show should not be discouraged and decide not to send in reports, for it isn't always the largest pork production that wins the highest prize, for sometimes the cost is too much. Then, too, your record may be the one which will help your county win the \$100 prize, or it may carry off one of the fine pigs offered by Kansas breeders.

## Money's Coming from the Pigs

Owing to unusual conditions, there isn't quite the demand for breeding stock that ordinarily exists, yet Capper Pig Club members daily report sales of pigs at good prices. Everett Ingersoll of Osage county writes, "I am sending in my check to pay my note. Have sold all but two of my hogs for breeding stock. Am keeping one gilt for myself." "I have sold two of my pigs, one male and one gilt, and will put up the other male at a neighbor's sale," says Clarence Kiefer of Atchison. "I have sold a male pig for \$45," reports Earl Goudy of Stafford county. "The folks were not sure they wanted me to go into the contest again, but the money looked so good that I want to try it again."

The father and son department is steadily gaining, and I am sure we shall have at least as large, and I hope much larger, membership than we have this year. Three new entries have been made since the last report. P. J. and Clarence Paulsen of Cloud county are back in the game for another year, as also are A. U. and Clark Jenkins of Miami county. Clark's entry makes his fourth year of club work and is good proof of what he and his dad think of its value. Clark, you will remember, was leader of the team which won the pep trophy in 1917. This year, in two instances, we made exceptions and permitted mothers to join the father and son department. Nat Cowan of Russell county has been a member of the club for two years, and was eager to line up for another year. His dad is working in Virginia, so as Nat was sure his mother would make a good partner we have enrolled Mrs. Ora M. Cowan in the father and son department. I'm sure the mothers in this year's contest will show good work, and we welcome Mrs. Cowan into the department that works for better boys and better pork.



Here are the 10 Fine Spotted Polands of Lloyd Winterroud of Wilson County. Let's Have a Picture of Your Contest Entry, Too.



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MEANS ONE MAN LESS Both belt and power presses. Saves 20% Baling Cost. Send Us Your Orders and Commitments of Hay Engine on same or separate frame. Auto-Fedan Hay Press Co., 1614 Wyoming, Kansas City, Mo.



# How to Cure Meats at Home

Hog Killing Time Will Soon be Here

BY A. M. PATTERSON  
Specialist in Animal Husbandry

**H**OME CURING of meats on the farm is more essential this season than ever before. Large quantities of meat to be consumed by the producer are transported to and from the large livestock markets which necessitates the use of a great deal of transportation facilities which are needed by the government for moving material necessary in feeding our armies and the starving peoples of Europe.

The weather will soon be cool enough to cure meat successfully. To get the best product a few precautions should be taken. Select animals that are healthy and gaining in weight at the time of slaughter. Meat from unhealthy animals is difficult to cure and very likely to spoil after curing.

Take the animals off feed for 15 hours before slaughter, keep them quiet with plenty of fresh water to drink. Do not run or pound them around so as to cause a rise in temperature or the carcass to become bruised.

## Carcass Must be Cool

After the animal has been slaughtered and dressed the carcass should be hung in a cool, well ventilated place until the animal heat is gone. If it is cured before thoroughly cooled, the action of the cure is likely to cause a retention of gases which may cause the meat to sour and finally spoil.

Hams, shoulders and strips of bacon should be uniformly and neatly trimmed; and loose ragged edges should be cut off and made into sausage so as not to be wasted in curing and cooking.

The vessels in which the meat is to be cured should be clean and sterilized; unclean vessels will aid the growth of bacteria, which is likely to cause the meat to spoil.

A dark cool basement which is free from flies and vermin is an excellent place to cure meat. The meat should be examined from time to time to see that all is going well and that none of the pieces starts to sour.

Pork should be smoked after curing as it adds to the flavor and keeping qualities of the meat. Hard wood should be used in smoking as soft wood will give the meat a resinous taste which is undesirable. The meat should be warmed slightly when the smoking process begins in order to open the pores of the meat allowing the smoke to penetrate. It should be smoked until it is a rich brown color or longer if desired.

After smoking the meat should be wrapped in burlap or paper and hung in a dry, well ventilated place or packed in grain—oats preferred.

## Some Good Recipes

To make plain salt pork: Rub each piece of meat with fine, common salt and pack closely in a barrel, let stand over night. The next day weigh out 10 pounds of salt, 2 ounces of salt-petre to each 100 pounds of meat, dissolve in 4 gallons of boiling water. When this brine is cold pour it over the meat; cover and weight down. This should be kept in the brine until it is used.

To prepare sugar cured hams and bacon: Rub each piece of meat with salt and allow to drain over night,

then pack closely in a barrel, hams and shoulders in the bottom, using the strips of bacon to fill in on top. To each 100 pounds of meat weigh out 8 pounds of salt, 2 pounds of brown sugar and 2 ounces of salt-petre, dissolve in 4 gallons of water and cover the meat with the brine. For summer use it is best to boil the brine, allowing the brine to become thoroly cooled before using. During winter it is not necessary to boil this brine. The bacon strips should remain in the brine from 4 to 6 weeks and the hams 6 to 8 weeks.

To make dry cured pork: To each 100 pounds of meat weigh out 5 pounds salt, 2 pounds sugar and 2 ounces of salt-petre, mix them thoroly. Rub each piece of meat once a day for three days with one-third of the mixture.

## Ham and Bacon Show

The sugar cured ham and bacon recipe is the most satisfactory under ordinary farm conditions, and when cured by this method will keep right thru the summer after they are smoked. The meat will be sweet and palatable and the flavor good if properly smoked.

The animal husbandry department of the Kansas State Agricultural college will stage a ham and bacon show during Farm and Home Week at Manhattan, February 3 to 8, 1919. Premiums amounting to \$150 will be awarded.

"Do it now!" Cure hams and bacon and send them to the Kansas Ham and Bacon Show. For further particulars and information write A. M. Patterson, Animal Husbandry Department, Kansas State Agricultural college, Manhattan, Kan.

## Make Money by Spreading Straw

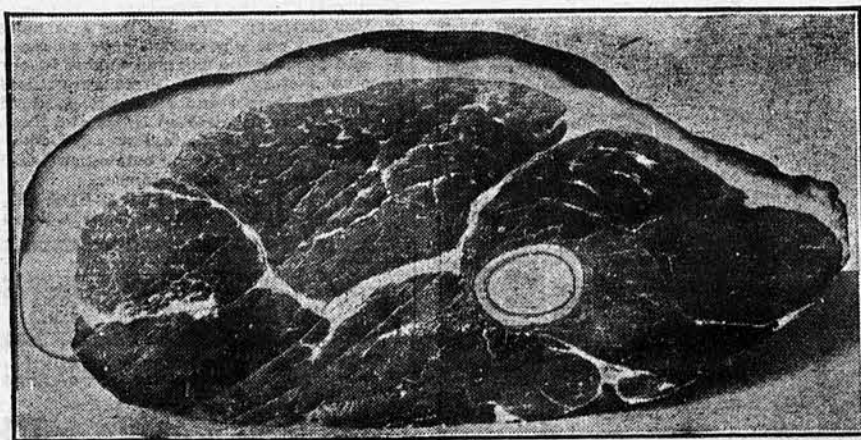
(Continued from Page 1)

than the wheat from the fields where no straw was used. Most of the wheat from the straw covered areas graded No 2 and weighed from 60 to 62 pounds to the bushel, while that from the fields having no covering of straw only graded No. 3 and weighed 56 to 58 pounds to the bushel.

Experiments conducted in Illinois show similar beneficial effects for wheat top-dressed with straw. Last year several farmers in La Salle county, Illinois averaged from 22 to 25 bushels of wheat on fields over which straw had been distributed with straw spreaders, while fields not thus protected were winter-killed and had to be plowed up and planted to other crops. Farmers in Kansas who have top-dressed their wheat with straw or manure tell me that it always greatly increases the wheat yield.

Why have we had to conserve pork products? For three years before the war our yearly average pork exports were 996,230,627 pounds. For the fiscal year 1917-18 our exports were 1,691,437,435 pounds.

One thing that makes milk expensive is the carelessness of consumers about returning the empty bottles. Bottles cost money—and the consumer must pay.



A Cut Like This is What We May Expect When Hogs Have Been Well Fattened and the Meat Has Been Properly Cured.

## Shells every ear right!

Big or little, wet or dry, without injuring corn or breaking cobs. Thorough shelling! Appleton "clean shelling" is clean shelling. Remarkably flexible finger-like devices hold any size ear with exactly right tension for best work—biggest ears can't get damaged by too much pressure; nubbins can't get thru partly shelled by too little pressure.

## APPLETON Sheller

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more work with less power because it is simpler—fewer chains, sprockets and gears. This also means less repair trouble and longer life. The Appleton proposition is certain to win you when you know all about it.

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You can successfully treat and eliminate these diseases yourself with the aid of Kow-Kure. This well-known cow medicine acts directly on the affected organs and promptly restores a normal condition. Take one of your backward cows and put it to the test.

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## STOVER Alfalfa Comminuter

Reduces Any Roughage

Reduces to uniformly fine particles—not powder—easily masticated and digested. Made in two sizes: No. 55—6 to 12 H. P. capacity 3 to 5 tons a day. No. 56—12 H. P. to 20 H. P. Capacity 8 to 15 tons a day. Will handle all kinds of hay or sheaf grain, dry or damp. Requires 25% less power than any machine of like capacity.

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MEN and WOMEN, ages 16 to 45, who have finished 8th grade or its equivalent, are wanted, from each county, for business positions paying from \$75 to \$125 a month; good chances for promotion; no experience necessary; we train you. Clip and mail this

### COUPON

DRAUGHON'S Nashville, Tenn., Box B 210; Send particulars about position paying \$75 to \$125 a month.

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# Dairymen Must Harvest Ice

## Proper Cooling of Milk and Cream is Important

BY J. A. GAMBLE and GUY M. LAMBERT

**D**AIRYMEN lose thousands of dollars every year because of poorly cooled milk and cream. These losses occur because the milk or cream is returned by dealers to the farmers, and because of low-grade manufactured products which bring low prices. Proper cooling is just as important with cream as with milk, especially as cream usually is delivered less frequently and therefore has greater opportunity to undergo undesirable fermentations.

Natural ice can be had on the dairy farms that produce 85 per cent of this country's milk and cream supply. Even where ice is not available, milk and cream, by better use of available cooling facilities, may be cooled more effectively than at present.

The temperature of the air is usually too high for cooling milk and cream; consequently it becomes necessary to lower its temperature by bringing it into contact with some body colder than itself. Ice is generally used for this purpose on the farm.

### Tools for Harvesting Ice

Farmers who have a comparatively small quantity of ice to harvest will find that they need for equipment only two saws, two ice tongs, two ice hooks, and a pointed bar. Many farmers have found it very profitable to co-operate with three or four neighbors in filling their ice houses. In such instances each individual may use his own tools, or the complete outfit may belong to a co-operative association.

In marking the ice, a long plank may be used as a straightedge, or it may be used to guide the handsaw. In cases where a horse plow is employed, the gauge attached to it will serve to keep the additional lines straight.

After the ice cakes are broken apart, two men with ice tongs can with little difficulty pull a cake of ice from the water and load it on a wagon or sled. If desired, a slide and a table platform may be used and a horse employed for drawing the cakes from the water to the platform, from which they may be easily loaded.

Before building an ice house of any kind, the quantity of ice to be stored should be determined. The quantity needed for cooling purposes will necessarily vary according to the local conditions and cannot in all cases be definitely stated, tho it may be calculated approximately.

If the average cow produces 3,500 pounds of 3.7 per cent milk in a year, which is equal to 431 pounds of 30 per cent cream, it will require 431 times 1.16 pounds, or approximately 690 pounds of ice, to cool the cream produced by one cow and keep it in a good, sweet condition until delivered to the creamery. In addition to this amount, it will usually be advisable to store 310 pounds of additional ice, thus making a total of 1,000 pounds a cow. This amount is sufficient to cool the cream needed for household use and allow for reasonable waste. Therefore, on this basis a 20-cow dairy will require 10 tons of ice for cooling the cream.

These figures are for cooling cream; if whole milk is cooled, considerably more ice will be required. Under average conditions it will take from two and a half to three times as much ice to cool the whole milk from 20 cows as it will to cool the cream from the same herd. Usually in the North it will take 1½ tons of ice for cooling the milk for every cow, and 2 tons a cow in the South. From 40 to 50 cubic feet are required for a ton of packed ice, consequently for 10 tons about 500 cubic feet of space will be necessary.

### The Farmer's Ice House

The ice should be stored as near the milk house as possible, in order to save labor in removing it to the milk tank. A great many dairymen find it an advantage to have the milk room in one end of the ice house. In this way the cost of a separate tank house is eliminated. The small amount of time and labor required to transfer the ice to the cooling tank usually acts as an added incentive for the free use of ice.

Often a good framed ice house with commercial insulation will answer

every requirement. For the floors of such a building excavate to a proper depth, depending on the character and lay of the soil, and lay a base of 4-inch concrete. Cover this with hot asphalt and lay directly on this 3 inches of good commercial insulation with all joints fitted. Cover this with another

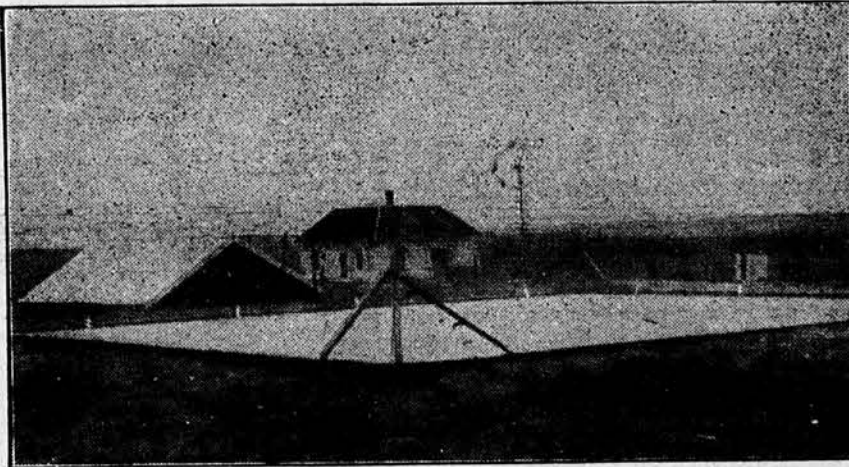
layer of water-proofed insulating paper. Afterwards securely nail directly on the wall 3 inches of good commercial insulation, followed by ½-inch Portland cement finish. The space between studs should be provided with an opening at the top and bottom for the circulation of air.

For the ceiling have one course of ¾-inch tongued-and-grooved boards nailed directly to the joists, then cover with one course of water-proofed insulating paper followed by 2 inches of good commercial insulation nailed directly to ceiling. Finish with ½-inch Portland cement plaster. For additional protection a layer of dry saw-

where sufficient fall may be had to carry off the water. The drain should be properly trapped to prevent warm air from entering the room.

More durable ice houses may be built of solid concrete or of concrete blocks. John Lovette of Mullinville, Kan., has an ice house built of concrete blocks that has proved very satisfactory. It is built on the side of a slope near the reservoir from which the ice is taken. This reservoir is walled with concrete blocks and that arrangement insures a clear, clean and wholesome supply of fresh water from which clear and wholesome ice is formed when the temperature is cold enough for freezing. Dairymen as well as other classes of farmers cannot be too particular in this matter in order to make sure that the ice is free from impurities, disease germs, and other objectionable material.

Every farm ought to have a good ice house, and a good supply of ice.



A Very Satisfactory Concrete Reservoir and Ice House on the Farm of John Lovette Near Mullinville, Kan.

layer of hot asphalt followed by a 2-inch layer of concrete. Finally finish with ½-inch Portland cement mortar. Floors should have an incline toward the drain of 1 inch in 4 feet.

For the walls set up 2 by 6 inch studs, and cover these on the outside with drop or novelty siding. On the inside cover studs with one course of ¾-inch tongued and grooved boards

dust, from 6 to 12 inches thick, may be placed on top of the ceiling. The same type of roof and door may be used as on the other wooden houses on the dairy farm.

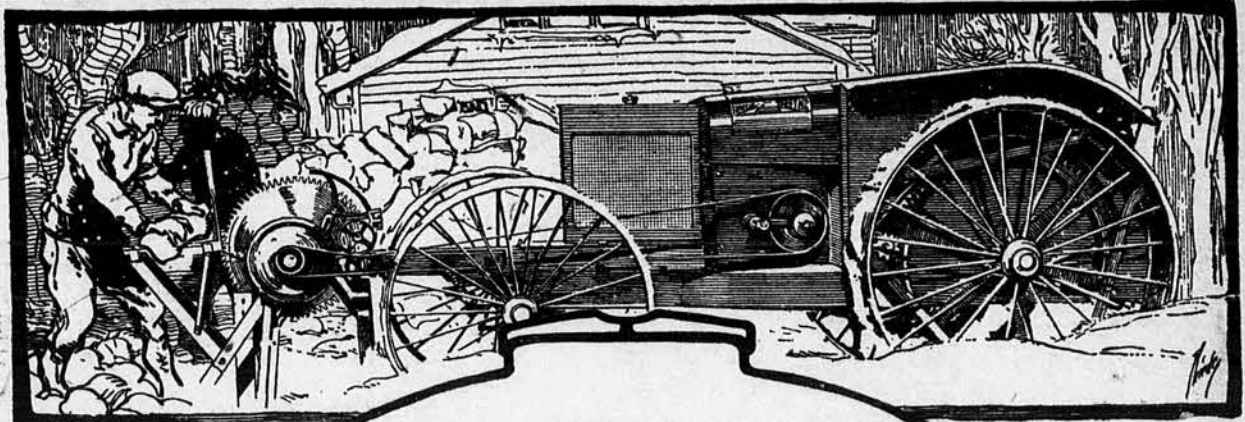
In arranging drainage let the floor slope toward the center 1 inch in 4 feet, and let a 3-inch glazed-tile drain lead from the center of the floor to a convenient point outside the building

### Professor Severson Dies

Prof. B. O. Severson, associate professor in animal husbandry, at the Kansas State Agricultural college, died Wednesday morning, December 4, at 9 o'clock, at the Charlotte Swift hospital in Manhattan of influenza. Professor Severson was at his office Monday and was taken to the hospital Tuesday.

Professor Severson moved to Manhattan the last of August, following his election as associate professor, from Pennsylvania State Agricultural college. He succeeded Capt. E. N. Wentworth, who is now in France.

Professor Severson received his bachelor's degree from the University of Wisconsin, his master's degree from the University of Pennsylvania, and had completed almost enough work in the University of Illinois, to receive the highest scholastic degree, doctor of philosophy. For the last eight years he has been a member of the animal husbandry department of Pennsylvania State Agricultural college.



## SPIREX—

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Tractors equipped with Spirex Radiators can be used in all seasons. They serve just as satisfactorily in freezing weather as on a mild, spring day.

This is because the Spirex is the most scientifically designed and durably built radiator for tractor service.

Made of very heavy copper stock with extra large water channels, the liability of freezing is reduced to a minimum.

You can use your tractor for all kinds of winter work—sawing wood, shelling corn, hauling, etc.—with fullest assurance that with ordinary care you will experience absolutely no radiator troubles if a Spirex guards your tractor motor.

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RACINE, WISCONSIN





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Learn A Trade**



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**Write Today—Now,** for my big 72-page illustrated book. It tells the whole story of the Sweeney System and how you can find real opportunity. It is absolutely FREE. Write to

**EMORY J. SWEENEY, President,  
SWEENEY AUTO & TRACTOR SCHOOL  
Dept. 518 Sweeney Bldg., Union Station Plaza, KANSAS CITY, MO.**



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

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## Capper Poultry Club

Founded by Arthur Capper of  
Topeka, Kansas in 1917

### SECOND OFFERING OF PURE-BRED POULTRY

**796—Cockerels—796**

**418—Pullets—418**

Write for the Capper Poultry Club catalog to the secretary of the breed club representing the kind of chickens in which you are interested. After receiving the catalog, write to the girl nearest you who has the breed of chickens you desire. Prices will be quoted on application and prompt shipment will be made. All members live in Kansas.

**RHODE ISLANDS,** Rose Comb and Single Comb Reds and Rose Comb Whites, Vangie McClure, Secretary, R. A., Jetmore, Kan.

**ORPINGTONS,** Single Comb White and Single Comb Buff, Eva Romine, Secretary, Box 391, Ashland, Kan.

**BRAHMAS,** Light, Agnes Wells, Secretary, Meade, Kan.

**LANGSHANS,** Black, Helen Andrew, Secretary, R. 2, Olathe, Kan.

**PLYMOUTH ROCKS,** Barred, White Buff and Partridge, Anna Greenwood, Secretary, Madison, Kan.

**LEGHORNS,** Single Comb Brown and Single Comb White, Bessie Sell, Secretary, Fredonia, Kan.

**WYANDOTTES,** White, Golden Laced and Silver Laced, Credit Loy, Secretary, R. 3, Fredonia, Kan.

**ANCONAS,** Single Comb Mottled, Bernice Johnson, Secretary, R. 1, Assaria, Kan.

**Capper Poultry Club, Capper Bldg., Topeka, Kan.**



## Three Lovely Dolls FREE They Are Indestructible

Every little girl wants a doll for her very own. Think of the joy and happiness these three dollies will bring into your own home when the little ones see them. They are just the finest playmates any little girl could wish for.

### The Dolls Are All the Same Size

The dolls are all the same size—more than ten inches tall. Their beautiful pink cheeks, brown eyes, curly hair and movable limbs bring joy to every youngster, and the best feature is THEY ARE INDESTRUCTIBLE. All three dollies on one large sheet of heavy cloth, ready to sew up on machine and stuff. So simple anyone can do it in 10 minutes' time.

**How to Get the Three Dolls Free** These three lovely dollies sent free and postpaid to all who send us \$1.00 to pay for a yearly subscription to Farmers Mail and Breeze. If you send us your order within 10 days we will also send a lovely new 1919 Calendar in colors. You will be pleased with the calendar which we send if you order NOW.

**FARMERS MAIL AND BREEZE, DOLL DEPT., TOPEKA, KANSAS.**

## FARM ANSWERS

### Feeds for Young Stock

I have some young stock and would like to know what would be the best feeds to develop them. C. M. R.  
St. Scott, Kan.

Alfalfa stands at the head of the list; next to this are the clovers, and then silage. A combination of alfalfa and silage or clover and silage makes a very satisfactory feed. For grain nothing is better than oats, or a combination of oats and peas. Wheat shorts and oil meal also make a good combination. J. W. Wilkinson.

### Unthrifty Mare

I have a mare about 13 years old that is very thin and unthrifty, and she has been going down ever since last summer. Her appetite is good and a local veterinarian says her teeth are all right. Any treatment you can suggest will be appreciated. Villa Ridge, Mo. F. L. THOMPSON.

I cannot tell you what the trouble is with your mare, as the only symptom that you submit is that the animal appears thin and unthrifty. This symptom is observed in all diseases of a serious character and is therefore of no diagnostic importance. It may be that the animal is affected with worms and I am therefore sending you a circular regarding that ailment. Kindly write me again if I can be of additional service to you.

R. R. Dykstra.

### Silage for Young Calves

Will it be all right to feed good silage to a calf 3 months old? SUBSCRIBER.

Good silage properly prepared and fed to young calves as soon as they will eat it will not hurt them. There are few feeds other than skim milk that will give so much growth to a young calf as silage. J. W. Wilkinson.

### Shotes with Soreness

I have some shotes that are not doing well. They seem to be sore all over, especially in the hind legs. What is the trouble and is there a remedy? Effingham, Kan. D. W. LEIGHTON.

I do not know what the trouble is with your hogs, as you submit only one symptom and that is that they appear to be sore all over, especially in the hind legs. This one symptom is not sufficient to make a diagnosis. I am sending you our circular letter regarding paralysis of the hind parts in pigs, as that may possibly be of assistance to you. If it is not, I trust that you will not fail to write us again.

R. R. Dykstra.

### Duroc Jersey Hog Book

I desire to get the best possible information on Duroc Jersey hog raising from start to finish. Please tell me to whom to write. Pueblo, Colo. A. D. VICKERMAN.

Write to Robert J. Evans, secretary of the American Duroc Jersey Swine Breeders' Association, 817 Exchange avenue, Chicago, Ill.

J. W. Wilkinson.

### Wants to Kill Gophers

Please advise me thru the columns of the Farmers Mail and Breeze where I can get a circular or pamphlet telling the best method of ridding alfalfa fields of gophers. Larned, Kan. E. E. L.

The Kansas State Agricultural college at Manhattan, Kan., has published the best circular I have read on this subject. Write to President W. M. Jardine, at Manhattan, Kan., for a free copy of this circular.

J. W. Wilkinson.

### Bulletins on Honey

Please tell me where I can get bulletins or circulars on honey or bee-keeping. Fredonia, Kan. K. P. M.

Write to the United States Department of Agriculture, Washington, D. C., for farmers' bulletins 503 and 653. Also write Dr. J. H. Merrill, state apiarist, Manhattan, Kan.

J. W. Wilkinson.

### What is Kubanka Wheat?

Is Kubanka wheat and Macaroni wheat the same? Mesquite, Tex. D. T. HARPER.

Kubanka wheat is a variety of the Durum or Macaroni wheat. The Kubanka has proved to be one of the highest yielding and best varieties of Macaroni wheat for this section of the United States. L. E. Call.

America's minimum food pledge is 20 million tons—save food.

## Wheat May Freeze Out This Winter

**A Severe and Stormy Winter and Late Spring is Likely. A Few Hours Spent in Spreading Straw Insures Crops at Little Expense.**

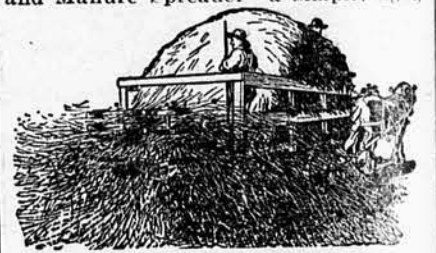
BY W. W. BURGESS

A great deal of wheat is lost every year by "winter kill," and according to the opinion of old settlers and weather prophets there is likely to be an unusually long and hard winter on wheat this year.

Agricultural colleges, Experiment Stations, County Advisers and thousands of progressive farmers everywhere have demonstrated that "winter kill" can be prevented, "soil blow" avoided, and the soil enriched by spreading straw which also conserves the moisture so necessary early in the season. They have also proven that straw may be spread at any time after wheat is planted.

Hand forking of straw won't do because it bunches too much, smothering spots and leaving others bare. It takes a scientifically accurate machine to do the work right, and for that reason I know most of our readers will be glad to learn that Mr. L. D. Rice, President of the Simplex Spreader Mfg. Co., will send full, free information on straw spreading upon request.

Mr. Rice was one of the very first to discover the merits of straw spreading, and has spent a lifetime in bringing to perfection the Simplex Straw and Manure Spreader—a simple, light,



THE SIMPLEX IN ACTION

durable machine that spreads dry, wet, chunky or rotted straw or manure to any required depth, and in a swath eighteen to twenty-five feet wide. Over 7,000 of the machines are now being used with great success all over the country. A Simplex costs so little and may be attached to any ordinary wagon, no farmer can afford to be without one.

Mr. Rice, in talking to me the other day said: "I want to see every farmer get a Simplex Straw and Manure Spreader just as fast as I can make them, so for a short time I'm going to send them out with the understanding that they do not have to be paid for a year."

By getting a Simplex now, your increased yield will more than pay for it, and you won't have a cent invested. The Simplex is sent on a free thirty day trial. I advise all readers to write to Mr. L. D. Rice, President, 1907 Traders Bldg., Kansas City, Mo., today for full information which is absolutely free and will not obligate you in any way.

## FREE BURTONS 1919 SEED BOOK.

The most complete, instructive SEED BOOK issued in the WEST, devoted to WESTERN grown SEEDS for WESTERN growers. A postcard will bring it. Write Today. Sent only on request.

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Buy on your own terms. Save \$15 to \$200. Catalog FREE.  
**WITTE ENGINE WORKS**  
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## BEANS and LAND

Pinto beans, best grade, re-clean. Sold in 100 pound lots. \$12.00 hundred, freight paid. Guaranteed to reach you in good shape. Better than the Navy beans. Also improved farm \$12 to \$40 acre.

**Schriner Land Co., Star R., Hugo, Colorado**

## 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.**

Mention The Farmers Mail and Breeze to Advertisers.



## TOM McNEAL'S ANSWERS

## Right of Wife to Pension

If A's husband is getting \$40 a month pension is she entitled to any part of it, and can she get it? If so, where should she write for information? READER.

She is entitled to a share of the pension. She should write Pension Department, Washington, D. C., setting out the facts.

## Partition Fence

A and B own adjoining farms. A claims the partition fence, a hedge fence half a mile in length. B has a pasture extending along one-half of this fence. The hedge is old; considerable land is wasted by reason of it. The hedge has been set out for more than 30 years and will not turn stock. A expects B to keep up this fence. Is there any way by which this can be equalized and A be compelled to keep up part of the fence or make a lawful fence there; or can B be compelled to repair and keep up A's hedge? SUBSCRIBER.

B is not obliged to keep up A's share of the fence. He can complain to the township fence viewers, the township trustee, clerk and treasurer, and have them determine what part of the partition fence must be maintained by each of the adjacent land owners.

## Road Petition

Can more names be added to a good road petition after it has been filed? It was found after a road petition had been filed that several pieces of land in the road district belonged to non-residents, and without this land there was not enough to carry the petition. I think the law says that after a petition has been filed no names can be taken off. Why then can names be added to it? G. E. M.

I am of the opinion that there is nothing in the law to prevent the adding of names to the petition after filing. The law contains a specific prohibition against withdrawing names from the petition, but does not forbid adding names to it.

## Soldiers' Insurance

1. State the cost by the year of the soldier's life insurance policy for \$8,000.  
2. Can the soldier retain said policy until death under existing laws by keeping the premium paid up?  
3. What would be the cost of a life policy for \$8,000 taken from a first-class company here in Kansas, premium paid up? A. J. M.

1. The rate by the month is determined by the age of the insured. The cost of an \$8,000 policy for a soldier 18 years old is \$5.12 a month or \$61.44 a year. The rate gradually increases as the holder of the policy grows older. At the age of 30, for example, the rate would be increased to \$5.53 a month and at 40 to \$6.48. At 50 to \$9.13; at 60 to \$17.68 and at 65 to \$26.80.  
2. Yes. At any time within five years after the declaration of peace has been proclaimed the soldier may without medical examination be admitted to such forms of insurance as may be provided by regulation and as the insured may request. This may be ordinary life; 20-payment life; endowment maturing at the age of 62 and other forms of insurance.

3. The cheapest form of insurance issued by old line companies is the straight life. An \$8,000 policy in an old line company would cost the policy holder at the age of say 25, \$133.28 a year as against \$63.36 under the soldier's insurance law. However, it is only fair to say that while the rate charged on this government insurance increases from year to year the rate on an old line life policy would begin to decrease after three years so that if the soldier keeps up his policy until he is 50 under the government insurance rate his annual payments in his fifth year would be almost as great as his annual premium on his old line life policy. At that age his premium on his government policy would be \$10.44, while his premium would be considerably reduced on the old line life policy by reason of his dividends.

## Renter's Right

A has been renting from B on verbal contract from year to year, the rental term expiring on March 1, 1919. This fall B sowed wheat to C, a third party, to put in the cornstalk field. Can B or C keep A from pasturing his cornstalks over the wheat? SUBSCRIBER.

No unless he pastures the field to the injury of the growing wheat.

Need a dustless duster? No need of buying one. Take an old pair of stockings, cut off the feet, cut open the legs at the seam, wring the material out of kerosene, hang on a line to dry.

## Dean Johnson Resigns

Farmers of Kansas will regret to hear that Prof. Edward C. Johnson, dean of the division of college extension in the Kansas State Agricultural college at Manhattan, Kan., has resigned his position in that institution to become dean of the college of agriculture, and director of the experiment station in the Washington State Agricultural college at Pullman.

Dean Johnson has been in charge of the extension work at the Kansas State Agricultural college for the past three years, and has put the work on a stronger basis than it has ever been since the department was organized. The big wheat yield and the big acreage of all farm crops are to be credited in a large measure to the efforts of Dean Johnson and his staff working in co-operation with the county and state officials of Kansas. Had he remained it was his plan to organize a farm bureau in every county of the state.

## 160 Hens—1500 Eggs

Mrs. H. M. Patton, Waverly, Mo., writes "I fed 2 boxes of 'More Eggs' to my hens and broke the egg record. I got 1500 eggs from 160 hens in exactly 21 days." You can do as well. Any poultry raiser can easily double his profits by doubling the egg production of his hens. A scientific tonic has been discovered that revitalizes the flock and makes hens work all the time. The tonic is called "More Eggs." Give your hens a few cents' worth of "More Eggs," and you will be amazed and delighted with results. "More Eggs" will double this year's production of eggs, so if you wish to try this great profit maker, write E. J. Reefer, poultry expert, 3369 Reefer Bldg., Kansas City, Mo., for a \$1 package of "More Eggs" Tonic. Or send \$2.25 today and get three regular \$1 packages on special discount for a season's supply. A million dollar bank guarantee if you are not absolutely satisfied, your money will be returned on request and the "More Eggs" costs you nothing. You take no risk. Write today. Pin a dollar bill to your letter or send \$2.25 special discount for 3 packages. Or ask Mr. Reefer to send you free his poultry book that tells the experience of a man who has made a fortune out of poultry.—Advertisement.

## 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.

WILL SELL either 152 a. well improved, \$3,500, or 80 a. unimproved, \$1,200. E. A. Lund, Mansfield, Mo.

LISTEN, dandy improved 160 acres, \$4,000, terms, improved 80, \$1,600. Improved valley 40, \$1,400. McGrath, Mountain View, Mo.

POLK CO., real bargains, in grain, stock, clover farms with fine flowing springs. W. M. Feilers, Flemington, Mo.

W. J. BARKER REALTY CO., Bolivar, Mo. Write for booklet and prices. Best bargains in Missouri.

IF YOU WANT a large or small prairie or timber farm, pure spring water, no crop failures, write J. E. Loy, Flemington, 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, Pineville, McDonald Co., Mo.

BIG BARGAIN—1040 acre ranch, 720 fenced, at \$10 per acre. Terms. 80 acre good farm only \$40 per acre. Terms. 40 acres only \$600. Terms. J. A. Wheeler, Mountain Grove, Mo.

CASS COUNTY, MO. Best 320 acres in the county, close to town, well improved, 30 miles from Kansas City. It's a beauty and high class, for \$130. Also 80 acres, mile from Harrisonville, well improved, fine home \$125. CHARLES BIRD, HARRISONVILLE, MO.

## 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.

## 300-Acre Farm with 12 Cows and

Bull, heifers, poultry, brood sow, wagons, harness, farming tools, hay, potatoes, grain, apples, vegetables; only 3 miles to R. R. town. 100 acres productive loam tillage. 30-cow, wire-fenced, spring-watered pasture, estimated several thousand cords wood, 50,000 timber, 2,000 sugar trees, 150 apples, 50 plums, other fruit. New 7-room home, 60 ft. basement, stock barn, other buildings, good condition. Retraining owner sacrifices complete for \$4,400.—less than half down, easy terms. Details page 28 Strout's big catalogue, bargains 17 states, many including stock, tools, crops, fitted wood for comfortable winter copy free. Dept. 3123, E. A. STROUT FARM AGENCY, 104 Finance Bldg., Kansas City, 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 electrotyped.

## KANSAS

160 A. IMP., \$87.50 a. 80 a. imp., \$100 a. Bert W. Booth, Valley Falls, Kan.

160, improved, \$65 a.; \$2,000 cash, balance good terms. I. N. Compton, Valley Falls, Kan.

CORN, WHEAT and alfalfa lands and stock farms at bargain prices. Write for list, S. L. Karr, Council Grove, Kan.

160 A., new imps., 70 cult., bal. pasture, \$50 a. Good bargain. Severns & Hettick, Williamsburg, Kan.

FOR SALE—Farm, well improved, Wabunsee county. Frank Lynn, Harveyville, Kansas.

I HAVE some of the best farms in Kansas on my list. Write me what you want. Andrew Burger, Burlington, Kan.

I HAVE the bargains. Well improved farms near town, \$40 to \$60 per acre. Easy terms. W. J. LAMB, STARK, KANSAS.

FOR SALE—All kinds of farms in N. E. Kan. Send for printed list. Silas D. Warner, 727 1/2 Commercial St., Atchison, Kan.

160 A. Anderson Co., Kan. Well imp., 60 a. wheat, 1/2 goes; abundance of water, good pasture, \$60 acre. TRIPLETT LAND CO., GARNETT, KAN.

AN A No. 1 80, highly improved, near Wichita, no better land in the Arkansas valley, price \$200 an acre. McGinness & Co., 227 E. Douglas Ave., Wichita, Kan.

HIGH NEOSHO BOTTOM—153 a., 6-room cottage, good out-buildings; 140 a. wheat, 1/2 goes with farm. Only 1 1/2 mi. R. R. town. Price \$85. Iola Land Co., Iola, Kansas.

80 ACRES 2 1/2 mi. town, improved, ml. school, 70 cultivation, \$45 acre, \$1,360 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 Investment Co., Iola, Kan.

360 ACRE CREEK BOTTOM FARM 160 a. choice alfalfa, wheat and corn land, bal. pasture, 90 a. wheat goes with farm, 15 a. alfalfa; \$6,000 worth imps. Choice inv. Only \$55 per a. M. T. Spong, Fredonia, Kan.

152 A. IMPROVED, 100 a. in cultivation, 60 a. in wheat, 1/2 goes, 50 a. pasture and meadow. Price \$45-per acre. Good bargain. Investigate this. GEO. M. REYNOLDS, WAVERLY, KANSAS.

KINGMAN COUNTY FARM. 440 acres near good town, fine wheat land. Living water. Good improvements. Well fenced. Extra opportunity for good farmer. Fine community. Will divide if too much for one party. Price \$51.00 acre. Write Jno. Goosman, Nashville, 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.

CHASE COUNTY STOCK RANCH Square section, 8 miles railroad, 80 acres cultivated, balance bluestem grazing land, nice stream, timber, fine water, good buildings. Fine for the stockman. Price \$32,000. Liberal terms. J. E. Bocoek & Son, Cottonwood Falls, Kan.

200 ACRES 3 miles of good town; 130 acres good creek bottom, 60 alfalfa, 25 wheat and 25 to 30 for crop. Good 5-room house, cellar, barn, hay barn, implement shed, crib and hog house. \$75. We have choice 80s, 160s and larger tracts. Write for descriptive circular. Dickey Land Co., Ottawa, Kan.

FOR SALE—80 ACRES 1 mile from town; 60 acres in wheat, 79 acres tillable; rich, black limestone land; 10 acres meadow. Improvements poor. Price \$65 per acre includes 1/2 wheat. FRED R. COOK, Howard, Elk Co., Kansas.

160 ACRES, corn and wheat farm; 43 acres wheat; good improvements; mile town. Bargain. Possession soon. 80 acres, unimproved; 55 acres wheat. Bargain price. 316 acres, dairy farm, mostly in grass. Number one improvements. Write for full description of above and descriptive booklet. Mansfield Land & Loan Co., Ottawa, Kan.

320 ACRES, Franklin county, Kansas. 160 acres clover; alfalfa land; 80 hog tight; 6-room house; barn 30x56 with additions; other excellent buildings; 150-ton silo; 2 1/2 miles town; 1/2 mile loading pens; abundance of water; gasoline engine; price \$90 per acre. Come at once to see this place, as it must be seen to be appreciated. Terms if wanted. FRANK MANSFIELD, Ottawa, Kansas.

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.

FOR TRADE Good clean stock of hardware and implements located in first-class town, doing good business, to exchange for farm. Nothing but first-class land desired. THE PRATT ABSTRACT & INV. CO., Pratt, Kansas.

NESS COUNTY WHEAT LAND 480 acres located 5 1/2 miles from Ness City. All good smooth land, well and wind mill, barn for 10 head of stock, 60 acres in cultivation, can all be farmed. Price, \$30 per acre. Write for list and county map. GEO. P. LOHNES, Ness City, Kan.

COFFEY COUNTY FARM 120 acres near town, 50 acres bluegrass pasture, 15 alfalfa, 20 wheat, all tillable, living water, good buildings. Extra well fenced. Part bottom. Splendid farm. Good home. \$75 per acre, half terms. A. J. SANDERS, Halls Summit, Kansas.

120 ACRES Franklin County, Kansas. 3 1/2 miles good railroad town; 35 acres pasture; 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.

400 ACRES, Butler Co., near town, 320 acres fine meadow; all lays level, plenty of good water; good house, and other improvements. 60 acres in cultivation, \$16,000. 400 acres near Wichita, 160 acres in wheat, about 100 acres in alfalfa; good improvements. A bargain at \$80 per acre. For further information write JOHN FERREITER, WICHITA, KANSAS.

## LANE COUNTY, KANSAS

Write me for prices on wheat and alfalfa, farms and ranches. \$10 to \$25 per acre. W. V. Young, Dighton, Kan.

## 80 Acres for \$5500

Summer county; good chocolate loam upland; 25 a. pasture, rest farm land; some wheat; plenty bldgs., fruit; poss. March 1. Terms. R. M. Mills, Schwelter 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.

## IMPROVED QUARTER

\$2,400—\$600 CASH Balance long time 6%. Small house, windmill, fence, cultivated land. Immediate possession. Write owners. Griffith & Baughman, Liberal, Kansas.

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ROSE COMB WHITE WYANDOTTE COCKERELS \$3. Maude Schul, Grenola, Kan.  
WHITE WYANDOTTE COCKERELS, \$2 each. Mrs. Epps Raney, Kimbal, Kan.  
SILVER WYANDOTTE COCKERELS, \$4 each. Alma Hoffman, Preston, Kan.  
SILVER WYANDOTTE COCKERELS \$3.00 each. W. E. Tilley, Irving, Kan.  
PUREBRED WHITE WYANDOTTE COCKERELS, \$3. H. F. Erdsek, Nekoma, Kan.  
PUREBRED WHITE WYANDOTTE COCKERELS \$2.50. Homer Fleury, Concordia, Kan.  
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WHITE HOLLAND TOMS, \$8; HENS, \$3. Mrs. Jack, Paradise, Kan.  
LARGE PURE BRED BRONZE TURKEYS. Laura Smith, Esbon, Kan.  
WHITE HOLLAND TOMS, \$7; HENS, \$5. Mrs. Robt. Kempin, Corning, Kan.  
PUREBRED WHITE HOLLAND TOMS, \$7. D. B. Cooper, Greensburg, Kan.  
EARLY BOURBON REDS, TOMS \$6, HENS \$4. Mrs. D. H. Noggle, Mapleton, Kan.  
WHITE HOLLAND TOMS \$7. HENS \$4.50. Jerry Brack, Havensville, Kan.  
THOROUGHbred BRONZE TOMS, EARLY, healthy, \$10. Will Small, Anness, Kan.  
BOURBON REDS, TOMS, \$6.50; HENS, \$4.50. Joseph Wagner, Towner, Colo.  
BOURBON RED TURKEYS, EARLY, FINE mark. Walter Baird, Deerhead, Kan.  
PUREBRED MAMMOTH BRONZE TOMS, \$10. Mrs. H. G. Hallaway, Fowler, Kan.  
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GIANT MAMMOTH BRONZE TURKEYS—Thrifty range-raised birds. Toms \$10-\$25, Hens \$5. W. H. Streeter, Dighton, Kan.  
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MAMMOTH BRONZE TURKEY TOMS. Famous Goldbank-Hugo King strain. \$10 each. Neill McGrath, Lamar, Colo.  
MAMMOTH BRONZE TURKEYS, MAY hatch, Pennsylvania strains. Toms, \$8; hens, \$6. Gertrude Tilzey, Lucas, Kan.  
THOROUGHbred BOURBON RED TOMS for sale. Mrs. Hattie Rodgers, Route 6, Wakeeney, Kan.  
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BOURBON TURKEYS, \$5 AND \$6. ROSE Comb Red cockerels, \$3. Mrs. Mina Johnson, Erie, Kan.  
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PUREBRED BOURBON RED TURKEYS. Toms, \$6.50; hens, \$4.50. Mrs. S. Hutcherson, Oakhill, Kan.  
MAMMOTH BRONZE TURKEYS FROM prize stock, \$5.00 to \$10.00. Mrs. P. D. Spohn, Inman, Kan.  
BIG BONED MAMMOTH BRONZE YOUNG TOMS (Gold Bank Strain). Herman Dohrmann, Hudson, Kan.  
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PUREBRED WHITE HOLLAND, REASONABLE price. Healthy. Ad not to appear again. Mrs. Geo. Darnold, LaHarpe, Kan.  
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EXCEPTIONALLY FINE MAMMOTH Bronze turkeys for sale. None better. Prices surprising. Gertrude Washington, Kensington, Kan.  
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IDEAL MAMMOTH BRONZE GOLD BANK strain. Mature toms weigh 40 pounds; hens 22. Young toms, 24-26 pounds, \$10. Hens, 12-16 pounds, \$7. The best go first. Laura Ullom, Lamar, Colo.

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SILVER WYANDOTTE AND LIGHT Brahma cockerels, \$2.50 each. Emma Lyons, Lyndon, Kan.  
BLUE ANDALUSIAN, BUFF LEGHORN COCKERELS, Buff Orpington, ducks, Bourbon Red toms. John A. Huber, La Crosse, Kan.  
FINE BARRED ROCKS, LIGHT BRAHMAS, White Leghorns, Cockerels, geese, ducks, guineas. Emma Ahlstedt, Lindsborg, Kan.  
PUREBRED MAMMOTH BRONZE TURKEYS. Toms, \$10; hens, \$6. Toulouse geese, \$3. Mrs. C. A. Morton, R. F. D. 1, Hume, Mo.  
FOR SALE—PUREBRED FAWN AND White Runner ducks and drakes, also purebred Buff Rock hens, \$1.50 each. Mrs. Abbie Brush, Burr Oak, Kan.  
58 VARIETIES FINE PUREBRED CHICKENS, ducks, geese, turkeys. Prices reasonable. Catalog 4c. A. A. Ziemer, Austin, Minn.  
FOR SALE—PRIZE WINNERS. S. C. BUFF Orpington, Blue Andalusian, Toulouse geese and ganders, Indian Runner ducks. Mrs. Viola Branic, Netawaka, Kan.  
SINGLE COMB BROWN LEGHORN COCKERELS, Single Comb Ancona cockerels, white guineas, fawn and white Indian Runner ducks. All high class stock. E. Dooley, Selma, Ia.

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RUNNER DUCKS WANTED. EMMA AHLstedt, Lindsborg, Kan.  
IF DISSATISFIED WITH LOCAL PRICES on poultry write for cash offers. Coops loaned free. The Copes, Topeka, Kan.



# ADDITIONAL CLASSIFIED ADS

## FOR SALE.

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

FOR SALE—SECOND-HAND TRACTORS, \$150 up. S. B. Vaughan, Newton, Kan.

CORN SHELLER—ONE FOUR-HOLE KEY-stone corn sheller nearly new. G. F. Wagner, No. 28, Topeka, Kan.

FOR SALE—NUMBER OF WHITE OAK tanks, capacity 30 barrels. Good condition. Kuchner Brothers, Topeka, Kan.

EIGHT-SIXTEEN AVERY TRACTOR AND three fourteen-inch tractor plow. Will take in Ford as part pay. J. W. Tredway, Stillwell, Kan.

10-20 MOGUL USED TWO SEASONS, plowed about 300 acres, 3 bottom 14-in. plow. Will sell for half price. A bargain. Abraham Unger, Box 59, Peabody, Kan.

FOR SALE—ONE BATES STEEL MULE tractor, 16 horse draw bar, 30 belt. Pulls four 12 inch plows nicely. Nearly new in first class mechanical condition. For quick sale, \$750. C. W. Griffin, Chanute, Kan.

BALE TIES WHOLESALERS 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.

FOR SALE—SANDUSKY TRACTOR, 15-35, model D, equipped with latest motor, model E. Motor nearly new. Also a 14 in. 4 bottom LaCross plow. The outfit for \$1,000. As good a bargain as you'll find. Address J. J. Delk, R. 1, Peabody, Kan. Phone, Bell through Peabody, or Mutual through Auline.

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.

## SEEDS AND NURSERIES.

KAFFIR OR MILO SEED FOR SALE IN car lots or less. Good cane seed. Farmers Elevator, Wilburton, Kansas.

SEEDS—SEND FOR OUR NEW 1919 CATALOGUE. Free. Hayes Seed House, Topeka, Kan.

200 BU. HAND PICKED WHITE SEED corn. Will Harris, Jr., Box 32, Langdon, Kan.

SUDAN GRASS SEED, GUARANTEED free from Johnson grass, 20c pound f. o. b. you furnish sacks. W. C. Topliff, Howard, Kan.

ALFALFA SEED \$8 to \$9.50 PER BUSHEL. White hulled Sweet clover, \$13; unhulled, 70 pounds, \$11. Sacks 75 cents. R. L. Snodgrass, R. 4, Augusta, Kan.

SEND \$1 AND WE WILL SEND YOU 12 Concord grapevines, 2 years (postpaid). Catalog free. Plant now. Welch Nursery, Shenandoah, Iowa.

WE WANT TO BUY NEW CROP ALFALFA seed, Sudan grass seed, cane seed, feterita, maize, millet and pop corn. Please quote us with samples. Binding Stevens Seed Co., Tulsa, Okla.

DWARF AND STANDARD BROOM CORN seed, Cream and Red Dwarf maize, white, red and Schrock kafir; feterita; Amber, Orange and Sumac canes, all \$7.50. Sudan, \$20, all per 100 lbs., freight prepaid. Claycomb Seed Store, Guyman, Okla.

SEEDS WANTED—MILLET, SWEET clover, alfalfa, also popcorn. Good grades. Write, send samples advising approximate quantities for sale. Mitchell Seed Co., St. Joseph, Mo.

## BELGIAN HARES

BELGIAN HARES. L. V. CARR, GARDEN City, Kan.

## LANDS.

ONE HUNDRED SIXTY ACRES, HENRY Co., Mo. Thirty acres wheat, good house, barn. Terms to suit. J. W. Tredway, Stillwell, Kan.

FOR QUICK SALE—80 A. FAIR IMP.; 65 A. broke, 50 wheat; good alfalfa or corn land, 240 A. highly imp.; 90 A. broke, 30 wheat, 30 alfalfa, 8 A. clover, 22 A. for spring crop. E. Gathers, Maple Hill, Kan.

YOUR CHANCE IS IN CANADA—RICH lands and business opportunities offer you independence. Farm lands, \$11 to \$30 acre; irrigated lands, \$35 to \$50; Twenty years to pay; \$2,000 loan in improvements. Loan of live stock. Taxes average under twenty cents an acre; no taxes on improvements, personal property or live stock. Good markets, churches, schools, roads, telephones. Excellent climate—crops and live stock prove it. Special homeseekers' fare certificates. Write for free booklets. Allen Cameron, General Superintendent Land Branch, Canadian Pacific Railway, 14 Ninth Avenue, Calgary, Alberta.

WHEN COLD WINDS BLOW ARE YOU thinking? Why not spend the future in mild, inviting climate? In Snohomish county, Washington, is the greatest proposition on market for the man who wants a real farm. Take your pick from 12,000 acres of wonderfully productive soil. Faces salt water; 20 miles lake shore. Rail and water transportation, good schools, churches, roads, mills, factories, canneries. Large cities close by insure top-notch prices for all you produce. Land as low as \$25 and \$35 per acre; ten yearly payments. Write today for maps and literature. Brownell Land Co., 902 Third Ave., Seattle.

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.

FOR SALE—QUARTER SECTION IN south part Osage county, Kansas. Three miles good R. R. town. One hundred twenty acres cultivated. Good soil, good improvements, well fenced, some wheat. Eighty dollars per acre. Will carry half on land. Easy interest. J. R. Bechtel, M. D., Lawrence, Kan.

## FARMS WANTED.

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

I HAVE A GENERAL STORE LOCATED in good farming town which I would like to exchange for small farm, stock and tools, or would exchange for small farm out to wheat and pay difference. H. M., Farmers Mail and Breeze, Topeka, Kan.

## AGENTS WANTED

WANTED—A PLACE TO WORK ON FARM (stock farm preferred) as tenant man; have small family; can furnish A-1 references. C. Sanders, R. F. D. 4, care Chas. Hothan, Scranton, Kan.

## WANTED

WANTED—DRIVEBELT, EIGHT-INCH, 150 feet. Also five-inch 16-foot leather belt. Frank Jardon, Baldwin, Kan.

## FOR SALE OR TRADE

FOR SALE OR TRADE FOR FORD CAR, one registered jack. Page Nicklin, Emporia, Kan., R. R. 8.

## TRAPPERS.

TRAPPERS—I CAN SHOW YOU HOW TO catch wolves and foxes. John Mitchell, Lafontaine, Kan.

## PERSONAL.

HOME FOR THE OLD, FEEBLE AND UNfortunate girls. Box 651, Kansas City, Mo.

## AGENTS WANTED

WANTED—SALESMEN AND AGENTS. Both glazed and unglazed tile silos. Beatrice Creamery Company, Topeka, Kan.

## HONEY AND CHEESE.

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

## 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.

## DOGS.

THOROUGHbred BULL DOG PUP FOR sale. Edgar Burk, Osage City, Kan.

SNOW WHITE ESQUIMO SPITZ PUPPIES, Beauties. Plainview Farm, Humboldt, Kan.

FULL BLOODED ISLAND WHITE SCOTCH Collie pups. Richard Spencer, Wiley, Colo.

COLLIE PUPS, ELIGIBLE TO REGISTER, well marked; males \$10, females \$5. E. B. Parker, Lyons, Kan.

WANTED—WELL TRAINED COLLIE OR Shepherd cattle dog that will drive from the heel. State price. P. L. Thielen, Dorance, Kan.

## MISCELLANEOUS.

ABORTION PREVENTED BY R. HAROLD, Manhattan, Kan.

WANTED—AGENTS TILE SILOS. SALINA Vitriol Brick Co., Salina, Kan.

PINTO BEANS, 100 LBS. F. O. B. HERE, \$8.00. R. E. Hooper, Stratton, Colo.

WANTED—TERRITORY MANAGERS AND agents tile silos. Capital City Brick Company, Topeka, Kan.

SPIRITISM—WHENCE? BIBLICAL Secret. Hundred pages. Ten cents. Joseph Greig, Parker, S. D.

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

SCHOLARSHIPS, ANY COURSE KANSAS Wesleyan Business College, Salina, discount pays month's tuition and board on full course. Recorder, Westmoreland, 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.

AGE 30, \$14.19 A YEAR PER THOUSAND. Age 35, \$16.48 a year per thousand. Age 45, \$23.75 a year per thousand. Good territories. Easiest selling life insurance proposition on the market. Kansas Agency, Illinois Bankers Life Ass'n., 209 Winne Bldg., Wichita, 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 buy on orders. Market information free. Ryan Robinson Com. Co., 425 Live Stock Exchange, Kansas City Stock Yards.

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 for the asking. Only 5c a word each week. Send in a trial ad now while you are thinking about it. Capper's Weekly, Topeka, Kan.

## Express Rates Increased

It would seem as if the unification of the postal, express, telephone, and telegraph services under the postoffice department and the administration of them all in harmony with railroad control ought to result in big economies. This may be the case in the end but for the present rates will mostly remain high, and in many cases they will continue to be raised, as the policy is to keep wages at the high level in order to head off discontent. January 1 express rates will be boosted.

## Good Crops for Next Year

Recent good rains in nearly every part of Kansas have put the ground into excellent condition, and farmers say that there is more moisture in the subsoil now than there has been for four or five years. With only just a moderate amount of rain in 1919 good crops are assured.

The outlook for wheat is very favorable. Conditions this fall have been almost ideal for wheat. There have been but few localities in which the Hessian fly appeared, and no material damage has been reported in any of these places. No one expects any serious trouble with chinch bugs or other pests next spring. The only discouraging feature has been the rank growth of the wheat which has caused some persons to fear that the plants would "joint" this fall and that this would result in injury this winter and also would interfere with the growth next spring. The recent cool weather has eliminated this danger, however, and the wheat is stooling well and now we have reason to believe that next year's crop will be the largest ever grown in Kansas. Local conditions over the state are shown in the county reports that follow.

**Cheyenne County**—We are having fine weather after a week of steady cold. The first snow of the season fell November 23. The wheat crop is in excellent condition, but few farmers are pasturing it. Corn husking is progressing and 10 cents is the standard price. Feed is plentiful. Numerous public sales are held with everything at high prices. Butterfat is selling at 60c; eggs 55c. —F. M. Hurlock, Dec. 7.

**Cowley County**—Pleasant fall weather is saving the fodder and hay crops, as stock has been turned on wheat fields. The soil is too wet for fall plowing. A heavy snow fell November 27. Horses pastured on alfalfa are costing their owners \$4 a month. Hay is worth \$10; eggs 72c; cream 62c; hogs \$17; wheat \$2.03; kafir \$2.80.—Fred Page, Dec. 7.

**Crawford County**—Nice weather and plenty of moisture. Stock is selling low compared with meats from over the block. There is no demand for horses. Corn is selling at \$1.50; wheat \$2; oats 70c; eggs 57c; butter 40c; chickens 17c to 20c; geese 17c to 20c; hogs \$16.25.—E. Lindenberg, Dec. 5.

**Decatur County**—Our corn crop was nearly a total failure. Wheat is a very good crop. Feed is scarce and hay sells from \$10 to \$12 a ton. Farmers in this county are feeding only enough hogs for home butchering. Eggs are worth 48c; butter 55c; butterfat 64c; oats \$1.02; corn \$1.50; barley \$1.10.—J. S. Bell, Dec. 2.

**Douglas County**—Standing corn has been gathered, but some shocks have not been touched. The condition of our wheat crop is very discouraging. On sandy soil the crop is turning red and seems to suddenly stop growing. I believe it is a sort of rust on the wheat.—O. L. Cox, Dec. 7.

**Edwards County**—Weather has been very good for the late wheat crop. There isn't any corn to husk in this county this fall, due to the dry summer. Plenty of moisture now in the ground. Corn is selling at \$1.55; oats 79c; butterfat 65c; eggs 65c.—L. A. Spitz, Dec. 7.

**Ellis County**—The weather is very cold. Wheat is in excellent condition for winter. Feed is scarce and high. Wheat is selling at \$1.80; corn \$1.65 and very scarce; potatoes \$1.80; hogs 17c.—C. F. Erbert, Dec. 5.

**Finney County**—The early wheat crop that was not damaged by grasshoppers is in excellent condition, and we have plenty of moisture. Corn is scarce, but we have sufficient rough feed. All farm implements sell well, and livestock, except horses. Eggs are worth 60c to 70c; milk \$2.25; chops \$3.15.—S. A. Altus, Dec. 7.

**Harper County**—Weather is pleasant and warm. Wheat is growing nicely. Most of the fall work has been completed. Feed is not plentiful, but farmers have turned stock out on wheat pasture. There are not many cattle in the county. Wheat will not need rain for several months. Influenza is causing many deaths in the county.—H. E. Henderson, Dec. 7.

**Jewell County**—Farmers are pasturing the wheat fields. Few sows are being bred for spring litters. Considerable wheat has gone to market from the southern part of the county. Feed and grain sell high at public sales.—I. S. Godding, Dec. 7.

**Kiowa County**—We have at last lost the grasshoppers. There is enough moisture in the ground to keep the wheat crop thriving. Much of the corn in this county is yet un-gathered. Feed is scarce. Corn is worth \$1.40.—H. E. Stewart, Dec. 7.

**Labette County**—Wheat fields are being used for pasturing. Some road work has been done. A few public sales are held. Not much grain has gone to market. Eggs are worth 54c; butter 45c; oats 63c.—George H. Schuttler, Dec. 7.

**Linn County**—Wheat is in excellent condition and making good pasture, especially for milk cows. Stock water is low. All stock brings good prices at sales except horses and mules. Corn is selling at \$1.50; eggs 60c; butterfat 66c.—Mrs. O. J. Mitchell, Dec. 7.

**Morris County**—Farmers are getting ready for winter. Feed is holding out real well, due to the open fall weather. Much stock has been shipped out and numerous sales are held. All livestock, except horses, brings very favorable prices. Corn shipped into the county sells for \$1.60; butterfat 65c; eggs 60c.—J. R. Henry, Dec. 7.

**Morton County**—Many farmers sowed wheat on sorghum stubble and owing to the abundant rains it is doing well. We have had fine weather this week for threshing the sorghum crop, and most of it was done with binders and headers. Many farmers are threshing direct from the shock, thus saving stacking. Bundle fodder, cane, kafir and broomcorn are plentiful. Eggs sell for 41c; butterfat 57c; poultry 16c.—E. Rao Stillman, Dec. 5.

**Ness County**—We had sufficient moisture in October to take the wheat crop thru the winter. Ground is in good condition. Livestock does not thrive on winter grass. But-

terfat worth 65c; eggs 60c.—R. W. Broton, Dec. 7.

**Osborne County**—We are enjoying ideal fall weather. Fall wheat is making good pasture. Corn is husked and farmers are busy hauling feed and getting ready for winter. Milk cows are in demand.—W. F. Arnold, Dec. 4.

**Pawnee County**—The subsoil is well soaked. We will have plenty of moisture to keep wheat growing nicely and make good winter pastures. Grasshoppers did considerable damage in the western part of the county, where some wheat crops had to be resown. Cream is worth 62c; corn \$1.50.—E. H. Gore, Dec. 7.

**Phillips County**—Early sown wheat is growing nicely and the soil is in excellent condition. Grasshoppers made late seeding and re-seeding necessary in some parts of the county. The recent cold, windy weather is unfavorable for late wheat. An average corn crop is being gathered in the northern half of the county, while in other parts the crop was a failure. Milk cows are in demand at public sales. Wheat is worth \$1.96; cream 60c; eggs 59c.—A. D. Sutley, Dec. 7.

**Rawlins County**—Soil has abundant moisture and wheat is getting a good start. Prospects are very bright for a 1919 wheat crop. Stock is doing fine and feed is plentiful. Butter is selling for 50c; eggs 60c; potatoes \$1.50; apples \$2; chickens 15c; hogs 16c; cattle 7c to 12c.—A. Madsen, Dec. 6.

**Republic County**—A heavy, wet snow November 27 left the ground in splendid condition for winter wheat. Lots of late fall plowing is being done. Feed is of poor quality and scarce. Mill feeds are almost unobtainable. Horses are cheap, and mules sell for high prices. Hogs are selling at \$13.75 to \$16.50; butterfat 69c; eggs 55c to 67c.—E. L. Shepard, Dec. 6.

**Saline County**—The last crop of alfalfa was quite heavy and difficult to cure. We had a 2½-inch snow November 27. Corn or sorghums did not mature. Fodder is very short except on bottom lands. Cattle do not bring good prices this fall. The wheat fields are being pastured. Hogs are worth 12½c to 16½c; butter 52c; butterfat 66c; eggs 62c.—J. P. Nelson, Dec. 4.

**Sheridan County**—Winter wheat is in the best of condition. Plenty of moisture in the ground. Wheat pastures are balancing the feed shortage. Livestock is going into winter quarters in fine condition.—R. E. Patterson, Dec. 5.

**Scott County**—We are threshing cane, kafir and milo this week. Some fields show good yields while others are very thin. Farmers still have some wheat to sow. Corn is not all husked. Corn is worth \$1.50; cane \$2.50 to \$2.75; eggs 60c; butter 60c; potatoes \$1.25 to \$1.50.—J. M. Helfrick, Dec. 7.

## A Christmas Gift for You

Thousands of Kansas kiddies feel acquainted with John F. Case, three years manager of the Capper Pig Club and now director of boys and girls club work for the Capper publications. Mr. Case is the sort of fellow who is "Uncle John" once the little folks get to know him well. And so readers of the Farmers Mail and Breeze will be interested to learn that Mr. Case is the author of one of the latest, most popular books for children, "General Jimmie Rabbit," just issued by the Mail Printing House at Topeka, Kan.

The "Jimmie Rabbit" stories first were told by Mr. Case to his small son. Wilfred found them so interesting that they have been retold for other children. "Animal action stories for little folks with pep" is the way Mr. Case describes the book which is full of action and adventure and will be enjoyed not only by boys and girls but by grownups as well. "General Jimmie Rabbit" will make an attractive Christmas present and it can be obtained free with a one-year subscription, new or renewal, to the Farmers Mail and Breeze. Send \$1 and say, "I want the Jimmie Rabbit book." Your subscription will be credited promptly and the book will be sent to you by return mail.

"We have saved the soul of civilization. Let us now proceed to care for its sick body."

Well balanced rations and careful feeding have a direct bearing on the production of your hens.

## Laid Eggs Every Day

A. P. Woodard, of St. Cloud, Florida, writes: "We get from 40 to 50 eggs per day. Before using 'More Eggs' we were getting only 8 and 9 eggs a day."

Any poultry raiser can easily double his profits by doubling the egg production of his hens. "More Eggs" is a scientific tonic that revitalizes the flock and makes the hens work all the time. "More Eggs" will double the production of eggs. Poultry raisers everywhere are making big profits by giving their hens "More Eggs." The results of a few cents worth will amaze you.

Send \$1.00 to E. J. Reefer, the poultry expert, 7319 Reefer Bldg., Kansas City, Missouri, for a package of "More Eggs." A million dollar bank guarantee if you are not absolutely satisfied your dollar will be returned on request. Send a dollar today, or send \$2.25 and get 3 regular \$1.00 packages on special discount for a full season's supply, or write to Mr. Reefer for his free poultry book that tells the experiences of a man who has made a fortune out of poultry.—Advertisement.



## Farmers Mail and Breeze

### Money-Saving Clubbing Offers

Good to December 25 Only

### This Coupon Worth 25 Cents

toward any clubbing combination in this column if used before  
**DECEMBER 25, 1918**  
This coupon to be used the same as 25 cents cash toward any combination listed herewith

**CLUB No. 10**  
Farmers Mail and Breeze... } Value  
Household ..... } **\$1.50**  
People's Popular Monthly... }  
All for \$1.25 or \$1.00 cash and the 25c coupon.

**CLUB No. 11**  
Farmers Mail and Breeze... } Value  
Home Life ..... } **\$1.55**  
Gentlewoman ..... }  
All for \$1.25 or \$1.00 cash and the 25c coupon.

**CLUB No. 12**  
Farmers Mail and Breeze... } Value  
Household ..... } **\$1.70**  
People's Popular Monthly... }  
Gentlewoman ..... }  
All for \$1.40 or \$1.15 cash and the 25c coupon.

**SPECIAL CLUB No. 100**  
Farmers Mail and Breeze... } Value  
Capper's Weekly ..... } **\$2.25**  
The Household ..... }  
All for \$1.75 or \$1.50 cash and the 25c coupon.

**CLUB No. 13**  
Farmers Mail and Breeze... } Value  
McCall's Magazine ..... } **\$2.25**  
Household ..... }  
All for \$1.80 or \$1.55 cash and the 25c coupon.

**CLUB No. 14**  
Farmers Mail and Breeze... } Value  
Capper's Weekly ..... } **\$2.60**  
Household ..... }  
American Woman ..... }  
All for \$2.10 or \$1.85 cash and the 25c coupon.

**CLUB No. 15**  
Farmers Mail and Breeze... } Value  
Modern Priscilla ..... } **\$2.75**  
Household ..... }  
All for \$2.15 or \$1.90 cash and the 25c coupon.

### Calendar FREE

With every order received before  
December 25, 1918

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

### Dec. 25 the Last Day

Farmers Mail and Breeze, Topeka, Kan.  
Enclosed find \$ and one 25c coupon for which please send me all the periodicals named in Club No. for the term of one year and a calendar free.

Name .....  
Postoffice .....  
R. F. D. .... Box. .... State. ....

## 24 Complete Novels, Novelettes and Stories, FREE

To introduce our wonderful book offers we will send this fine collection of reading matter for a small favor. Each is a complete story in itself. Here are a few of the titles and there are 14 others just as good.

Woven on Fate's Loom, Charles Garvice  
The Tide of the Morning Bar, Francis H. Barnett  
Hulda, Marion Harland  
The Lost Diamond, Charlotte M. Braeme  
The Spectre Revels, Mrs. Southworth  
The Green Ledger, Miss M. E. Braddon  
Barbara, The Duchess  
Circumstantial Evidence, Miss M. V. Victor  
The Heir of Arno, Charlotte M. Braeme  
Eve Holly's Heart, Mary Kyle Dallas  
Quatermain's Story, H. Rider Haggard

Sent free and postpaid to all who send us two 3-months' subscriptions to the Household at 10 cents each, 20 cents in all. The Household is a big story paper and magazine of 50 pages, heavy durable cover. Price 30 cents a copy.  
The Household, Dept. 755, Topeka, Kansas

### Military Hand Book

Are you thoroughly informed in military affairs? The things you ought to know are told concisely, and briefly in the Citizens Military Handbook of 50 pages, heavy durable cover. Price 30 cents a copy.  
Novelty House, Dept. M. H., Topeka, Kansas

### Gold Plated Flag Pin Free

Flag Pins are now being worn by all patriotic American Citizens. Get in line and show your patriotism by wearing one of our Gold Plated enameled pins which we send for only 10c to help pay advertising expenses.  
Jewelry House, 137 Eighth St., Topeka, Kan.

## LIVESTOCK SERVICE

Of the Capper Farm Papers

**T. W. MORSE**  
Director and Livestock Editor

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**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 advertisers only such issues of the paper as contain their advertisements.  
We are compelled, therefore, to suspend entirely our complimentary list.

### PUREBRED STOCK SALES.

**Horses.**  
Feb. 20-21—Nebraska Pure Bred Horse Breeders' Ass'n Sale, Grand Island, Neb.  
C. F. Way, Lincoln, Neb., sale manager.

**Jacks and Jennets.**  
Mch. 25—H. T. Hineman & Sons, Dighton, Kan.

**Shorthorn Cattle.**  
Dec. 17—Miss M. V. Stanley, Anthony, Kan.  
Dec. 18—Bennington Bros., Rago, Kan.  
Dec. 19—D. L. Dawdy, Arrington, Kan., and Ed. Stegell, Straight Creek, Kan. Sale at Holton, Kan.  
Dec. 19—Ben Lyne, Oak Hill, Kan. Sale at Abilene, Kan.  
March 5-6—South West Nebraska Shorthorn Breeders' Ass'n, Cambridge, Neb. W. E. McKillip, Mgr.

**Hereford Cattle.**  
Jan. 4—H. R. Wilson, Garrison, Ia.  
Jan. 7—Mousel Bros., Cambridge, Neb.  
Jan. 8—E. C. Rodwell, Mousel Bros., et al., Cambridge, Neb.  
Jan. 8—(evening) S. S. Griffith & Son, Cambridge, Neb.  
Jan. 9—Blackwood & Wilkinson, Edison, Neb. Sale at Oxford, Neb.  
Jan. 25—Carl Miller, Bellevue, Kan.; sale at Alma, Kan.  
Feb. 22—C. F. Behrent, Norton, Kansas.  
Mch. 4, 5 and 6—American Hereford Breeders' Ass'n, Sale at Kansas City; R. J. Kinzer, Sec'y.  
Mch. 7—Kansas Hereford Breeders' Ass'n at Alma, Kan.; Emmet George, Sec'y, Council Grove, Kan.

**Holstein Cattle.**  
Jan. 14—Henry C. Glissmann, South Omaha, Neb.  
Feb. 11—Nebraska Holstein Breeders' Consignment Sales Co., Dwight Williams, Mgr., South Omaha, Neb.  
Feb. 15—W. H. Boughner, Downs, Kan.  
Mch. 25—Kansas Holstein Breeders' Ass'n Sale, Topeka, Kan. W. H. Mott, Mgr., Herington, Kan.

**Spotted Poles.**  
Feb. 25—Everett Hays, Manhattan, Kan.

**Poland China Hogs.**  
Dec. 19—Ben Lyne, Oak Hill, Kan. Sale at Abilene, Kan.  
Jan. 14—H. T. Hayman, Formosa, Kan.  
Jan. 23—Frank L. Downie, Hutchinson, Kan.  
Jan. 31—J. J. Hartman, Elmo, Kan.  
Jan. 30—Adams & Mason Gypsum, Kan.  
Feb. 1—H. E. Myers, Gardner, Kan.  
Feb. 1—J. H. Brown, Selden, Kan. Sale at Oberlin, Kan.  
Feb. 2—Von 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—O. B. Clemetson, Holton, Kan.  
Feb. 12—B. E. Ridgley, Pickrell, Neb.  
Feb. 12—J. M. Barnett, Denison, Kan.  
Feb. 18—C. E. Wade, Rising City, Neb.  
Feb. 19—A. J. Erhart & Sons, Ness City, Kan. Sale at Hutchinson, Kan.  
Feb. 20—Ross & Vincent, Sterling, Kan.  
Feb. 22—C. F. Behrent, Norton, Kansas.  
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.**  
Jan. 9—J. O. Bayne & Son, Aurora, Neb.  
Jan. 20—Theodore Foss, Sterling, Neb. (Night sale)  
Jan. 20—Dave Boesiger, Courtland, Neb.  
Jan. 21—C. C. Dee, Tecumseh, Neb.  
Jan. 21—J. T. Whalen & Son, Courtland, Neb.  
Night sale, at Lincoln, Neb.  
Jan. 22—Geo. Briggs & Son, Clay Center, Neb.  
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—Prott Bros., Alexandria, Neb.  
Jan. 28—W. R. 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—D. L. Wallace (night sale), Rising City, Neb.  
Feb. 4—R. W. Wille & Son, Genoa, Neb.  
Feb. 5—F. E. Gwin & Sons, Morrowville, Kan., at Washington, Kan.  
Feb. 6—A. L. Wylie & Son, Clay Center, Kan.  
Feb. 7—Kansas Duroc Jersey breeders Asso. sale, Manhattan, Kan.  
Feb. 12—Earl Babcock, Fairbury, Neb.  
Feb. 12—W. A. Williams, Marlow, Okla.  
Feb. 13—Milton Peland, Sabetha, Kan.  
Feb. 13—Finerty Farms, Oklahoma City, Okla.  
Feb. 13—C. B. Clark, Thompson, Neb.  
Feb. 14—W. W. Zink, Turon, Kan.  
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—Mott Bros., Herington, Kan.  
Feb. 24—A. L. Eshelman, Abilene, Kan.  
Feb. 26—John W. Pettford, Saffordville, Kan.  
Feb. 26—Gordon & Hamilton, Horton, Kan.  
Feb. 27—A. J. Turinsky, Barnes, Kan.  
Feb. 27—W. W. Otey & Son, Winfield, Kan.  
Feb. 28—R. E. Mather, Centralia, Kan.  
Feb. 28—Woodell & Danner, Winfield, Kan.  
March 4—W. H. Schroyer Farms, Miltonvale, Kan.  
Mch. 3—Lester Coad, Glen Elder, Kan.  
Mch. 6—W. H. Schroyer, Miltonvale, Kan.  
Mch. 7—J. A. Bockstette, 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

**Shorthorn-Farmer Bulls.**  
Fred Abildgaard, Winfield, Kan., has four Scotch topped Shorthorn bulls that he wishes to sell quickly. They are unusually good, the kind that show quality all over and the prices asked are very reasonable, so reasonable that any farmer can afford to own one of these good young bulls. See them before they are gone.—Advertisement.

**Sons of a Great Holstein Sire.**  
Stubbs Farm, Mulvane, Kan., offers two sons of the great sire, Gem Pieterje Paul De Kol 3rd, said to be the only bull in Kansas with a 30-pound daughter and the only bull in the state with two 29-pound daughters. He has also four daughters with 750-pound butter records in a year. One of his daughters in the Milwaukee sale last June sold for \$1,350. If you want one of his sons get in touch with Stubbs Farm Manager before they are gone.—Advertisement.

**Duroc Boars at Farmers Price.**  
G. B. Wooddell, Winfield, Kan., has 25 spring boars out of good Duroc sows and sired by good sires. They are immunized, rugged fellows that carry the blood of champions. Some are good enough to head good herds, but in order to move them quickly Mr. Wooddell intends to sell them at farmers prices. First come, first served. Here is a good chance to get a good Duroc boar at a very reasonable price. Write him today mentioning Farmers Mail and Breeze.—Advertisement.

**A Car of Shorthorn Cows.**  
O. E. Torrey, of Towanda, Kan., has 40 Shorthorn cattle for sale, mostly cows and heifers. They are better than the usual private sale offering of this size, carry four or five Scotch top crosses, and those of suitable age are bred to good bulls. Mr. Torrey also has a few young bulls from the last calf crop to sell. Low prices on all these cattle will be quoted to early buyers and investigation will prove the values good to the man in position to handle a carload or the one wanting only a few head. Mention Farmers Mail and Breeze when you write or see Mr. Torrey.—Advertisement.

### N. Kan. and S. Neb. and Iowa

BY JOHN W. JOHNSON.

Nine Hereford bulls, registered, well marked, dark reds, are for sale by A. M. Pitney, Bellevue, Kan. Mention Farmers Mail and Breeze when writing him.—Advertisement.

H. H. Churchill's Shorthorn sale at Osage City, Kan., Nov. 22, was a success. Twenty-one cows in ordinary condition averaged \$170. The top cow sold for \$410 to Oscar Webber, Tecumseh, Kan. Thirteen spring calves sold for an average of \$90. An April calf sold for \$155 to Hannah Olson, Scranton, Kan. It was a very satisfactory sale to Mr. Churchill, who had to reduce his herd because of the scarcity of feed in that locality.—Advertisement.

**Remember This Sale.**  
John W. Jones, Minneapolis, Kan., who will hold his bred sow sale in Salina, Kan., Feb. 19 to better accommodate breeders because of the better railroad facilities and hotels, is having splendid luck with his sale offering. He has 36 sows bred and 28 of them safely passed over for early March litters. If you are going to show next season you better keep this sale in mind as the breeding and individuality can't be beat. The sale will be advertised in the Farmers Mail and Breeze later.—Advertisement.

**Hayman's Coming Sale.**  
H. T. Hayman, Formosa, Kan., Jewell county sells 45 Poland China bred gilts at that place, January 14. They are daughters and granddaughters of the most popular sires and will be bred to three splendid boars. The gilts are all well grown and of real brood sow quality. They have been selected from a big crop of spring pigs and have been grown carefully and will be sold in the best of breeding form. The sale will be advertised right away in the Farmers Mail and Breeze. You can ask him to book you for the catalog now and you will receive it as soon as it is ready to mail.—Advertisement.

**Shorthorns at Holton, Kan.**  
This is the last call for the big Shorthorn sale at Holton, Kan., Thursday, December 19. The sale will be held in town in comfortable quarters and the evening before the sale which is the evening of the 18th the Jackson County Breeders Association will tender a banquet to the visitors and a nice program is being prepared. Fifty head will be sold, 40 females and 10 young bulls. D. L. Dawdy, Arrington, Kan., and Ed. Stegell are the principal contributors. The sale

## LIVESTOCK AUCTIONEERS.

**JOHN SNYDER, HUTCHINSON, KANSAS.** Livestock Auctioneer. Experienced all breeds. Wire, my expense.

**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: Mott & Brown, Fieldmen and breeders for whom I have sold.

**HOMER T. RULE, OTTAWA, KANSAS**

### COL. E. WALTERS, SKEDEE, OKLA.

Sold 1400 head of cattle for \$32,889 in 3 hrs. Also sold \$8,000,000 worth of oil leases for government in one day. No sale too large. Instructor in Missouri Auction school.

**W. B. Carpenter, Hall Bldg., Kansas City, Mo.**

23 years on the block. 13 years president of Missouri Auction school, the largest in the world.

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

### HORSES.

**THREE PERCHERON STALLION** weanlings for sale. Casino breeding.  
Percy E. Lill, Mt. Hope, Kansas.

**FOR SALE OR TRADE FOR CATTLE**, registered, quality Percherons, stallions, mares and colts. Chas. Rezean, Cullison, Kansas.

## Percheron Stallions

A nice lot of good young stallions, sired by Algarve, a 2300 pound sire, and by Brisset, 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.

**Get Them While You Can**

Draft Stallions and Mares Imported and Home-bred.

## Belgians, Percherons, Shires

Coming 2, 3, 4 and 5-year-olds and a few aged stallions, including our champions and prize winners. They have extra bone, weight, quality and breeding. No better lot ever assembled in one barn. Come and see them. Our prices, terms and guarantee will suit you.

**WOODS BROS. COMPANY, LINCOLN, NEB.**  
Barns Opposite State Farm. A. P. COON, Mgr.

### JACKS AND JENNETS.

**WANTED GOOD YOUNG JACKS.** Description and price GEO. S. LEWIS, DIGHTON, KANSAS

### SHEEP.

**Registered Shropshire Yearling Ewes** bred to high quality imported sires. Also yearling rams. Prices reasonable. E. S. LEONARD, Corning, Ia.

## We Have For Sale 70 Head

of extra high grade Shrop yearling ewes for sale bred to registered Shrop rams, to commence lambing the 25th of January; also yearling and ram lambs. Come and see them if you want good ones.

**J. R. Turner & Son, Harveyville, Kansas**



## FOR SALE

A bunch of good big registered Shropshire bucks not high in price. Also registered ewes.  
**Howard Chandler, Charlton, Iowa**

## BREEDING EWES FOR SALE

300 good western ewes bred to lamb in March and April to Shropshire rams. Over half are yearlings. Must sell at once to make room for my feeding lambs. Will sell in lots of 50 or more. **A. L. Stockwell, Larned, Kansas.**

**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**

## WIRE FOR DUROC BOAR

Wire at once at my expense for Duroc boar to be shipped before you pay for him. We guarantee pedigree, price, size, bone, length, immunity and a breeder. Send him back if not satisfied. You can't afford to wait.

**F. C. Crocker, Box B, Filley, Nebraska**





## DUROC JERSEY HOGS.

DUROC BOARS and gilts of extra good blood, weight about 175 pounds. Address Fay E. Smith, Alton, Kansas.

DUROC JERSEY May and June gilts for sale now, prices and description by return mail. MAURICE M. CASEY DORRANCE, KAN.

**CHOICE IMMUNED DUROC-JERSEY** boars for service. FRANK HAYNES, Grantville, Kan.

**Duroc-Jersey Boars and Gilts** with up to date breeding. We can furnish pairs and trios not related. E. T. & W. J. GARRETT, Steele City, Neb.

**Duroc-Jersey Boars** of March, April, and May farrow, priced to sell. Come or write. JOHN A. CURRY, Elmont, Kansas.

**HARRISON'S DUROC JERSEYS** September and March boars from champion boars and sows. W. J. Harrison, Axtell, Kan.

**McComas' Durocs** Big roomy herd sows, daughters and granddaughters of 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

**CHOICE SPRING BOARS** I have a few good ones for sale. Keep in mind my Bred Sow Sale, January 23, Sabetha, Kansas. F. J. MOSER, GOFF, KANSAS

**Bancroft's Durocs** Choice 175 to 200 pound March boars \$45 each, guaranteed immuned. Choice September pigs, pairs and trios not related. Weaned November 8. Price \$20 each. Express prepaid. D. O. BANCROFT, OSBORNE, KAN.

**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.

**SHEPHERD'S DUROCS** FORTY BIG TYPE DUROCS, 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

**TRUMBO'S DUROCS** 30 boars, big husky fellows, sired by Constructor and Constructor Jr., 1st prize boar Hutchinson State Fair. All double immuned. Satisfaction guaranteed. Priced to move quickly. W. W. TRUMBO, PEABODY, KAN.

**Good Duroc Boars from \$40 to \$60** sired by a corking good son of King The Col., king of the breed and out of grand daughters of Chief's Model B. & C. Col., Graduate Col., and others. Also one good fall yearling by Graduate Col. All immuned. MIKE SEIWALD, EUDORA, KANSAS.

**Otey's Duroc-Jerseys** Thirty head of big, rugged early spring boars priced at 25% reduction for immediate sale. These are good and must go soon. Write, wire or come. W. W. OTEY & SON, WINFIELD, KANSAS

**40 Duroc-Jersey Boars** Cholera immuned and of rare breeding and excellent individuality. Grandsons of the two grand champion boars of Iowa. None better. Special prices to close them out. W. R. HUSTON, Americus, Kan., Lyon County.

**Duroc Gilts, Bred Or Open** Combining the most up to date breeding. Remember I sold the highest priced gilt sold in Kansas in 1918. In the Breeders' Combination sale at Clay Center, Kan., for \$270.00. Will breed these gilts to Big Pathfinder. Satisfaction guaranteed. G. F. KEESECKER, WASHINGTON, KAN.

**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 Illustrators 2nd, and Golden Model. Fine growthy boars, well built and nice color. All immuned. Priced to sell quickly. JOHN A. REED & SONS, LYONS, KANSAS

**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.

**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

**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., Illustrators II, Pathfinder Enuff. 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, KAN.

will be conducted by Carey M. Jones of Chicago. Mr. D. L. Dawdy has the sale in charge and you can phone or wire him for a catalog and receive it by return mail. But go and you will be pleased with yourself for doing so.—Advertisement.

## Last Call B. M. Lyne's Sale.

B. M. Lyne's big annual Shorthorn and Poland China sale to be held in Abilene, Kan., is next Thursday, December 19. Some choice young bulls will be sold and included with them is Mr. Lyne's splendid breeding bull, Violet's Search 3rd that he can't use any longer is selling for no fault whatever. He is a straight Scotch bull sired by old Searchlight, and is in his prime as a breeder. There will be choice cows and heifers and the Poland Chinas consist of some tried sows, some fall gilts and spring gilts and a number of good spring boars. This is the regular annual sale that Mr. Lyne holds at Abilene every December. If you want to buy Shorthorns or Poland Chinas you want to be at this sale.—Advertisement.

## Duroc Jersey Breeders Association Sale.

The Kansas Duroc Jersey breeders association at the semi-annual sale at Topeka in September decided to hold a bred sow sale at Manhattan, Kan., at the college sale pavilion February 7 which is the farmers week at the college. Roy Gwin, Morrowville, Kan., was decided on as the sales manager and he is anxious to hear from every breeder who is consigning to the sale. A number promised to consign at the association meeting when it was decided to hold the sale and their places are being held by Mr. Gwin for two head each. He still needs a few more to fill out the sale and you should write sure today if you want to sell two good gilts or sows in this sale. It will be the big Duroc Jersey event of the season and the annual meeting will be held at the same time. Every breeder in Kansas should be there. Robt. J. Evans, editor of the Duroc Bulletin will be there and make a speech. Secretary Pfander of the National record association will also be present. Get your request to sell a couple of good ones to Roy Gwin, Morrowville, Kan., at once. First to come first served.—Advertisement.

## Humes Makes a Good Sale

L. L. Humes's big Duroc Jersey sale at Glen Elder, Kan., last Thursday was well attended by breeders from all over northern Kansas. Fifty gilts were sold and a few tried sows. There was a good demand for those that were bred indicating that 1919 spring litters are very desirable. It was really a very good sale considering the conditions as they are in Mitchell county in regard to feed at the present time. Almost everything went away from Mitchell county. The first 20 head averaged \$74.50. The 50 gilts averaged \$56.90. Thirteen spring boars averaged \$39.15. The 43 head sold for \$3,608.50. The top was \$202.50 paid by C. H. Black of Marion, Kan., for number 32, a very fine two-year-old sow. High Orion Cherry King, the great breeding boar at the head of Mr. Humes's herd was certainly an attraction and it was very evident that breeders desired sows and gilts bred to him. Gwin Bros., Washington, Kan., were heavy buyers of the best things in the sale. Glen Keesecker, Washington, bought two. D. O. Bancroft, Osborne, Kan.; R. E. Kempin and W. Hilbert, both of Corning, Kan.; Fred Layton, Jamestown, Kan.; D. J. Ryan, Centerville, Kan.; Ed Vernon, Simpson, Kan., and C. H. Black of Marion, were the principal buyers. It was a good sale and an encouraging one to breeders who are holding bred sow sales later on in the winter and spring.—Advertisement.

## The Linwood Holstein Sale.

The big two days sale of registered Holsteins at Linwood, Kan., Leavenworth county, Friday and Saturday, November 29-30, was very much of a success. The first day was devoted to selling 40 heifer calves, the property of the members of the Linwood Boys' and Girls' pure bred Holstein heifer club. This successful club was promoted by W. R. Taylor, manager of the Kaw Valley Electric lines and was largely under the direction of Mr. I. N. Chapman, county agent of Leavenworth county. In March, 1918 a local committee and Mr. Chapman went to Manhattan where they selected from the big A. S. Neale herd of registered cattle the 40 heifer calves that were then around six months old. The purchase price was \$110 and in the sale the average for these same heifers was \$216 and they were about nine months older. The top was \$400 for a choice heifer. Of the 40 heifers sold 34 remained in Leavenworth county. In accordance with the original plan they were judged before the sale started and premiums were awarded. The second day A. S. Neale, Manhattan, Ellis & Beck, Omro, Wis., and the United States Disciplinary Barracks sold some very choice cows and heifers and a few young bulls at very good prices.—Advertisement.

## Wm. Wales &amp; Young Shorthorns.

In this issue of the Farmers Mail and Breeze will be found the advertisement of Wm. Wales & Young, Osborne, Kan., who are well known breeders of Shorthorns. Wm. Wales will be remembered by almost everyone who has been interested in Shorthorn affairs in Kansas during the last 25 years at least. Mr. Spencer Young, who is Mr. Wales's son-in-law and who is associated with him in the business will be remembered as a Shorthorn breeder at Glasco, Kan., for a number of years before he became associated with Mr. Wales in the business. The herd is not a large one but it is cheerfully admitted among Shorthorn breeders everywhere to be one of the very best herds in the country. A remarkable thing about the herd is the fact that the herd bulls have been purchased from the well known Thompson Bros. herds at Dover and Wakarusa, Kan., for over 25 years. Their present herd bull Auburn Dale was bred by Thompsons and is a splendid individual and bred right. The young bulls they are offering are by him and are a splendid lot. They are also offering a few nice heifers sired by Village Knight, a bull formerly in service in the herd. They also offer a pair of young cows with calves at foot and bred back that would make a splendid foundation for some beginner who wanted to start exactly right in the Shorthorn business. Remember this is a mighty good place to buy if you are looking for the best in breeding and good individuals. Look up their advertisement in this issue in the Shorthorn section.—Advertisement.

## Blank Bros. &amp; Kleen Last Call.

An event we call your special attention to is the Shorthorn cattle sale to be held in Cambridge, December 19, by the above named firm. We can say that these gentlemen will sell a high class lot of cattle and it should be in the minds of every breeder, beginner, stockman and cattleman to attend this sale. The aim of Blank Bros. & Kleen

## DUROC JERSEY HOGS.

**DUROC BOARS—FARMER'S PRICES** Immunized Spring Boars, best of blood lines, rugged fellows, some good enough to head good herds, but all go at farmer prices. At the price asked they will not last long. Write today. G. B. WOODDELL, WINFIELD, KANSAS.

## ROYAL HERD Farm Durocs

BOARS sired by ROYAL GRAND WONDER, ROYAL PATHFINDER and HIGH ORION. If you want the good kind, I have them. Write or come now. B. R. Anderson, McPherson, Kansas

## MULEFOOT HOGS.

**BIG TYPE MULEFOOT** spring boars, bred sows and pigs at weaning time. Farmers' prices. SINN'S MULEFOOT RANCH, ALEXANDRIA, NEBRASKA

## CHESTER WHITE OR O. I. C. HOGS.

**O. I. C. PIGS.** September farrow. Ready to ship. E. S. Robertson, Republic, Missouri.

**Chester Whites** 15 good gilts and a few boars for sale. E. E. Smiley, Perth, Kan.

**30 O. I. C. Sow Pigs** Big smooth kind. Harry W. Haynes, Grantville, Kan.

**REGISTERED CHESTER WHITE PIGS** both sex for sale. S. L. Landis, Osawatomie, Kansas.

**O. I. C. Pigs For Sale** 3 months old. Prices right. W. B. WRIGHTMAN, MADISON, KANSAS.

**F. C. Cookin, Russell, Kan.** is in the draft and must dispose of his Chester Whites. Herd sows, herd boars, spring pigs, both sexes. Address as above.

**CHESTER WHITES** Summer and fall pigs. A. G. COOK, WALDO, KANSAS

**Registered O. I. C.** Eighteen months old boar and a nice lot of spring boars and gilts, for quick sale, all cholera immuned. Address, JACOB FISHER, GOFF, KANSAS.

**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

**KANSAS HERD OF CHESTER WHITE SWINE** Fall boar pigs and a few spring boars left. Bred sow sale February 11th. Arthur Mosse, Route 5, Leavenworth, Kan.

**Chester White Boar For Sale** As I cannot use my boar, Ben Again, after this season will sell him. Raised by Henry Murr and sired by his Don Ben 2nd. A lengthy and well proportioned hog with a good record and just the age to do good service. Write or come see him. P. B. FUNDIS, Leroy, Kansas

**POLAND CHINA HOGS.** SPOTTED POLANDS for sale, with blood lines running back to famous herds. Spring boars and fall pigs. FAIRER & MILLER, ROSSVILLE, KANSAS

**FULL BLOOD Spotted Poland China boars** and gilts, ready for service, prices right. F. B. Serverance, Lost Springs, Kansas.

**Boars For Sale From Sunnyridge Herd** sired by Big Bobby Wonder 78405 and Blue Valley Timm Jr. 85662, out of big smooth sows. Priced to move them. W. A. PREWETT, Asherville, Kansas

**Old Original Spotted Poland** Four yearling tried sows and one male, price \$75 each. September pigs \$15 each, well spotted. Claude Hamilton, Garnett, Kansas.

**Good Boars for Late Buyers** Big type Poland of best breeding. Mostly spring farrow. Some tops among them. Bred gilts ready soon. Andrew Kosar, Delphos, Kan.

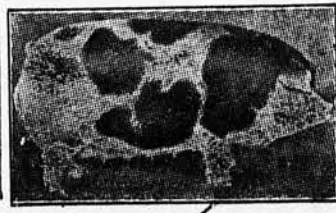
**Poland China Private Sale** Spring boars and gilts; also registered tried sows. All pigs pedigreed and priced to sell. Write or see Aug. J. Cerveny, Ada, Kansas.

**Old Original Spotted Poland** Stock of all ages. Bred sows and gilts. Satisfaction guaranteed. Write your wants to the CEDAR ROW STOCK FARM A. S. Alexander, Prop., Burlington, Kansas

**BIG TYPE POLAND CHINAS.** CAPTAIN BOB, by Caldwell's Big Bob, assisted by Wonder King, by A Wonderful King at head of herd. Choice spring boars, priced reasonable. All immuned. Frank L. Downie, R. 4, Hutchinson, Kansas

**Hunter's Large Type Poland** 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 immuned. Write today. BRUCE HUNTER, LYONS, KANSAS.

**BIG TYPE POLANDS** For sale, a few big gilts, either bred or open, sired by Jumbo Timm and Col. Bob; also a few boars of same litters. Also an extra fine March yearling sired by Jumbo Timm. SULLIVAN BROS., MORAN, KAN.



## POLAND CHINA

**WEANLING PIGS \$20.00** Delivered to your station. **SPRING PIGS \$40.00** 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.

**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

**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 immuned. A. J. ERHART & SONS, NESS CITY, KAN.

**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

**Big Type Poland Chinas** Poland China boars, also a few sows and gilts, 35 spring boars, 4 fall boars, most of them sired by Rist's Long Model, first prize senior yearling boar, Nebraska State Fair 1918. Some herd boar prospects here. Owing to the influenza our sale of October 31 could not be held. We are going to move this great offering at sacrifice prices, at private sale. Write for my catalog which gives full description of each animal. Plainview Hog and Seed Farm Frank J. Rist, Prop. Humboldt, Nebraska

**NORTON COUNTY POLANDS** I have 40 spring boars and gilts sired by splendid big type boars and out of big prolific sows. Iowa and Nebraska type. They are good. Write for descriptions and prices. John F. Foley, Oronoque, Kansas.

**Big Price Reduction on Poland China Boars** 40 big, stretchy, big boned Poland China boars, priced \$50 to \$75. All immuned, with best of big type breeding. Order from this ad. We will select to suit you. We ship on approval, or C.O.D. We refund your money and pay return express charges, if not satisfactory. Fall boar pigs \$25 each. On two spring yearlings, one fall yearling and 3 topy herd boar prospects write for information. G. A. Wiebe & Son, R. 4, Box M, Beatrice, Neb.

**POLAND CHINA BOARS** The get of these great sires: Our Big Knox, Blue Valley Timm, Walter's Jumbo Timm, and Gathsdale Jones. Gilts reserved for our bred sow sale. Willis & Blough, Emporia, 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.

**BOARS ON APPROVAL** Sired by Giant Bob and Wonder Timm. Big splendid fellows that we must dispose of. Recorded in your name and they are real herd header material and priced below their value to move them quick.

Note: We are booking orders for September pigs, either sex, that will be immune and ready to ship about Dec. 15. Bargain prices in pairs and trios.

All immunized.

**ADAMS & MASON, Gypsum, Kan.** (Saline county)

**Old Original, Big-Boned SPOTTED POLANDS** The kind our forefathers raised. Bred sows, and fall pigs for sale NOW. Write AT ONCE. EVERMAN STOCK & POULTRY FARM, Rt. 5, Gallatin, Mo.



**POLAND CHINA HOGS.**  
**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.**

**POLAND CHINA BOAR OFFER**  
 To move my choice boars in a few weeks I will make very reasonable prices. Only good ones offered. Sired by A. Wonder 2nd, 2082351 and out of large sows.  
**O. H. FITZIMMONS, WILSEY, KANSAS.**

**Budweiser Spotted Polands**  
 Extra quality boars and gilts ready for breeding purposes. By Oak Hill Lad by Kans. Chief and from sows by Longford Chief by Panoramas Son by Budweiser (34644). Priced to sell.  
**A. J. BLAKE, OAK HILL, KANSAS**

**HAMPSHIRE HOGS.**  
**MESSINGER BOY BREED**  
 Service boars. Spring boars and gilts. Weanling pigs. F. T. Howell, Frankfort, Kansas.

**PURE BRED HAMPSHIRE**  
 Thrifty March boars, \$50 each.  
**F. B. MORLAN, R. R. 1, COURTLAND, KAN.**

**Scudder Bros. Hampshires**  
 Nicely belted, easy keeping, quick maturing, the kind that farrow and raise large litters. Natural rustlers and the healthiest breed of hogs in the world. Fashionable breeding. Cholera immune. Write.  
**SCUDDER BROS., DONIPHAN, NEBRASKA**

**Hampshires On Approval**  
 Won highest honors at Kansas state fairs, 1918. For sale: Boars and gilts weighing 225. Gilts open or bred to a champion. Fall pigs, either sex, in pairs and trios. I ship on approval.  
**F. B. WEMPE, FRANKFORT, KANSAS**

**SBAW'S HAMPSHIRE**  
 Six strong yearling boars, grand sons of Messenger Boy, ready for hard service. Satisfaction guaranteed. All immune. Write.  
**Walter Shaw, R. 6, Phone 3018, Derby, Kansas, Wichita, Kansas.**

**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., ASSARUA, KANSAS**  
 12 miles south of Salina.

**HEREFORD CATTLE.**  
**Ocean Wave Ranch** Nine registered Hereford bulls for sale; well marked, dark red, Anxiety 4th breeding.  
**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, Dominator, a son of Domino. Also some Percheron stallions from weanlings to 2-year-olds, black and greys.  
**Mora E. Gideon, Emmett, Kansas**

**POLLED DURHAM CATTLE.**  
 Double Standard Polled Durhams young bulls of Scotch breeding for sale.  
 Herd headed by Forest Sultan. C. M. HOWARD, HAMMOND, KAN.

**FOR SALE** Another good wheat and stock farm. Write for description. Also 35 head 2-yr-old red Durhams, milk strain heifers.  
**A. C. BAILEY, KINSLEY, KANSAS.**

**POLLED DURHAMS**  
 (Hornless Shorthorns)



25 BULLS \$100 TO \$500  
 Roans and reds. Halter broke. Roan Orange, weight 2500 lbs. in flesh, and 3 other choice bulls in service. We crate, deliver at Pratt, furnish both certificates and transfers, meet trains and return free. Phone at our expense.  
**J. C. BANBURY & SONS, PRATTE, KANSAS**

**AYRSHIRE CATTLE**  
**HIGH BRED AYRSHIRE BULL**  
 One year old, from good blood lines. Price \$100.  
**Wm. E. Fahlner, Mendota, Illinois.**

**ABERDEEN ANGUS CATTLE.**  
**EDGEWOOD FARM ANGUS CATTLE** for sale. 50 cows, 15 bulls.  
**D. J. White, Clements, Kansas.**

**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**  
 C. H. Sparks, Sharon Springs, Kansas, can furnish my bulls for northwest Kansas.  
**Johnson Workman, Russell, Kan.**

is to produce a better lot of cattle each year and they have succeeded and in this sale there are cattle as good as you will find in any sale. The number they are selling are 70 head—15 strong herd-heading bulls and 55 real cows with calves at foot and heifers bred to one of their herd bulls. These gentlemen want to call your attention to the fact that they are selling bulls of herd heading caliber. Commander, a June yearling by Ringmaster's Heir, out of a dam by His Highness, of the Crutcherhank Secret family; this roan calf should head some herd where his value can be appreciated. Villager Star, by Village Knight, out of one of the best breeding cows of the breed, by the great Imp. Strowan Star, of the Butterfly family; he was calved last March and is about as good a calf as the writer has seen for his age. Sultan's Monark 2nd, by Misses Sultan, carries the blood of the best sires of Scotland and America and will please some breeders wanting an intensely bred Sultan bull. There are many other real prospects for herd headers too numerous to mention. The females are Blank Bros. & Kleen's strongest lot and those of breeding age will have calves at foot or bred to one of their great herd bulls. Bridgeman, by Victor's Roan Duke, of the Linwood Lavender family, that needs no introduction to the breeders of this country, heads the tops for them and is yet in his prime; the blood of this sire will add prestige to any herd in the breeding business. Village Knight, by Village Sultan, out of a Snowflake dam, was used in the herd two years and Blank Bros. & Kleen think, and his calves will show, that he is a real breeding bull. The third bull they obtained is Golden King, by Cumberland Marshall, out of a Fair Goods dam; 2nd dam by Young Abbotshorn; he carries the blood of the greatest sires in this country and with his individuality will make Shorthorn history. The females are of the good families, as the Strawberries, Butterflies, Marr Maud Loves, Mayflowers, Victorias and many other noted ones. These gentlemen want every breeder, beginner and lover of good Shorthorn cattle to be their guest sale day. Stop your work for this day; come to Cambridge December 19 and get in the Shorthorn cattle business. The cattle can go anywhere in the country and with the breeding they carry will be a good investment at any price.—Advertisement.

**Nebraska and Iowa**  
 BY JESSE R. JOHNSON

**Wiebe's Polands Reduction Sale.**  
 G. A. Wiebe one of the largest producers of big type Polands in the state of Nebraska has about forty extra big stretchy heavy boned fellows for sale. Mr. Wiebe writes that he is keeping over a big lot of gilts to breed for the winter trade and that he needs the room and for this reason has reduced the prices on boars and will sell them from now on at prices ranging from \$50 to \$75. They are all immune and suitable for hard service and many of them fit to head any herd. He also has fall yearlings and fall pigs. His plans are to ship everything C. O. D. on approval. Mr. Wiebe has just bought an extra choice fall yearling boar sired by the great boar Big Timm at a cost of over \$600. He has also added to the sow herd a daughter of the \$6,600 boar Gertsdale Jones. Here is a good place to buy.—Advertisement.

### 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 in advance of 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 \$2.24 @ \$2.27; No. 2 dark hard, sales \$2.23 @ \$2.25; No. 3 dark hard, sales \$2.20, smutty \$2.17; No. 4 dark hard, sales \$2.16; No. 5 dark hard, sales \$2.10 @ \$2.11.  
 No. 1 hard, nominally \$2.23 @ \$2.25; No. 2 hard, sales \$2.22 @ \$2.24; No. 3 hard, sales \$2.18; No. 4 hard, sales \$2.12 @ \$2.13; No. 5 hard, sales \$2.07; heavy test \$2.19.  
 No. 1 red, nominally \$2.21 @ \$2.22; No. 2 red, sales \$2.19; No. 3 red, nominally \$2.13 @ \$2.15.  
 Corn—No. 2 mixed, nominally \$1.51 @ \$1.52; No. 3 mixed, nominally \$1.48 @ \$1.50; sales \$1.50; No. 4 mixed, nominally \$1.45 @ \$1.47, sales \$1.44 @ \$1.46; No. 5 mixed, sales \$1.46.  
 No. 2 white, nominally \$1.52 @ \$1.54; No. 3 white, nominally \$1.50 @ \$1.52; No. 4 white, nominally \$1.48 @ \$1.50, sales \$1.50.  
 No. 2 yellow, nominally \$1.51 @ \$1.53; No. 3 yellow, nominally \$1.49 @ \$1.50; No. 4 yellow, nominally \$1.46 @ \$1.47, sales \$1.47; No. 5 yellow, sales \$1.45; ear corn, sales \$1.49 @ \$1.50.  
 Oats—No. 2 white, nominally 72¢ @ 73¢; No. 3 white, nominally 72¢; No. 4 white, nominally 71½¢.  
 No. 2 mixed, nominally 71½¢ @ 72¢; No. 3 mixed, nominally 71¢ @ 71½¢; sales 71½¢.  
 No. 2 red, nominally 73¢ @ 75¢, sales 74¢; No. 3 red, nominally 72¢ @ 73¢.  
 Kafir and Milo—No. 2, nominally \$2.50 @ \$2.55; No. 3, nominally \$2.50 @ \$2.53.  
 Rye—No. 2, nominally \$1.52.  
 Barley—No. 4, nominally \$1.02 @ \$1.04.  
 Bran—Nominally, sacked, \$1.32 @ \$1.34.  
 Shorts—Nominally, sacked, \$1.41 @ \$1.44.  
 Mixed Feed—Nominally, sacked, \$1.39 @ \$1.41.  
 Corn Chop—Nominally, sacked, \$2.90 @ \$3.05.  
 Hogs—Bulk, \$17.15 @ \$17.60; heavy, \$17.00 @ \$17.70; packers and butchers, \$17.25 @ \$17.70; lights, \$17.00 @ \$17.55; pigs, \$12.50 @ \$14.50.  
 Cattle—Prime fed steers, \$18.00 @ \$20.00; dressed beef steers, \$13.00 @ \$18.00; western steers, \$11.00 @ \$16.00; southern steers, \$8.00 @ \$12.00; cows, \$5.25 @ \$12.50; heifers, \$7.00 @ \$13.50; stockers and feeders, \$6.50 @ \$13.50; bulls, \$6.50 @ \$9.00; calves, \$6.00 @ \$13.50.  
 Sheep—Lambs, \$12.00 @ \$15.50; yearlings, \$10.00 @ \$12.00; wethers, \$9.00 @ \$10.50; ewes, \$8.00 @ \$9.25; stockers and feeders, \$6.00 @ \$17.50.  
 Hay—Alfalfa, choice, \$32.00 @ \$33.00; No. 1, \$31.00 @ \$31.50; standard, \$27.00 @ \$30.50; No. 2, \$22.50 @ \$26.50; No. 3, \$15.00 @ \$22.00.  
 Prairie, choice, \$28.00 @ \$29.00; No. 1, \$26.50 @ \$27.50; No. 2, \$22.00 @ \$26.00; No. 1, \$11.00 @ \$21.50.  
 Midland prairie, No. 1, \$20.50 @ \$22.00; No. 2, \$11.00 @ \$20.00. Lowland prairie, No. 1, \$16.00 @ \$18.00; No. 2, \$6.00 @ \$15.00; standard, Timothy, No. 1, \$27.50 @ \$28.00; No. 2, \$23.50 @ \$25.50; No. 3, \$16.00 @ \$23.00.  
 Clover—mixed light, \$26.50 @ \$27.50; No. 1, \$24.50 @ \$26.00; No. 2, \$16.00 @ \$23.50. Clover, No. 1, \$26.00 @ \$27.00; No. 2, \$15.00 @ \$25.50.  
 Packing hay, \$6.00 @ \$10.00. Straw, \$10.50 @ \$11.00.

Don't blame the milking machine. Perhaps you do not know how to keep it in good working order.

**RED POLLED CATTLE.**  
**Foster's Red Polled Cattle** 15 Young Bulls. 15 Bred Cows and Heifers. Priced Right. C. E. Foster, Eldorado, Kan.

**LARGE DEEP-FLESHED RED POLLS**  
 We now offer a few bulls from our big milk cows.  
**CHAS. L. JARBOE, QUINTER, KANSAS**

**Pleasant View Stock Farm**  
 Registered Red Polled cattle. For sale: a few choice yearling bulls, cows and heifers. **MALLOREN & GAMBRIEL, OTTAWA, KANSAS.**

**High-Grade Red Polls**  
 10 cows, 3 to 6 years old, \$100 e.c.h. 1 reg. yearling bull, \$150. 5 coming yearling bulls, \$75.  
**Andrew Deel, Cawker City, Kansas.**

**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.**

**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)**

**JERSEY CATTLE.**  
**The JERSEY**  
 THE Jersey has ever been noted as the profit breed. But these days of high-priced feed are making her even more famous. You must look into this Jersey matter. It will show you the difference between keeping a cow and having the cow keep you. Ask breeders for prices and pedigrees. Write us for important Jersey facts, free.  
**The American Jersey Cattle Club**  
 35 West 23rd St., New York City

**FOR SALE:** Four Jersey male calves one to 12 months. Price reasonable.  
**Mrs. L. C. French, Marion, Kansas.**

**Jerseys For Sale**  
 20 registered Jersey cows and heifers, some fresh, some springing.  
**GEO. E. HINEMAN, DIGHTON, KANSAS.**

**Hillcroft Farms Offers a Splendid**  
 bull calf dropped October 15, sired by Queen's Fairy Boy, by Raleigh's Fairy Boy, an undefeated champion; dam Highest Viola, imported by Bagatelle's Ltd. First check for \$100. Write for pedigree.  
**M. L. GOLLADAY, PROPR., HOLDEN, MISSOURI.**

**A Few Good Guernsey and Jersey**  
 Milk Cows for sale—some heifers from 6 weeks to coming two-year-olds. One extra good registered Guernsey bull two years old and one high grade Guernsey bull calf. For particulars write  
**DR. E. G. L. HARBOUR, Box 113, Lawrence, Kan.**

**HOLSTEIN CATTLE.**  
**HOLSTEINS**  
 We have a limited number of well marked calves, both male and females, and that we offer at \$20 each for females and \$10 each for males. These calves are from high grade heavy milking Holstein cows that we use in our dairy and from purebred and registered Holstein bulls. Send us your check to cover payment of the number you wish and we will crate and deliver calves to Express Co. We guarantee satisfaction and safe delivery.  
**BLANKINSHIP & BLANKINSHIP**  
 ROSALIA, KAN.

## "Right Now" Holstein Bargains

**BULLS, COWS NEAR CALVING, REGISTERED HEIFERS; 200 HEAD.**  
 The 20 bulls include a yearling son of the grand champion at the recent dairy show, and a first prize winner himself at last Kansas State Fair; price \$250. Would also sell old herd bull (he has a 23-pound dam) at a low price. These are real bull values. Some extra good young springing cows priced to sell. 100 good yearling heifers bred to freshen this spring that I want to sell. Bred to registered bulls. 95 registered cows and heifers for sale. 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.

## Stubbs Farm Offers:

Two splendid sons of that great transmitting sire, Gem Pieterje Paul DeKol 3rd.  
 No. 1. Born Feb. 4, 1918. Mostly white in color, a splendid individual and a good big, growthy calf. His dam, Verona Pontiac Julianna Julia, has a record of 20 pounds butter at age of 3 years. His sire, Gem Pieterje Paul DeKol 3rd, is only bull in Kansas with a 30 pound daughter. He also has two 29 pound daughters and 4 with year records above 750 pounds butter. Price of calf \$300 F. O. B. Mulvane.  
 No. 2. Born Jan. 14, 1918. One-half white, splendid individual, big, growthy calf. His dam, Juliana Bess, has never been tested but will be this winter. She has one A. R. O. daughter in our herd, a full sister to this bull. His sire is same as No. 1. Price of calf \$200 F. O. B. Mulvane. Both guaranteed free from tuberculosis and right in every way.

**Stubbs Farm, Mulvane, Kansas**

**GALLOWAY CATTLE.**  
**FASHION PLATE HERD**  
 Registered Galloway cattle. Bulls for sale. Address, **V. R. Blush, Silver Lake, Kansas.**

**BROWN SWISS CATTLE.**  
**ALPINE FARM DAIRY**  
**BROWN SWISS BULL**  
 calves from good producing dams at reasonable prices. Write for particulars.  
**Dahlem & Schmidt, R. 2, El Dorado, 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.**

**GUERNSEY CATTLE.**  
 For Sale—Registered Guernseys—Bull calves and a few cows and heifers.  
**R. C. Krueger, Burlington, Kansas.**

**GUERNSEYS**  
 War time prices. Several young bull calves, May Rose breeding. One serviceable aged bull.  
**OVERLAND GUERNSEY FARM**  
 Overland Park, Kansas.

**HOLSTEIN CATTLE.**  
**HAVING SOLD MY FARM,** I will sell my entire herd of extra high grade Holstein cows.  
**V. E. CONWELL, WETMORE, KANSAS**

**Young Registered Holstein** Bulls with good A. R. O. back-logs. H. N. Haldeman, Meade, Kansas

**Registered Holstein Bulls**  
 from baby calves to yearlings. **G. E. Berry, Garnett, Kan.**

**A. R. O. BULLS**  
 for sale, some ready for service. Satisfaction guaranteed. **Ben Schneider, Nortonville, Kan.**

**CHOICE HIGHLY-BRED HOLSTEIN**  
 Calves; 12 heifers and 3 bulls, 6 to 8 weeks old, nicely marked, from heavy producing dams, \$25 each. Safe delivery guaranteed. **Fernwood Farms, Wauwatosa, Wis.**

**For Holstein Calves**  
 Write **W. C. KENYON & SONS, Box 61, Elgin, Illinois**

**Valley Breeze Farm**  
 Registered cows and bulls—cost more—worth more. **Orin R. Bales, R. 4, Lawrence, Kansas.**

**BRAEBURN HOLSTEINS**  
 Service bulls. Their heifers will outyield the dams 10-50%. Surplus females sold.  
**H. B. COWLES, 608 Kan. Ave., Topeka, Kan.**

**DO YOU WANT**  
 104 pounds milk per day in the pedigree of your herd sire? We are offering some splendid calves with that kind of backing. For full description and prices write **A. B. WILCOX & SON, R. 7, TOPEKA, KANSAS**

**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, Mo.**

**SUNFLOWER HERD**  
 Headquarters for herd bulls, hand picked and no culls. Several ready for service. Big, fine individuals with lots of breeding. Visit my herd and make your selection, or write for full particulars. Also young bull calves of the very best producing blood lines.  
**COME TO LAWRENCE**  
 for your herd sire.  
**F. J. SEARLE, LAWRENCE, KAN.**



HOLSTEIN CATTLE

**Bonnie Brae Holsteins**

Grand sons of King Segis Pontiac, from high producing dams, old enough for service.  
IRA ROMIG, STA. B, TOPEKA, KANSAS.

**HIGH-GRADE HOLSTEINS**

Heavy springing, 3-year-old heifers, will freshen within 30 days; also some January springers and a few fresh cows priced to sell. W. F. Perdue, Carleton, Kan.

**Holstein Bulls Registered**

Some out of A. R. O. dams, some sired by Sir Rag Apple Superba No. 207682.  
LILAC DAIRY FARM, E. 2, Topeka, Kan.

**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.

**A. R. O. Holstein Bulls**

Sired by the great King Korndyke Veeman whose dam nearest dams average over 37 pounds butter in seven days. His sire, King Korndyke Saddle Vale, is the only 40 pound bull to have a 40 pound daughter, and he is brother to the first 40 pound heifer.

One born Dec. 12, 1917, dams record, over 16 pounds butter in seven days at two years of age. His four nearest dams average nearly 30 pounds butter in seven days. Has extra heavy bone, straight as a line and priced to sell quick.  
Another born May 6, three fourths white and one fourth black, and pretty as a picture. They won't last long at my prices.  
H. A. DRESSLER, LEBO, KAN.

SHORTHORN CATTLE

**SHORTHORNS** Three young Scotch bulls, herd headers; 10 young bulls suitable for farm or ranch use. J. M. Stewart & Son, Red Cloud, Neb.

**SUNFLOWER SHORTHORNS**

Herd headed by Maxwellton Rosedale. Some extra good young bulls and a few females for sale. J. A. PRINGLE, Eakridge, Kansas, R. R. Station, Harveyville, 25 Mi. S. W. Topeka.

**Cowan & Son's Shorthorns**

We have 15 bulls from 6 to 16 months, mostly reds, 10 roans. All are sired by Mistletoe King, by Mistletoe Archer, by Prince Royal. He weighed 2,000 lbs. day he was three years old. Have one pure Scotch bull, old out of Crimson Beauty, the highest priced cow in Neb. State Breeders' sale in 1916. The nearest heifers are by Mistletoe King, those a little older by Pioneer, a grand son of both Avondale and Whitehall Sultan—cow by Victoria's King, the bull we sold to Wilson at Glasco. He weighed 2648 at five years old. C. A. COWAN & SON, ATHOL, KAN.

**Meuser & Co's Shorthorns**

50 reds and roans, 30 mi. S. W. of Wichita. Cows carry blood of Victor Orange, Choice Goods and Imp. Collynie. Herd headed by a great grandson of Imp. Collynie and a grandson of Avondale. Some nice young bulls ready for service.  
WM. L. MEUSER, MGR., ANSON, KAN.

**Shorthorns**

A few great young bulls by Auburn Dale 569935. Reds and roans. Also a few choice heifers by Village Knight 398231. Also two or three young cows with calves at foot and bred back.  
Wm. Wales & Young, Osborne, Kansas. (Osborne County)

**Shorthorn Bulls**

Four extra good Shorthorn bulls, thick fleshed, broad breasted fellows. The kind, if offered by some noted breeder, would sell for a thousand each. They must be seen to be appreciated. Their several top crosses are noted sires and they show the effect of this good blood. The price asked is far below their worth. Farm three and one-half miles southwest of Winfield, Kan.

**FRED ABILDGAARD,**  
Winfield, Kansas

**Good Shorthorn Cattle**

20 Scotch topped cows, 3 to 8 years old, bred or with calves at foot and some rebred.

10 Scotch topped heifers, bred.  
15 choice yearling heifers.  
3 yearling bulls.

Will Sell Carload, Or What You Want.  
**O.E. Torrey, Towanda, Kan.**

SHORTHORN CATTLE

**PLEASANT VIEW STOCK FARM**

**Quality Shorthorns**

For sale: Four bulls, two straight Scotch and two Scotch topped. Also a few cows. Bulls ready for service. Also breed reg. Duroc Jerseys. Address,  
M. R. Peterson, Prop., Troy, 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.)

**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.

**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.**

**Shorthorn Beef Records**

An Illinois load of yearling Shorthorn steers made the world's market record at Chicago, Oct. 3, selling for \$19.00 per cwt. An Iowa load of Shorthorns sold for \$19.50 Sept. 16, averaging \$308 per head, the previous record. A Wisconsin Shorthorn load made the Wisconsin record at \$18.35 and a Shorthorn load bred in Montana made the record for range steers at \$18.  
AMERICAN SHORTHORN BREEDERS' ASSN.  
13 Dexter Park Ave., Chicago, Ill.

**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.

**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.**

**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)

**SYCAMORE SPRINGS SHORTHORNS**



Master of the Dales

Headed by one of the highest ranking sons of Avondale, as proven by pedigree and production.

**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**

**Sale of Registered Shorthorn Cattle**  
**Holton, Kan., Thursday, December 19**

Will be held in town, under cover.

**50 Head—40 Females, 10 Bulls, 12 Cows, with Calves at Foot.**

Bulls include Red Line, a Bruce Mayflower, consigned by D. L. Dawdy; sired by Imp. Scottish Sentinel; dam by Imp. Strahan Star; a second dam is Imp. Sobriety 2nd. Also, a Crickshank Butterfly owned by John Conlon, besides several choice yearling bulls and bull calves, will be sold. J. Q. A. Miller consigns two females bred to Rosedale, one of the really good sons of the great Avondale.

The offering of D. L. Dawdy includes 4 bulls and 16 cows and heifers. These females of breeding age are bred to the Scotch bull, Red Line, and five of the cows have calves at foot.

The consignment of Mr. Ed Stegell consists of 16 cows and heifers; 4 of the cows with calves at foot, and all are bred to a Son of Rosedale or the champion True Sultan.

Contributors: D. L. Dawdy, Arrington, Kan.; Ed Stegell, Straight Creek, Kan.; John Conlon, Atchison, Kan.; J. Q. A. Miller, Muscotah, Kan. Auctioneer, Cary M. Jones, Chicago. J. W. Johnson, Fieldman.

Request for catalog should be addressed to D. L. DAWDY, ARRINGTON, KAN., or to any of the above named contributors.

Visiting breeders are cordially invited to attend the banquet under the auspices of the Jackson County Breeders' Association, in Holton, on the evening of Dec. 18. You are urged to be present to enjoy this event preceding the sale of Shorthorns.

Mention the Farmers Mail and Breeze when you write for the catalog.

**B. M. Lyne's Fifth Annual Sale**  
**Shorthorn Cattle and Poland Chinas**

IN D. J. BAER'S SALE BARN

**Abilene, Kan., Thursday, December 19**

Consisting of some choice young bulls of serviceable ages and included with them is my herd bull, Violet's Search 3rd, by old Searchlight, a splendid breeder, straight Scotch and in his prime. Choice cows and heifers by such bulls as Lord Gloster, Romeo, Red Laddie and Violet's Search 3rd.

The Poland Chinas consist of strictly big type breeding and are the actual tops of my herd. There will be a few select tried sows, a few fall yearling gilts and a fine string of spring gilts and 10 extra fine spring boars. All of the young sows by Kansas Wonder.

Catalogs ready to mail. Address

**B. M. Lyne, Oak Hill, Kansas**

Auctioneer, Jas. T. McCulloch. J. W. Johnson, Fieldman.

Note: Each December I select a few of my best Shorthorns and some of my best Polands and bring them to Abilene because of the better R. R. facilities. This is my fifth venture and I will be there again one year from this month.

**1886—TOMSON SHORTHORNS—1918**

**Sires in Service: VILLAGE MARSHAL, BEAVER CREEK SULTAN, IMP. LAWTON TOMMY.**

200 high class Scotch cattle of the most popular families; also a limited number of the best Scotch topped sorts.

**FOR SALE NOW**

20 Extra good Scotch bulls of serviceable age.

15 Scotch cows and heifers, bred or with calves at foot.

10 Scotch topped cows with calves at foot.

Our large number of select cattle offers an unusual opportunity for the beginner to select such foundation stock as he should start with and for the breeder to make additions that will strengthen his herd.

**TOMSON BROTHERS**

CARBONDALE, KAN.

DOVER, KAN.

(Ry. Sta., Wakarusa, on Santa Fe.)

(Ry. Sta., Willard, on Rock Island.)

**Park Place Shorthorns**

Bulls in service, Imported Bapton Corporal, Imported British Emblem and Rosewood Dale by Avondale. To sell right now 50 head of high class Scotch topped cows and heifers, all heavy in calf or with calf at foot; also a few young bulls.

**PARK E. SALTER, Fourth Nat'l Bank Bldg., Phone Market 2087 WICHITA, KANSAS**

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Third Annual Offering of High Grade Breeding Stock

**More Than One Thousand Pure-Bred Pigs**

Selected from the Contest Litters At Private Sale

Poland China, Spotted Poland China, Duroc Jersey, Chester White, Hampshire, Berkshire

The Best Blood of These Great Breeds in This Offering. Priced Right and Satisfaction Guaranteed. You are Requested to Buy From the Member Nearest You.

**ATTRACTIVE ILLUSTRATED CATALOG FREE**

It Contains Names and Addresses of All Members Who Have Pigs to Sell and the Offering of Each. Write to the secretary of the breed you wish to buy.

POLAND CHINA.....KARL FRANKE, HERNDON, KAN.  
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DUROC JERSEY.....VERNE JONES, CLAY CENTER, KAN.  
CHESTER WHITE.....LLOYD GARRISON, GLADE, KAN.  
HAMPSHIRE.....THEODORE GRAHAM, PEABODY, KAN.  
BERKSHIRE.....ROY NANCE, NIOTAZE, KAN.

Catalog also can be obtained on application to

**John F. Case, Contest Mgr., Capper Bldg., Topeka, Kan.**





## The Spirit of the Red Cross Should Enter Every Home

**T**HROUGH the Red Cross all the love of kindred and country, which gives our National soul its greatness, finds expression.

Those who love America, believe in humanity, and have faith in God, must count themselves proud to answer "present" at the Red Cross Christmas Roll Call, December 16th to 28th, during which period the privilege of membership is to be extended to every loyal American.

Let us grasp this opportunity to make this a Red Cross Christmas.

Let us be able to tell our boys at the front, when we send them our Christmas greetings, that America stands solidly behind the Red Cross—their Red Cross—with full membership in every home.

Let us tell them that this beautiful spirit of love, and compassion, and generosity, and unselfish service, has entered every home in our land—from the smallest farm in Maine to the largest ranch in California.

No other message we can send will give them greater courage or encouragement. They know what the Red Cross means to them.

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