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The FARMERS MAIL AND BREEZE



To Mail and Breeze Readers

A Personal Message from Governor Capper

NEXT TUESDAY Kansas elects a United States Senator. He should be a man the farmers of Kansas can bank on. There never will be a worse time to send the wrong man to Washington. The state should be represented by someone who knows it thoroly, especially by one who knows the need of its farming industry for a square deal and a chance to live and thrive, who can and who will speak for it on all occasions at Washington. I believe this need is plain to all of us, and never more so than in these recent months.

For some time I have wished to lend a hand at this job of representing you in Washington as I feel you should be represented. I believe you as readers of the Mail and Breeze know I have a sincere desire to be useful to Kansas and the farming industry. Having been born in Kansas and having lived in the state 53 years, I know pretty well the needs and importance of its chief occupation. In my farm papers and newspapers I have fought continually for its rights. I don't have to be told that a policy which does not foster the thrift and progress of the farming industry, is a mighty short-sighted policy for state or nation. I don't believe it is good policy to regulate the prices of farm products and not the things a farmer needs; nor to treat Southern cotton farmers better than we do Northern wheat-raisers; nor to regulate farm products downward while other products go upward; nor to have markets stacked against farmers, packers robbing them, and profiteers and parasites of various kinds legislating against or living off the farmer's industry as we know many do now.

To a great extent these things happen, or these abuses are not corrected, because farmers never yet have been adequately represented in Washington. Better times are coming for the farm industry, but we must help them to come. It is here I can be of service, if I get the chance.

To be elected next Tuesday I shall need the backing of the Mail and Breeze folks and their men and women friends and neighbors. The war has given me no opportunity to make a campaign. The big federal patronage political machine is trading any or all of its state or local candidates for votes against me, the mudslinging element is going the limit and the profiteering crowd is busy. It is a compliment to have these pull-downers get after you, but they are formidable enemies.

The result depends on getting out the Capper voters. Much depends on your active support, and the use of the telephone, automobile and your personal influence to persuade others to vote. I know I have your good wishes, therefore I am making the situation plain. Do the very best you can. I will heartily appreciate it. With your help there will be no doubt about the result.

Arthur Capper



J. I. CASE

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It Pays to Buy Purebred Livestock

In the Future the Farmer Must Plan His Business on an Efficiency Basis and Must Discard All Animals of Scrub Breeding

KANSAS FARMERS sometimes fail to realize that some of the animals they have on the farm are unprofitable, because they are inefficient. It is said that the state has more than 700,000 cows kept for dairy purposes that do not pay the farmer market prices for feed consumed. In many instances it would actually prove more profitable to give the cows away than to pay for the feed they consume. In the future the farmer must plan his business on an efficiency basis. Where livestock is concerned he must use and raise only such animals as are profitable. Purebred animals are always more efficient than animals of "scrub" breeding.

The farmer today who feeds a steer until he is 4 years old and weighs 1600 to 1800 pounds is looked upon with suspicion of mental weakness. A steer 2 years old that weighs about 1200 pounds is the steer that meets requirements of today. This has meant a radical change in the animal necessary to meet this demand, which has been accomplished thru the effort of the purebred breeder's skill. On the whole the result of competition and the increased demand for the farmers' produce has created an appreciation of "purebred" livestock. This is demonstrated by the fact that in all the various classes of livestock there are several "breeds" represented with breeders and animals. The proportion of "purebred" livestock in the United States of horses, cattle, sheep and swine to the total number of animals, is less than 1 per cent. This fact shows that there is great opportunity for development.

Most of us assume that purebred animals are more efficient than animals of "scrub" breeding. Why are they more efficient? In taking up this part of the discussion it is necessary to distinguish between the terms "purebred" and "breed." A purebred animal is one that belongs to an established breed of animals. A breed is a group of animals homogeneous alike in blood, and possessing in common certain well defined characteristics which are uniformly transmitted from the parent to the offspring.

To illustrate these definitions take, for example a cow belonging to the Jersey breed. She belongs to a group of animals known as Jerseys—a group of animals so called because of similarities in characteristics and ancestry. A breed of animals may be compared with a nationality. The French, English, or German nationalities are composed of individuals related in their characteristics and ancestry to such an extent that each group is recognized as a distinct type. This Jersey cow belongs to a group whose members are homogeneous in blood, that is, alike in blood. This can be understood easily if the following facts are considered. The breed acquires its name from the Jersey Island which lies off the coast of France in the English channel. Laws were passed by the "Legislature of Jersey prohibiting the importation of cattle" on the island except for slaughter since 1763. The farmers on Jersey Island learned at that early date that foreign blood would break down their efforts in building up a breed of dairy cattle. Due to their isolation the Jersey breed became closely related in heredity. Another reason was a law which allowed only the best sires to be used. All other breeds have developed in restricted areas, which explains their common sources of heredity. In some breeds the records are so complete that all individuals

By B. O. Severson
Specialist in Animal Husbandry

can be traced back to a few foundation animals. Next, the Jersey cow belongs to a group not only related along blood lines, but possessing in common, certain well defined characteristics. The breed has its "trade marks," that is, well defined characteristics common to all Jerseys. Jersey cattle are fawn-like in color, graceful in form and action; they possess in common a constancy of size, temperament, quality; these characters make all Jerseys similar.

Finally, the most important fact in this definition, is that those characteristics are transmitted with uniformity by parent to offspring. The characteristics of the breed are hereditary. In the same way characters like color, as for instance, utility characters like butter-fat percentage in the Jerseys, beef form in the Aberdeen-Angus, wool in the Merino, draft power in the Percheron, or egg-laying ability in the White Leghorn, are transmitted in these established breeds. There are three factors that shape each and every characteristic that any animal pos-

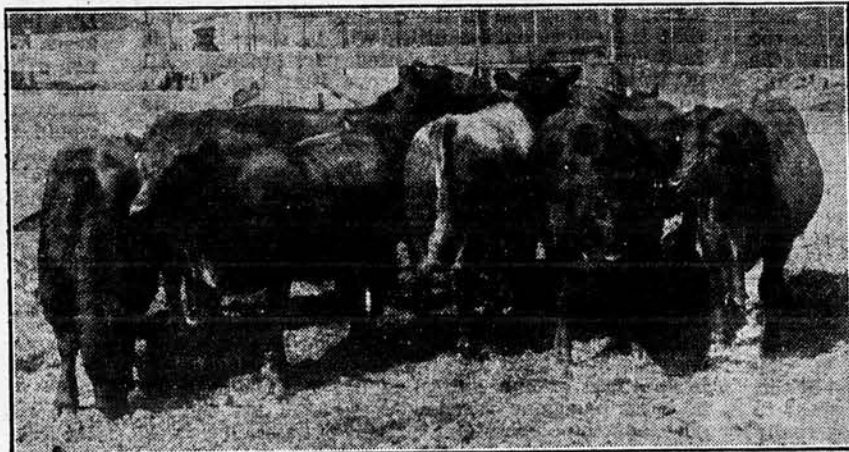
sessions. They are, heredity, environment and training or management. What is heredity? "It is that part of an animal that is in him before he is born." "It is the biological law by which beings endowed with life tend to repeat themselves in their offspring." The environment includes the shelter, feed, water and climate to which an animal is subjected during its life cycle. The training or management is the care, selection, amount of feed offered, and regularity of feeding, given an animal. Environment and training can be controlled by man, but heredity, the foundation on which an animal is built, is not created by man. Man can guide heredity thru selection of mating animals but in no other way. An animal possesses all the heredity it ever will possess before it is born, a fact accepted by leading scientists. The extent to which the heredity is developed will depend upon the use to which the factors of environment and training are put. For example, a dairy cow to be a producer of 1,000 pounds of butter-fat in one year, must have the possibilities of producing a thousand pounds of butter-fat in her heredity. Whether she will produce 1,000 pounds or not will depend upon the kind of feed, shelter, care and management she received. Experiments have shown that cows under exactly the same

conditions produce great differences in the amount of butter-fat and milk. This difference is due to heredity. It is true that closely related animals differ or vary in the same characteristics. But that does not mean that each one received the same hereditary characteristics from their parents. One cow may produce a red or a white calf when mated to the same sire. This difference of color is due to the difference in hereditary units controlling the color that are contained in the fertilized egg. In theory, heredity is controlled by hereditary units contained within small bodies known as chromosomes. The germ cells coming from both parents contain the chromosome bodies. When animals are bred pure there is a greater chance of the characters being the same. That is, a cow with high yield in milk can be bred pure for that character as well as another cow with low milk yield might be bred pure for low production. Purebreds may be bred so as to transmit their weak points as uniformly as their strong points. In breeding "purebreds" the object is to obtain a combination of hereditary units that are identical in the offspring with those manifested in the parent. When a review is made of the individuals that stand out as the ideals of the various classes of animals, all of them belong to recognized breeds. Of all the great dairy cows like Murpe Cowan, Banostein Belle Dekol, Sophia 19th, of Hood Farm, Joan Armour, or any cow that has produced 800 pounds or more of butter-fat in a year have been purebred. Horses that have won fame on the race track, such as Uhlan, Dan Patch, Lou Patch, Lou Dillon, and others, represent over a hundred years of selection in the purification of the character speed. Such famous sires as Avondale, White Hall Sultan in the Shorthorn; Prince Ito in the Aberdeen-Angus; Beau Donald, Fairfax Royal Perfection, Anxiety 4th, in the Hereford, were models of perfection in beef form and possessed the ability to transmit their characteristics with uniformity to their progeny. They represented in their respective breeds the purifying of blood lines to the degree where their character was transmitted with such uniformity that their influence will be felt as long as these breeds exist.

Illustrations without number could be cited within breeds of draft horses, sheep and swine to bring out the same point. The "best livestock" is "purebred" livestock. Sometimes animals of scrub breeding are good animals, but these are the exception and not the rule. They do not breed with uniformity because they are not "pure." Who could tell with reasonable certainty that a "scrub" dairy cow will produce a calf that is brown, black, fawn-like, white or any other color, yet anyone, with a high degree of certainty could tell beforehand that the calf from an Aberdeen-Angus cow would be black. In just the same way other characteristics are respectively transmitted by the scrub and the purebred.

Experience as well as experiments have demonstrated that animals of beef breeding are more profitable for beef production than "scrubs." Dr. Armsby in his investigations has found that it requires 15.6 per cent more energy in feed consumed for maintenance for each unit weight by a "scrub" as compared with a "purebred" steer.

A slaughter test made at the Pennsylvania State college in (Continued on Page 29.)



These are Calves Fed for Baby Bees. Only Purebred Animals Can Produce Such Satisfactory and Profitable Types.



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Passing Comment—By T. A. McNeal

Paying the Debt

NO MATTER how soon the Great War ends we will have at least one and probably two more bond issues. It will be necessary to continue a great expense in getting the boys home again; in paying the expenses of demobilization and all the other expenses attending the disbanding of a vast army.

Before it reaches the pinnacle, our national debt may exceed 25 billion dollars. What will the government do about it? Will this vast interest-bearing debt be handed down to future generations, the annual burden of interest being collected from the people meanwhile until the interest paid will total far more than the principal of the debt? I believe that good business judgment will not permit a vast perpetual interest-bearing debt and neither is it necessary.

Congress is about to pass a revenue bill which will yield 8 billion dollars a year. The ordinary expenses of the government after the War is over should not be more than 2 billion dollars a year, but let us estimate that they will reach that amount or even 2½ billions, there would still be a margin of 5½ billion dollars a year to be applied to the payment of the public debt.

It will not, however, be necessary to levy such high taxes or to raise so much revenue after the War. The government could arrange to pay the debt however in 20 years without imposing any great burden on the wealth of the nation. And at that the present war taxes could be cut in two.

The President's Appeal

I am watching with some interest to see what will be the effect of President Wilson's appeal to the voters of the country to elect a Democratic Congress next Tuesday. So far as war legislation is concerned the President can scarcely claim that Democratic Congressmen have sustained it any more loyally than Republicans. In fact, the comparison is rather favorable to the Republicans. This being the case the President must appeal to the voters as a partisan and not because he really feels that there is or will be any lack of zeal on the part of Republicans in prosecuting the war. I am inclined to think the people will look at the appeal that way and that it will cut very little figure so far as the vote is concerned.

If on the other hand the impression is created that the President is trying to dictate to the voters as to how they shall vote, then it will do his party more harm than good, for there is certainly a deep seated prejudice among the American voters against an effort on the part of the head of the government either state or national, to dictate either to the individual voters or to the legislature or Congress. President Wilson enjoys to a large degree the confidence of the American people, but they would not submit kindly to dictation even from him. So I am watching with interest to see the effect of this appeal.

Just how the President can reconcile this partisan appeal with his declaration that "politics is adjourned," I do not know. The logical conclusion of the President's appeal is of course that none but members of the Democratic party should be elected to either House of Congress. I am wondering if he really believes that it would be a good thing for the country to have both Houses of Congress filled exclusively with the members of one political party. If he does then he is a more narrow and bigoted partisan than I ever have believed him to be. There is another thing quite noticeable about this appeal of the President and that is the repetition of the personal pronoun, "if my leadership" is to be followed, if "my policies" are to be sustained. In other words it is evident that President Wilson is of the opinion that the business of Congress is to do as he bids. Admitting that he has greater wisdom than the aggregate wisdom of Congress, the fact still remains that Congress is a co-ordinate branch of the government and not subordinate to the President.

At the same time this extraordinary appeal of the President's was going out to the voters of the country, another remarkable man was delivering himself of what was intended to be an appeal to the people. Ex-President Roosevelt indulges in a

somewhat violent criticism of President Wilson and his celebrated 14 principles as a basis of peace. To read this opinion of Roosevelt's one might suppose that President Wilson is a very unsafe man to have in the Presidential chair, in fact, almost dangerous, and that his peace propositions are highly acceptable to the kaiser and the German government.

The objection to this opinion of Roosevelt is the same as the objection to the President's plea to the voters. It is purely partisan and unfair. It is hard to believe that either Wilson or Roosevelt really believe what they say and it is also hard to avoid the conviction that both of them will take any partisan advantage possible.

Wilson and Roosevelt are both very remarkable characters. Both of them are men of great ability and both of them intend to be sincere patriots. Both of them are born dictators, impatient of opposition and intolerant of opposition. As wide apart in most respects as the poles, they are alike in that they both insist on absolute leadership. Roosevelt's criticisms of the President are for the most part unwarranted; the rankest partisanship and balderdash, and President Wilson's statement that unless Democrats are elected to the House and Senate all over the United States, he will be seriously hampered in the conduct of the War and that the effect on the allies will be disastrous, is just as rank and unwarranted partisanship. All of which simply goes to prove that our human idols generally have feet of clay. Along with their admirable qualities is the weakness born of human vanity; for both Wilson and Roosevelt are magnificent egotists. So again I say that I am watching with interest to see how far the plea of the President to the voters will affect the vote next Tuesday. Maybe it will have a great effect, but I do not think it will. I think the American people have a great deal of confidence in the President. They believe that on the whole he has managed the War with statesmanship and credit to our nation as well as himself. True he has radically changed his views. Some of his earlier utterances, in the light of now known facts seem absurd, and no man has gone further away from his former positions than President Wilson, but that does not seem to me to be a just ground for criticism. Most of us have radically changed our views within the past three years. It is to the credit of the President that he did change his views, and I think the majority of the people look at it that way, but the very fact that he was obliged to change his views proves that he is not possessed of supernatural wisdom or foresight and therefore the people are not ready to vest him with more autocratic powers than he already possesses. In other words, if I am not mistaken, they still desire to be permitted to choose their own representatives in their own way. That is my present guess. After the votes are counted next week I may have occasion to revise this forecast.

The Farm Problem

A farmer's wife, a woman of education and intelligence, living near Ponca City, Okla., who modestly asks that her name shall not be published, tho I can see no reason why, writes me of the farm life problem as it presents itself to her.

She notes with sadness and apprehension the increasing number of farmers who are moving to town and renting their farms. This increases the rent evil. The renter, even if he may be a good man and a good worker, has under the present system little inducement to keep up the improvements on the farm he rents. As a result rented farms are permitted generally to run down. The retired farmer becomes a consumer instead of a producer and his only interest, in most cases, according to this Oklahoma woman's observation, is to get as much rent as he can from the farm and put as little back on the farm as possible. The same inducement actuates the renter in most cases so that between the two the farm is being skinned. Unless there is a change of system this farmer's wife fears that conditions will grow worse instead of better after the War. The boys will return from across the sea, accustomed to excitement and the companionship of their comrades. The farm life will seem unbearably dull to them and instead of staying on the farm they will go to the cities and

towns to get away from the lonesomeness, if for no other reason.

The increasing desire of farmers and their wives to see their children educated is helping to draw the farmers away from the farm and to the towns. The farmer's wife says that the consolidated rural high school is not solving the educational problem in the country for the reason that many of the children have so far to go. In her own case it is necessary to get up at 5 o'clock all winter long to get the children ready to go to the rural high school 8 miles away from home. In cold weather the children come home half frozen and with health endangered by the exposure. She says much as she dislikes leaving the farm, she and her husband will move to town and join the ranks of retired farmers in order that they may educate the rest of their children.

Her suggested remedy is the village life for the farmers, that is, the congregating in villages some what after the way farmers do in France. In this way the farmers, as she believes, could have the benefits of society, schools, churches (not more than one in a village), electric lights and other modern improvements.

I think her plan would be an improvement over the present system but it does not go far enough. Life in a village of 150 to 200 persons, as she suggests, would not satisfy the ambition of the young nor afford the opportunities they long for in the way of society. The corporation farm embracing an area of not less than 10 miles square which would require a population sufficient to make a beautiful little city of from 10,000 to 12,000 inhabitants, all of whom would be workers and stockholders, would in my judgment solve the problem, tend to a higher and more contented order of citizenship, greatly increase production and of course do away entirely with the rent problem. I think also that it would cure the evil of monopoly and solve the transportation problem.

Punishment of the Hun

Now that the defeat of Germany is a certainty the question of greatest present interest is what punishment is to be meted out to the kaiser and his military and civil leaders who deliberately plunged the world into war. The people of the allied countries never will be satisfied if these men are let go "scott free." They will not be satisfied with the forced abdication of the German emperor. That must abdicate is settled but he and his pestilent brood must suffer more punishment than that. It is also well understood that there are hundreds of junkers who are only in a degree less responsible than the kaiser. He never could have accomplished what he did without the backing and advice of these men.

The world is prepared for any sort of treacherous subterfuges from Germany. There will be a proposal to grant a liberal constitution with popular representation in both houses of parliament. Quite likely if the situation is looking very serious the emperor may even offer to abdicate but all the while there will not be any serious intention on the part of the Hohenzollerns and the junker class to give up the control of Germany. That class must be so crippled that it cannot regain control at any time in the future.

I am still favorable to the plan of selecting a nearly desert island, guarded if necessary by warships so that there would be no possibility of escape and on this island I would put a few thousand of these leading junkers and there let them stay and dig until they die. In this connection I may say that I have received several letters from readers who are interested in the disposal of the leading Huns. Arthur Child, of Manhattan, agrees generally with my plan but thinks the acreage of it is not wide enough. He would add a few thousand penal colony a few hundred or maybe a few thousand of the German preachers who preached the infamous doctrine of German militarism from the pulpits. Very well, Mr. Child. I do not object to the addition. Of course it might be necessary to get a little bigger island than I had figured on but I assume that could be arranged.

Another subscriber who carries the fighting name of Flanigan, I mean J. T. Flanigan, of Co. fax, La., writes me that he has a better plan of dealing with the leading Hun criminals than I

one I suggested. He would permit the people of the countries devastated by the German armies to go into Germany, pick out that part of Germany and Austria which suited them and take possession. Then he would take the inhabitants of the German and Austrian countries turned over to the French, Belgians and others whose lands have been French waste, and put them in the devastated country to rebuild it. He would put into this group the kaiser and his family and all others who have been instrumental in bringing on the Great War and all who have taken part in the atrocities. He would insist that all of these Huns, including the kaiser and his brood, should be compelled to work hard for six days every week and if they showed signs of slacking they should be touched up with bull whips or other efficient incentives to toil. Finally, Mr. Flanigan would have the valuable oil and mineral lands in Germany and Austria held by the allied nations. I assume as part compensation for the injuries inflicted.

This plan of Mr. Flanigan's leaves out of consideration the great love the French and Belgians have for their native lands. It is my opinion that they would prefer to live where they were born and raised and rebuild their homes on the ruins. I am fully in sympathy, however, with the idea of compelling the Germans to help restore the country they devastated. But I am still in favor of deporting a few thousand of the leaders.

Neglected Roads

I have a letter here from M. H. Johnson, of Potwin, Butler county, Kansas, severely criticizing the way the roads are being cared for in that county, where there is more wealth and more motor cars in proportion to the population than any other county in Kansas.

It is claimed by the township authorities, says Mr. Johnson, that they cannot get the work done on the public roads because the law does not permit them to pay sufficient wages to get the labor, so it seems that prosperity instead of getting better roads, as might naturally be supposed, actually works against the keeping of the roads in proper repair. Mr. Johnson is a rural mail carrier and of course has a better opportunity to know the condition of the roads at all seasons of the year than the average citizen. He says: "I have lived in Illinois and Wisconsin. Kansas could have better roads than either of these states but has far poorer ones."

That I think is true of part of Kansas and part of Illinois and Wisconsin. There was a time when the roads in a good deal of the state of Illinois were notoriously bad, but there has been a great deal of attention given to road building there in the last few years. The people of Kansas are only beginning to realize the importance of good roads and they have a lot to learn yet about building and caring for them.

The Nonpartisan League

My friend, Jesse Johnson, who believes in the Nonpartisan League and is one of the organizers, sends me the following:

W. E. Quigley, a Nonpartisan League organizer, was arrested in Dodge county under the Nebraska sedition law, charged with not being engaged in a useful occupation. When his case came up in the county court at Fremont, the following statement, vindicating the League, was filed with the court by County Attorney J. C. Cook and Quigley was dismissed.

"In the county court of Dodge county, Nebraska. State of Nebraska, plaintiff, vs. Walter E. Quigley, defendant. To Waldo Wintersteen, county judge: 'I have made an exhaustive investigation in this case, feeling that it vitally interested every loyal American citizen in Dodge county and Nebraska. The reports and rumors that I had read in the daily press for the past year and a half and the statements I have heard about the Nonpartisan League had aroused in me an intense antagonism toward the organization. Consequently, when reports were brought to me that organization work had been started in Dodge county, I promptly issued a warrant for defendant's arrest.'

"At the time of Mr. Quigley's arraignment it was suggested that the League be explained to me, so I had a conference with the defendant, after he had come to Lincoln to compile his data. In the meanwhile I did considerable impartial investigating on my own account.

"I particularly went into the matter of the League's war record and its attitude toward the government. I examined dozens of copies of the official publication, the Nonpartisan Leader. I find that instead of being a hindrance to the government, that the League has been of invaluable assistance to the United States in spreading patriotic propaganda. Dozens of cartoons appear in these papers which could not help but instill a spirit of patriotism in the reader. Appeals are set forth in issue after issue urging the reader to back up the United States government in its war issues. The official platforms of the North Dakota, Minnesota, Idaho, South Dakota and Nebraska conventions, wherein the delegates of the farmers spoke officially, are filled with patriotic utterances and sound, business-like suggestions.

"I find that the Federal officials show a friendly spirit toward the League. The organization has consistently supported the Administration and many of the high officials seem to be in exact accord with the economic and loyalty programs of the organized farmers. The pamphlets, circulars, song books and other propaganda are loyal without a question. If the charge that the League is specializing in its work in communities reputed to be pro-German is correct, then that is a good thing. The quicker men of pro-German tendencies can get this propaganda in their hands, the quicker they will see America's position and their duties.

"With reference to the defendant personally, I am firmly convinced of his Americanism; I found that he has tried to enlist, that he has supported the war loans and other patriotic activities, and that he spends many hours convincing men of wavering loyalty as to what their duties are to their country.

"Before coming to Dodge county to organize, de-

fendant wrote to the secretary of war at Washington asking for a ruling as to whether his occupation is essential or not. He has agreed to abide by the ruling as handed down.

"I realize that the foregoing statement will shock many of my friends, who cannot doubt my patriotism, and hundreds of loyal citizens who entertained the same views that I did, but I am satisfied that the same impartial investigation will convince the most prejudiced. And, while I realize that my position is not popular, especially in this community, where the facts are not known, as a public official, charged with the sacred obligation of giving every man or organization a square deal, I am compelled to ask for a dismissal of this case, and the discharge of the defendant.

"J. C. COOK,
"Dodge County, Neb.

"County Attorney."

Cotton and Wheat

In the Farmers Mail and Breeze of October 5 an Oklahoma farmer has a statement showing the cost of raising cotton to be 35 cents a pound. In the first place the U. S. Year Book gives the average yield of cotton at 186 instead of 160 pounds an acre, as he gives it. Next he estimates that it takes one man to raise 30 acres of cotton and 10 of feed crops. Then he pays that man \$75 a month for the entire year. Now for the sake of argument let us admit that his figures are correct.

Have we not the right to use his figures to get the cost of raising wheat? The Year Book shows that the average yield of cotton from 1906 to 1915 was 186.3 pounds an acre. Gross acre returns for 10 years were \$21.05. Average yield of wheat from 1906 to 1915 was 15.02 bushels an acre. Gross returns an acre were \$13.37. Average acreage abandoned was 8.34 per cent. In arriving at the cost of raising wheat we should allow something for this.

Here is how the cost of raising wheat looks, using his figures: Man labor for one year will be \$900; use and depreciation of team, \$50; feed for team, \$300; interest on farm and equipment, \$450; depreciation on equipment, \$80; depreciation on improvements, \$150; blacksmithing and repairs, \$20; seed wheat, 1 1/4 bushels an acre for 30 acres, \$75; shocking wheat for two days, \$8; threshing 460 bushels of wheat at 15 cents a bushel, \$69; storage and interest for six months, \$120; plant food taken from the soil, \$150; and taxes and insurance, \$120. These amounts total \$2,493. This total less one-fourth will leave \$1,967.

The U. S. Year Book shows that the average amount of abandoned wheat is 8 per cent. Now we should allow one-half of cost on this, or 4 per cent, or \$78. This amount added to \$1,967 will make \$2,045 for the total cost of 460 bushels of wheat or an average of \$4.44 a bushel.

Of course you know that these figures are wild, but the cotton raisers are using them to bolster up their plea for 35-cent cotton. Why should we not insist if these figures are correct for them that they will apply to conditions here? Our land is worth just as much an acre and we have just as much right to hold our wheat six months and charge interest, insurance and storage as they do. If the Administration at Washington is going to permit such figures to be used in fixing the price of cotton, we insist on using the same figures for our wheat.

JOHN HARVEY,
Richmond, Kan.

A Word From Mr. McNamee

I was raised in the North. For four years I have been astride the Mason and Dixon line, so to speak, in Central Oklahoma, where the human waves from Yankeeedom and Dixieland met and blended some 29 years ago. There is a slight difference in the viewpoints from which the people from the two sections look at men and things. Racially they are of the same stock. Fundamentally there is no difference. The old animosities, springing from the pro-slavery and anti-slavery sentiment have all but died out. The cleavage between tariff for revenue and tariff for protection of home industries no longer follows sectional lines. The veterans of the gray and the blue fraternize in unfeigned comradeship. The North and the South have buried the hatchet. There is still some difference of opinion as to how the negro shall be handled, but the North generally acquiesces in the opinion that the people who come in direct contact with the negro are best qualified to decide what shall be the social, political and economic relationship between the two races. Sectionalism is rapidly dying out and is being supplanted by a broad and liberal nationalism. We are all learning to love the U. S. A. from Key West to Cape Flattery; from San Diego to Eastport; but while the dying embers of sectional hatred have almost expired, a few faint sparks remain and the federal authorities at Washington, who are given plenary power over the country's resources during this great crisis, should be very careful not to be guilty of any act that would fan these embers into a flame of sectional and partisan passion. We admire President Wilson. His conception of a world democracy embraces the noblest ideals of human freedom the world ever has entertained. He raised international diplomacy to a higher level of justice and fair dealing than the world ever knew before. It is too early to make predictions, but he probably will go down in history as one of the great statesmen of the age. The greatest men sometimes have petty faults, narrow prejudices and puerile peccadilloes. We scarcely can conceive of a man with the broad statesmanship and world wide humanitarianism of President Wilson being guilty of such narrow partisanship and sectionalism as to favor one section of his beloved country at the expense of another section and yet, wittingly or unwittingly, knowingly or ignorantly, that seems to be exactly what he has done.

"I think I know a little about the cost of growing a bushel of wheat. I think I know something of the losses the wheat grower sustained during the 40 years preceding the Great War. I think I know that the wheat growers are not getting their share of the increased profits which other business has been making since the War began. We all know now that Wilson is directly responsible for the curtailment or wiping out of the wheat grower. Cotton unregulated, has soared unchecked to the highest heights. God knows I don't begrudge the poor cotton grower any price he ever got for his cotton. His life has been one of toil and privation and his wife and children have shared in his miseries. But if the President regulates the price of wheat, which is a staple of the North and a world necessity, why not regulate the price of cotton which is a staple of the South and a world necessity? Being a Democrat and a Southerner, he can demonstrate his broad-mindedness by treating all sections equitably. While he is demanding freedom and justice to the oppressed of Serbia, Belgium, Armenia, Poland and Bohemia, he might show his consistency by granting justice to the wheat growers of his own country.

M. P. MCNAMEE.

Norman, Okla.
There does not seem to be any very good answer to make to the reasoning of Mr. McNamee, does there?

AN APPEAL TO KANSAS VOTERS

BY GOVERNOR CAPPER

I urge every man and woman of voting age in Kansas to go to the polls next Tuesday, November 5, as a patriotic duty—Tuesday's election will decide issues which will affect every one of us for a lifetime. How they shall vote may safely be left, I think, to Kansas commonsense, to the Kansas doctrine of fairplay, free speech and honest discussion. Our system of government rests on free discussion. Kansas, I am sure, wishes every man to vote his sincere convictions.

Kansas has always been loyal to the core. This is our war as much as it is anybody's; President Wilson is our President. Everything we possess is staked on the issue, and we should have some say-so about it. We are not a divided people. We have been with the President heart and soul since a state of war was declared. I am sure we can be trusted not to go wrong now, or fail in any real duty to him. As a citizen or as an official, I shall continue to give him loyal support at every step where such support is needed to win this war.

The issues in Tuesday's election are epochal—gigantic. The standing of no candidate should be prejudiced by the offensive and indecent partisanship of our statewide federal political machine. It is a political profiteer.

The candidates selected Tuesday to represent us in Washington are to ratify a peace which we demand shall end militarism, a demand that must be based on an unconditional surrender. They must construct a new world and a different United States. They must provide for returning our army of 5 million men and another army of a million war workers to homes and occupations. Upon the solution of this tremendous problem depends good or hard times after the war.

The new Military Deficiency Bill will bring our expenditures this year up to 36 billion dollars. There has never before been anything like so stupendous a sum spent by any nation in the history of the world. A fair adjustment of our huge burdens of taxation is certain to be one of the hard-fought issues in Congress. Our taxes must be levied where the burdens will be felt least. Big incomes and war profits should be taxed to the limit.

Our huge tax burdens now compel us to seek efficient government earnestly. We must strip waste, graft and all partisan favoritism relentlessly from the public service.

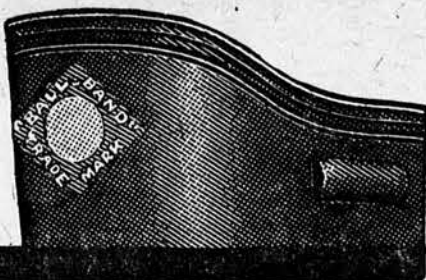
The war has given us the means of enforcing economic justice. We must use this means for the best interests of all. Certainly we must give our wheat-raisers the same chance that we give the cotton-growers of the South. The exploiting of the people by profiteers and by privilege must cease. Greed for big profits and high dividends has been starving our homes for a generation. Hereafter the general public must be represented on all boards and commissions empowered to fix or regulate prices. This must not be left entirely to the men personally interested in the industry affected. There must be fair markets and right conditions for our producers. This also is vital, as existence depends on it. There must be direct and fair regulation of our natural resources, means of transportation and communication. And when necessary the actual taking over of any monopoly.

This is my platform. As a candidate for United States Senator, I am pledged to these issues all the way thru. Pledged with me to this program are the eight congressional candidates on the same ticket, and I hope to see them elected.

My election this time will depend upon the votes of thousands of men and women who do not know me personally. I could not get out to meet the people and make a campaign this year. The political profiteers, the profiteering interests, the corporation lawyers and the booze element are going the limit of dirty politics in a desperate last-minute campaign of mudslinging and misrepresentation to influence these voters against me. The result depends upon the active, voluntary support of the men and women who know me for what I am, and upon their efforts to get their friends and neighbors to turn out and vote for me on election day. I am counting on this earnest help. My election depends largely on your efforts. Use the telephone, the automobile and your influence to persuade others to vote. Much depends on the same strong, active support you gave me so generously at the primary. Do what you can, and be sure I shall know and appreciate your efforts. Don't forget every stay-at-home Capper vote means two against us.

Arthur Capper.

What Are Dry,
Comfortable Feet
Worth to You?



A MAN with wet, uncomfortable feet isn't at his best, nor is he happy. A great army of over ten million people wear "Ball-Band" year in and year out and are assured of the great durability, economy and foot comfort which is found only in "Ball-Band"—the kind marked with the Red Ball.

"BALL-BAND"

It will pay you to look for the Red Ball. Keep this round, red mark firmly in mind. Over 60,000 of the best dealers in the United States sell "Ball-Band." Ask your dealer.

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.

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"The House That Pays Millions for Quality"



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Owing to high labor and feed costs the Government is discouraging the production of fancy beeves. Short feeding is urged and the best feed to meet this condition is

**DOUGLAS
CORN
GLUTEN
FEED**

The feeder who can take 1000-pound steers and make them put on 3 pounds per day for 90 days, is making the most money.

You will get better results with Douglas Corn Gluten Feed than you will from any whole grain ration and it costs LESS than corn.

Your cattle will gain better, ship better, shrink less and net you a larger profit. Moreover, you will give the packer and the consumer the kind of beef they want.

Write for "Bulletin No. 22" containing valuable information on feeding for greater profits. We will also send you samples, prices, and name of nearest dealer.



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DOUGLAS COMPANY CEDAR RAPIDS, IOWA
Manufacturer of Corn Products

Jayhawker's Farm Notes

BY HARLEY HATCH

Wheat Needs Cooler Weather.
Use the Manure Spreader Now.
Wheat Acreage is Doubled.
Good Use for Dead Trees.
Coal Prices are High.
Vermonters Have a Barrel of Flour.
Hoarded Wool for 50 Years.
Dairying in Kansas and Wisconsin.
Have Cows Freshen in the Fall.
What Good Roads Mean.

NEVER, perhaps, has wheat grown faster than it has down here in Coffey county during the last 10 days. There has been moisture in abundance with warm sunshine, even warm enough to bring corn up and make it grow fast if the time had been May instead of October. But the forecast today says "cooler" and it is welcome to most wheat growers, for they would be pleased to see the last 10 days of October much cooler than the first 20 days were. Cool weather would make wheat lay down, spread out and stool; the present warm weather makes it grow too much up into the air.

The wheat fields have dried slowly since our heavy rain of 10 days ago and a light rain this week kept the ground still moist. On this farm we are waiting for the ground to dry so that the manure spreader traveling across it will not leave a hard streak where the wheat will not grow well. We have a good many loads of manure which we wish to put on the growing wheat but must wait until the ground is fit to carry the spreader and teams without damage. Manure applied to wheat has given greater returns here of late than when put on any other crop. All manured corn ground during the last year suffered more from drouth than that not manured but I have failed to see a field of wheat which did not return at least 5 bushels more, to the acre for top dressing.

I have seen something of both Coffey and Lyon counties during the last week and if I were to judge from what I saw, I should say that instead of a 50 or 60 per cent increase in wheat acreage the increase is nearer 100 per cent if it does not go above that figure. Fully 90 per cent of all the wheat and oat ground which I saw had been plowed and sown back in wheat, while 75 per cent of the corn ground had been disked, harrowed and drilled to wheat.

I never have seen so uniform a stand of wheat as there is this fall. If there is a field which has a poor stand and which does not appear to be growing thriftily I have not seen it. So good is the outlook that some say it cannot make good; that something is sure to happen to a prospect like that. Really, I don't think anyone expects as good a crop as we have promised now; it would make us too prosperous and we might suffer the fate of the biblical character who "waxed fat and kicked."

We have bought a new igniter and a new bearing for the 6-horse engine which runs our wood saw and are now in condition to turn out wood pretty fast. During the last year a good many trees along the creek have died or are partly dead and these will be worked up for fuel as soon as cold weather comes. We intend during the next week to go thru the timber belt and to mark every dead or dying tree with the ax so that it can be easily recognized next winter. Most of the dead trees are elms; the dead locust trees suffered more from borers than from drouth. The ash, which grow on the lowest ground, have but few dead trees and virtually every walnut is alive.

To go with the wood which we have in prospect I this week bought enough McAlester coal to take us thru any winter no colder than that of 1917. This coal is rather costly and, perhaps, will not provide quite so much fuel value for \$1 as will some cheaper kinds but if satisfaction counts for anything, McAlester is well worth what it costs compared with other kinds. We paid this year \$9.25 a ton for it off the car, which is about \$3 a ton more than pre-war prices. But we can take the proceeds of a load of wheat, of oats, of corn or of hay and buy much more coal than we could with the proceeds of the

same amount of produce before the war, so we ought to be satisfied.

It is said that a couple of flour hoarders were found guilty and fined in this county during the last week but my information does not state when the hoarding was done or the amount hoarded. It was my impression that anyone could now buy a reasonable amount of flour without being subject to the charge of hoarding. In Vermont I note that the food administration allows all who grew wheat to take the same to a mill and exchange it for flour not to exceed one barrel for each member of the family providing it is agreed that the owner should buy from some source the 20 per cent of substitutes required.

But the champion hoarder of all has just been unearthed back in the Green Mountain state and he is not a war hoarder either, but has been at it for the last 50 years. In brief, on the premises of a farmer in the town of Corinth, Vt., was found the wool which had been clipped on his farm for 50 years. It occupied a space of 6,000 cubic feet and amounted to 150,000 pounds. Some of this wool had been damaged but not so much as one would imagine. This farmer was twice given the option of clearing up and selling this wool but he refused to do anything about it so it was seized and sold by government agents. It is difficult to get the mental attitude of a man who will hoard stuff like that.

A farmer in a neighboring county who has just returned from a trip to the dairy region of Wisconsin told me this week that we had down here a better country than the one he visited but that they had a better business than we had. In short, he thought dairying as they carried it on was more profitable and was not such hard work as the mixed farming practiced here where we try to do a little of everything in the farming line. He said it had always been his impression that dairying was hard and confining work but that those dairymen did not make it so. Instead of working in the field until dark and then coming in to milk, they began their milking so that it was done by the usual quitting time of 6 o'clock.

I believe this part of Kansas could be made into a good dairy country; we have the pasture—in most seasons, at any rate—and can raise any amount of rough feed, including alfalfa, on most farms. But instead of making summer our main season we should have to let summer be a time of rest for the cows; by so doing we could escape the worst dairy months of the year here—July and August. The cows could be fresh in September or October and could be kept giving a good flow of milk until about the first of the next July and during that time heat and flies would trouble the cows but little. In that part of Wisconsin which this farmer visited the cows were pastured but little. He said that on the average farm they were not out on pasture more than two months of the year.

A county road was laid out past this farm almost two years ago and about a year ago 5 miles were graded. The work then stopped because of lack of help but it has been taken up again and the road still farther extended. It runs from Burlington south one-half mile, west 5 miles, then south 1 mile and then west 6 miles to the line where Lyon and Greenwood counties join Coffey. And now the commissioners of the three counties have extended other roads to meet this so that when it is completed we will have direct country roads to Hartford and Emporia, to Burlington, Waverly, Ottawa and Kansas City and in another direction to Madison and Eureka and, as the railroad advertisements say, "all points south-west." It is hard to express just how much this will mean to all living near this road but dwellers along the common dirt roads of Eastern Kansas will understand something of how it will be appreciated.

Farm Engineering

BY K. J. T. EKBLAW

IN THE opinion of the Ontario Department of Highways the growth of motor-truck traffic will undoubtedly call for stronger foundations for roadways, particularly on interurban highways, and over certain qualities of subsoil, the use of concrete in place of ordinary broken stone will be necessary.

Limiting loads for Ontario have previously been fixed, but in view of the trend of commercial traffic, the report states, it is desirable to consider the future in order that the maximum load may be still further reduced. Of the 4,929 motor trucks registered in Ontario last year, nearly 75 per cent were classed as 1-ton or less, over 97 per cent were 3½-ton or less, while less than 3 per cent were 4-ton and upwards.

Road improvement was materially affected by war conditions during the last year, more especially by the scarcity of labor, high wages, and lack of railway service for the transportation of materials. However, the efforts of the department have been devoted to organization for road development after the War. The improvement of country roads, the report says, will bring the greatest service to the greatest number. These constitute about 20 per cent of the roads of the Province and will carry about 80 per cent of the traffic. "The substantial improvement of such roads, or a portion of them, and their maintenance no doubt fall within the definition of justifiable war measures," it is pointed out. During 1917 returns of county road work show a total outlay of \$1,388,342, of which \$1,006,815 was for construction and \$381,527 for maintenance. The total mileage of surfaced roads was 149.46; miles of road graded only, 104.70; 75 bridges were constructed. The county road system has been adopted by all except one county.

A year or two ago "suburban road systems" were authorized by the government, as it was realized that increased carrying capacity and utility of main roads would greatly increase the direct value to cities of country roads.

Supply of Farm Implements

Practically every farmer in the country was made familiar during the past season with the rather difficult situation that existed in the farm implement industries. Not for years has it been so difficult to obtain machines as during the past year, and not for years have the prices been so high.

In every industry the War Industries Board has had to make its influence felt by more or less stringent regulations and restrictions of products, except in those directly connected with the production of materials for immediate war purposes. Tremendous as has been the expenditures for war materials, a greatly enlarged war program has been laid out for the coming year. This program will absorb the greater portion of the iron and steel production of the nation and all industries in which the use of these materials is necessary have been obliged either to begin making war materials or suffer a rather serious restriction in their product.

The farm machinery industry is doing both of these things. A great many factories which before the War were occupied exclusively in the manufacture of farm machinery of various kinds have gone into the business of making munitions and other war materials, at the same time continuing the manufacture of farm implements on a greatly reduced scale. This plan will be continued much as before except that the production of farm machinery will be curtailed to a greater extent than previously.

The War Industries Board has definitely expressed its appreciation of the fact that the manufacture of farm machinery is not only an essential industry, but it is an indirect war industry. However, it states that in view of the great necessity for other war materials, the production of farm machinery must be accomplished with a reduced consumption of materials and

labor required to meet the war program. It has made as fair an arrangement as possible under existing circumstances and places its reliance not only upon the patriotism of the manufacturers themselves, but upon the farmers, for a cheerful acceptance of the regulations as laid down. The plan following was outlined by the Board:

Manufacturing periods of 12 months each are specified. From October 1, 1917, to September 30, 1918, is designated as the "first period." The "second period" extends from October 1, 1918, to September 30, 1919. During the first period the consumption of iron and steel approximated 2 million tons and it is directed that this shall be reduced by 25 per cent during the second period.

Since by mutual agreement among manufacturers and thru the acceptance of conditions as they were thru the first period their product had been already cut down 25 per cent, it can be seen readily that the actual reduction in farm implement manufacture will be considerably over 40 per cent of the total amount produced in years previous to the war. This means that the shortage which was very keenly felt during the past season will be greater than ever and the need for farm implement conservation will lead to greater economies and greater efficiency on the part of the farmer more than ever before.

The actual accomplishment of the reduction in steel and iron consumption is left to the manufacturers themselves. Each manufacturer is requested to pledge himself as follows:

Priorities Division, War Industries Board, Washington, D. C.: The undersigned hereby pledges itself for and during the period from October 1, 1918, to October 1, 1919, (1) To use only in the manufacture of farm-operating equipment and parts therefor, the materials suitable therefor which are now in its possession or which may hereafter come into its possession (other than materials acquired or reserved for making other products covered by priority certificates or automatic ratings of higher class); (2) To reduce its tonnage receipts of iron and steel received for the manufacture of such products to a basis of not exceeding 75 per cent of its receipts of such materials for such products from October 1, 1917, to October 1, 1918; (3) To comply with the regulations of the Conservation Division of the War Industries Board as to economies and substitutions; (4) To produce only the more essential farm-operating equipment and parts therefor, and to distribute its products only for essential uses and thru such distributors only as will co-operate with the undersigned in carrying out the letter and spirit of this pledge.

A considerable flexibility in the application of the plan must, of course, be adopted on account of the varying conditions existing among manufacturers who have machines in various stages of development. An example is given of the farm tractor situation and detailed directions are given for the way of handling this particular situation. Tractor makers who have produced less than 10 tractors during the first period are not to produce more than 10 tractors during the second period. Those who have produced and have had in field operation, 10 or more, and less than 50 tractors, during the first period, are not to produce over 50 tractors during the second period. Those who have produced and sold 50 or more tractors during the first period will be permitted to use during the second period, not exceeding 75 per cent of their consumption of iron and steel during the first period.

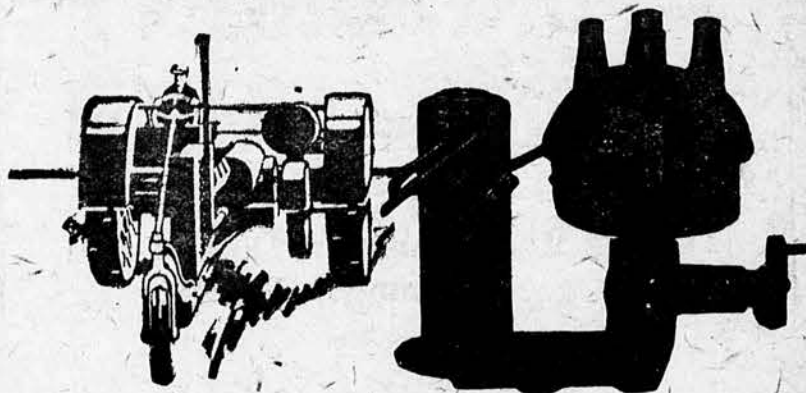
The farmer has shown himself willing and able to co-operate with every effort the government has made in the prosecution of the War and he will most certainly not be found lagging in his efforts to co-operate with manufacturers and dealers in handling the present situation, for it is only by such co-operation that a maximum conservation of labor and materials and a maximum of production of foods and feeds can be obtained.

Austria has lost several million sheep, France one-third of its supply. England's wool clip has decreased almost one-third. Russia is the only country that has not suffered severely. Deep inroads have been made on the sheep supply in Italy and the Scandinavian countries.

Be sure to contribute to the United War Work Campaign.

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Type K-3 for Magneto Replacement can be furnished for all existing Tractor Models.

Keep the Tractor Moving

Delays from mechanical trouble eat up time and money

The commonest cause of tractor delay is slow starting—due to a weak spark at low speeds.

Atwater Kent Scientific Ignition with its big, hot, dynamic spark at all motor speeds assures easy starting in all weathers. It assures steady maximum power to the motor. It reduces ignition difficulties to a minimum.

The system is so simple in construction and so unfailing in performance as to enable you to forget ignition entirely. Will replace your magneto and give better ignition service.

The automatic advance feature always retards the spark for cranking, thereby eliminating backfiring and its attending dangers, yet properly advances the spark automatically according to the speed of the motor—assuring maximum power and economy. A system to suit every type tractor.

Your dealer will give you an Atwater Kent demonstration if requested. Write for literature

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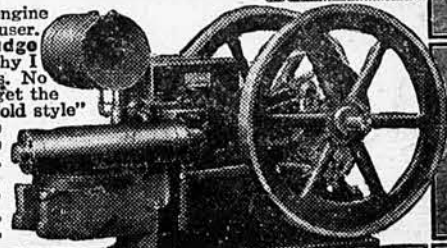
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are all made in the largest exclusive engine factory in the world dealing direct with user. My Free Factory Book, "How To Judge Engines", tells the whole story—tells why I can make a better engine and sell it for less. No need to pay higher prices than I ask to get the kind of an engine you want, or accept an "old style" or "back-number" to save money. Write for my new illustrated factory book and see just what a big offer I am able to make.

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Has been proven by Scientific Experiments and any feeder can easily prove it in his own feeding lot.

THAT:—Four 100-pound sacks of HOMINY FEED will do the same amount of feeding as Five 100-pound sacks of corn.

THAT:—While corn is making 111 pounds of weight, HOMINY FEED, in the same length of time, will produce 123 pounds of weight.

THAT:—HOMINY FEED is cheaper, pound for pound, than corn or corn chop.

THAT:—For young pigs or calves, a wet mash now and then is advisable. HOMINY FEED is ground fine and will make a slop—corn will not.

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Aunt Jemima Mills Company

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Ask Us For Sample and Prices.

MORE WEIGHT WITH LESS FEED AT LOWER COST



Juggling the Hog Prices

Pork Can't be Produced at Present Minimum when the Feed Bill is About \$20.80. Farmers Lose Money

KANSAS farmers responded loyally this year to the urgent request of the government to increase the food production of the nation. They were told that if they would do this that they would be guaranteed fair prices for their products. Almost a year ago today, Joseph P. Cotton, Chief of the Meat Division of the U. S. Food Administration issued the following statement relative to the price of hogs:

"As to the hogs farrowed next spring, we will try to stabilize the price so that the farmers can count on getting for each hundred pounds of hog ready for market 13 times the average cost a bushel of the corn fed to the hogs. Let there be no misunderstanding of this statement. It is not a guarantee backed by money. It is not a promise of the packers. It is a statement of the intention and policy of the Food Administration, which means to do justice to the farmer."

Bad Bargain for Feeders

This announcement was received with confidence by the farmers and many of them decided to continue raising hogs despite the fact that up to that time they had been producing hogs at a serious loss, for in nearly every instance if they had sold the hogs and the corn separately they would have received much more money than they would have received by feeding the corn to the hogs and marketing them as pork. They also lost their time and work which might have been put to a more profitable use in some other line of endeavor. However, when the Food Administration made its announcement last fall a year ago, the farmers believed that they would be able to pay whatever price that might be necessary for corn and feed it to hogs with the assurance that they would not lose by the operation. As a consequence the farmers increased the number of sows bred last fall, and this year raised about 8 per cent more hogs than the year before. Last spring's pig crop is now ready to market which the Food Administration said it would try to make sell at a price that would make each 100 pounds of hog the equivalent of 13 bushels of corn fed into them.

The farmers of Kansas accepted in good faith the promise of the officials of the Food Administration that they would maintain this ratio of 13 to 1 and protect farmers against loss. "It would appear now, however," says a recent issue of Wallace's Farmer, "that the Food Administration does not want to carry out its share of this bargain. Recent announcements are made to the effect that the average packer's drove of hogs will sell in Chicago during the month of October for approximately \$18 a hundred. This is about \$2.50 a hundred weight less than the Food Administration promised to try to make them sell for. It is also announced that a minimum price of \$15.50 will be maintained on hogs. During the next five months hogs must sell from \$19 to \$22 a hundred pounds to maintain the implied guarantee of the Food Administration; and the suggestion that the minimum be maintained at \$15.50 is a most astonishing one to come from any one conversant with the principles of hog production.

Loss is \$3 a Hundred

"Apparently the Food Administration is going to try to justify this cut of \$2 to \$3 a hundred pounds on hogs. It is going to try to make us believe that it is an approach to its guarantee. When the plan was adopted, the price of No. 2 corn at Chicago was \$1.25 a bushel, and the price of hogs at Chicago. Now it is proposed that instead of taking the price of corn at Chicago, the price shall be taken on the farm. This is Jew bargaining with a vengeance. If the price of corn is taken on the farm, why should not the price of hogs be taken on the farm? Such juggling will make a difference of 50 cents to \$1 a hundred less on the price the farmer gets for his hogs. Also it is proposed to consider the price of corn only during the five months just preceding the date the hogs are marketed, instead of the price during the 12 months preceding as was understood when the guarantee was made. In

short the Food Administration proposes to change the terms of the contract to suit its own notion after the farmer has carried his engagement in perfectly good faith."

How Ratio Was Fixed

When the Food Administration came to determine the price of corn as the basis for computing the price of hogs, it further reduced prices by another "sleight of hand performance." The Agricultural Advisory Board of the U. S. Department of Agriculture recommended that the price of corn for the purpose of the ratio be based on the average for the eight leading corn-hog states. Obviously, they were thinking of the eight states which by common consent constitute the corn belt, of which Kansas and Texas are a part. It happened, however, that this year Kansas and Texas had poor corn crops, and two states which no one ever thinks of as corn states, South Dakota and Minnesota, had exceptionally good corn crops. These Northern states are not important hog states, either. Kansas alone produces as many hogs on the average as both combined. As a consequence, much of the Northern corn must be sold, and as these states are relatively far from market, corn is bringing a low price there. Kansas and Texas must buy corn, and corn in these states is high.

It suited Mr. Hoover's purpose, which manifestly is to reduce the hog price to as near the minimum as possible, to say that South Dakota and Minnesota are among the leading corn states of the country and to use the corn price in these states instead of Kansas and Texas in determining the average.

As before stated Kansas and Texas this year both have short crops and very high corn prices, while Minnesota and South Dakota which feed little corn, and sell mostly for export, have low corn prices. This lowers the average corn price theoretically, and thru the operation of the 13 to 1 ratio automatically lowers the price of hogs. If the price of corn by the averaging process in the states mentioned is fixed at \$1.25 a bushel and the Kansas farmer has to pay \$1.50 a bushel for corn at Kansas City, he should receive \$19.50 a hundred on the basis of his actual cost for the corn, but if he has to sell on the basis of \$1.25 a bushel for the corn he would receive only \$16.25 a hundred. That would mean a loss of \$3.25 a hundred on the basis of the corn alone. When we add to this item the risk the farmer has of loss from disease among the hogs, and the cost of freight in shipping, it will readily be seen that on the present basis he is engaged in a losing game. In many parts of Kansas corn cannot be had in sufficient quantities for feeding and will have to be shipped from Kansas City, and the freight paid on this grain constitutes an additional source of loss. Of course it is our misfortune to have a drouth in Kansas this year, but that does not lighten the offense of this price juggling on hogs. Nearly every mail brings many letters to Governor Capper and the Farmers Mail and Breeze complaining about the present unfair arrangement.

Our Crime in Kansas

In a recent letter, W. L. Bailey of Rush Center, Kan., writes: "Evidently, Mr. Hoover thinks we have committed a crime in Kansas by having hogs and a drouth at the same time and that we must suffer for this mistake. Corn used here must be shipped from other places. One dealer at La Crosse is selling corn for \$1.85 a bushel, and another one who has just received a new car of corn is selling it at \$1.75 a bushel, and it is not the best corn by any means. Using 13 to 1 as a basis our hogs should bring \$22.75 a hundred weight instead of \$15.50 which is \$7.25 short of that amount. Shorts and bran are not to be had from our dealers so there is no relief from that source. The mill will sell only one sack a day to each customer and as I live 6½ miles from the mill that would mean a 13 mile trip for every sack of feed. Originally I had 37 sows that were good producers, but

(Continued on Page 9.)

MAGNETO REPAIRS

War Service For Tractors

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

K. W. and Kingston

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

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

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1238 E. Douglass St., Wichita, Kan.



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DON'T feed milk to calves. Feeding high-priced human food to calves is waste. Mature calves early, big and healthy on Blatchford's Calf Meal at ¼ the cost of milk. The other ¾ is clear profit to you. Write for the facts today.

Blatchford's CALF MEAL

Write Today Send your name and address for pamphlet "How to Raise the Finest Calves on Little or no Milk". No obligation, it's free—write today.

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In six to eight weeks we teach auto and tractor course by practical experience with tools. **BIG DEMAND FOR TRAINED MEN.** Largest and best equipped auto and tractor school in the southwest. Write today for FREE booklet "The Way to a Better Job". It explains everything. **WICHITA AUTOMOBILE SCHOOL**
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Capper Blocked the Political Fixers

Editor of Mail and Breeze:

I hope the independent voters of Kansas will not forget on election day that Governor Capper is the man who blocked the scheme of the political fixers to bring back the circle ballot in Kansas. Both branches of the Legislature passed this measure but the Governor promptly vetoed it. It was the most courageous thing ever done by a Kansas Governor. Only the caucus politicians and gangsters wanted to go back to the "straight-ticket" plan for herding the voters on election day by placing a mark in the circle. Governor Capper said it was an insult to the intelligent voters of Kansas. I believe that thousands of independent voters of all political parties will show their appreciation next Tuesday by casting a vote for Capper for United States Senator. We need just such men at Washington.

Wichita, Kan.

WILLIAM ALGER.

New Men in Animal Husbandry

Many changes have taken place in the personnel of the animal husbandry department of the Kansas State Agricultural college during the past year, but today the department is better equipped for efficient service than ever before. Its men are older, more experienced, and better trained.

C. W. McCampbell, professor of animal husbandry, has three degrees from the Kansas Agricultural college—general science, veterinary medicine, and agriculture. He will personally supervise the beef cattle work.

F. W. Bell, associate professor is a graduate in animal husbandry from Cornell University, post graduate in animal husbandry from Ohio State University, and for six years associate professor in animal husbandry at the Texas Agricultural College. Professor Bell enjoys a national reputation as a judge of livestock, is rated as one of the best student judge coaches in America, and is thoroughly familiar with livestock conditions thruout the corn belt and the Southwest. He will have charge of the stock judging team and horse work at the Kansas Agricultural college, and will also act as secretary of the state livestock registry board.

E. F. Ferrin, associate professor is a graduate of the Iowa Agricultural college and a member of the faculty of that institution for the past seven years. Professor Ferrin is an instructor of unusual ability, a splendid judge of livestock, and an agricultural writer whose articles have been very much in demand by the leading agricultural journals because of their practical nature. Professor Ferrin will have charge of the swine work at the Kansas Agricultural college, and hopes to build up herds of swine at the college that will be a source of pride to every breeder in the state.

B. O. Severson, associate professor, is a graduate of the University of Wisconsin, master's degree from Pennsylvania Agricultural college. Professor Severson has also completed almost enough work at the University of Illinois for a doctor's degree. For the past eight years he has been a member of the animal husbandry faculty of the Pennsylvania State college. While connected with this institution he conducted some very practical and valuable work relating to the maintenance of beef cattle and sheep. Realizing the importance of a scientific study of the problems of breeding and the scarcity of men trained and experienced in livestock production who were interested in this work, he took up the study of genetics and now has charge of the teaching and investigations in genetics and animal breeding.

A. M. Paterson, associate professor, is a graduate of the Minnesota College of Agriculture, and the Kansas Agricultural college. Professor Paterson was reared upon one of the historic livestock farms of America and has a Scotchman's instinctive love of livestock. His training and experience make him an unusually valuable man. His services have been greatly in demand as a judge at the leading state fairs of the Middle West. Professor Paterson is especially interested in two phases of animal husbandry that are of considerable interest to Kansas farmers. He feels that there is a great need of sheep on more farms in this state and that more meat could and should be cured on Kansas farms. Pro-

fessor Paterson has charge of sheep work at the college, also the courses in killing, cutting, and curing meats.

J. W. Crumbaker, assistant in animal husbandry, farm manager, and superintendent of livestock, is a graduate of the Kansas Agricultural college. Mr. Crumbaker is a recent graduate who has had considerable experience in breeding and marketing livestock.

G. C. Ware, assistant, is a graduate of the Kansas Agricultural college, class of 1918. Mr. Ware was a student of exceptional ability and is assisting with swine and cattle experimental work.

Juggling the Hog Prices

(Continued from Page 8.)

I could not continue to raise hogs at a loss, so 31 of them were shipped to market and sold to the packers for slaughter. They were all good brood sows. Up to the present time the six sows have farrowed 50 pigs from which I have saved 24. Since I must feed at a loss, I feel that for the pigs lost by the sows I have not been out of pocket so much as I might have been if they had lived. This may not sound very patriotic, but where one must produce at a loss patriotism wanes pretty fast. We have bought Liberty Bonds and War Savings Stamps, but we are trying to quit producing at a loss."

Many other good farmers have written us along the same line. "Why ask a breeder in Central Kansas," writes Arthur A. Patterson of Ellsworth, Kan., "to raise and sell his hogs at the same price in Chicago as the breeders living close to that market? The Kansas man has to pay freight for an average distance of more than 700 miles, and also pay \$1.60 to \$2 a bushel for his corn, which the Illinois breeder can buy for 80 cents to \$1."

Capper Urges Better Prices

In response to these numerous letters Governor Capper immediately wrote Mr. Hoover urging that better prices be guaranteed farmers for their hogs. In this letter it was made plain that a price guarantee of \$15.50 would not insure a farmer against loss on a product which cost him about \$20.80 to create. Mr. Hoover was advised by Governor Capper that with corn costing about \$2 a bushel shipped to farmers in the Southwest, in the widespread region in which the crop was burned up this year, and costing nominally about \$1.60 a bushel in carlots f. o. b. at Kansas City, it would be absolutely impossible to fit a hog for market at any such price as \$15.50 a hundred. The National Food Administration has just announced that it will pay \$17.50 for November hogs, but it seems likely that a strong effort will be made to buy hogs cheaper in December. Especially does this seem true from the efforts that are being made now to pull down the price of corn.

New Date for Inaugural

The inauguration of Dr. William M. Jardine as president of the Kansas State Agricultural college, set for November 6, has been indefinitely postponed because of the uncertainty as to health conditions in the state at that time. A new date will be set as soon as the influenza has been definitely stamped out in Kansas.

Bread and bullets will win the War.

The Blue Valley System



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

This "SYSTEM"

Backed by 150,000

Farmers

—And Everyone Gets MORE MONEY for His Cream

It is unwise to refuse to be open to conviction any longer. That which 150,000 farmers do—is safe and profitable for you to do. Therefore to dispose of your cream to other buyers is equal to selling your farm products at a LOSS.

That loss represents a nice sum, figured by the month or year—in time, enough to buy another cow, a new separator, or pay the taxes.

Save this money—the money that goes into the pockets of the middleman and cream wagon haulers—into rental of local cream stations, cost of horses, wagons, testing equipment, etc.

Selling direct to us wipes out every penny of this unnecessary expense—and you get the benefit.

You not only get the benefit of this saving, but under our system we make better butter, which sells for a higher price—and that makes it possible for us to give you a STILL larger check for your cream.

INVESTIGATE!

Your achievements in farming cannot rise higher than your resolutions. Resolve today to ship us your next can of cream. We guarantee the size of your check will be larger and satisfy you perfectly.

Doing business with us not only brings you a greater net profit from your cows but it affords you the pleasurable satisfaction of immediate delivery of your cream cans and a check by return mail.

The extra profit we pay 150,000 customers is offered to you. Accept it. Ask for details and Bulletin No. 14E. Address nearest creamery.

BLUE VALLEY CREAMERY CO.

(Originators of the Truly Co-operative Creamery System—Established 18 Years)
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WE GUARANTEE

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

BLUE VALLEY CREAMERY CO.

INVESTIGATE:

It means dollars and cents to you. More profits from your cows. Write for Blue Valley Bulletin, Dr. H. B. Favill's book on dairying and stock farming, also further facts about the BLUE VALLEY SYSTEM—

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After Hunting

clean and oil your gun thoroughly with 3-in-One, the standard gun oil. Then it will shoot promptly and accurately the next time you pull the trigger.

3-in-One Oil

has been used for nearly 25 years by hunters, trap shooters, soldiers and marines. Most prominent gun manufacturers pack a bottle of 3-in-One with every gun and pistol and strongly recommend its use. Army text books also recommend 3-in-One for keeping firearms in best order.

Removes residue of burnt black powder; prevents rust and pitting; keeps outside of barrel bright; polishes the stock; oils the action exactly right. 3-in-One never gums or dries out; contains no grease, grit or acid.

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, ask us for these on a postal card.

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Raise Your Calves on

Brooks Best Calf Meal

and Sell the Milk

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

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

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St. Louis, Mo., Dept.

Keep Up Resistance

When resistance is broken down and impurities creep into the blood from any source, health is endangered. The system needs particular nourishment to help build up the blood.

SCOTT'S EMULSION

nourishes the whole system and supplies the blood with elements that tend to maintain its purity.

For pure blood and a well-nourished body and increased resistance, try Scott's Emulsion thrice daily.

Scott & Bowne, Bloomfield, N. I.



18-39



THE most convenient and dependable iron to iron with is a self-heated Carbide gas iron. The farmer's wife who lights her house and does her cooking with Carbide gas can do the family ironing with the same gas burned inside the iron.

The farmer was the first to profit by the discovery that by putting a little Union Carbide (like crushed lime) into a generator about once a month with some plain water, he could have all the home-made gas he could use for lighting, cooking, and ironing.

Of course he found out that Carbide gas was far superior to city gas—more powerful light—richer, whiter, softer—and he told his neighbors.

He told his neighbors so effectually that Union Carbide today supplies the light in over 250,000 country homes.

Some of his neighbors were miners. A miner's Carbide lamp was invented to meet their demands. Today, Union Carbide supplies the light in over 700,000 of these miners' lamps.

About the same time metal workers and machinists discovered they could weld and cut metals quicker and more economically with Carbide gas (when combined with oxygen) than by any other method.

And contractors, stevedores, and other night workers were quick to adopt Union Carbide for flare lamps and torches.

Thus by natural stages Union Carbide has become a powerful factor in all branches of industry.

Write us today for descriptive booklets by mail—FREE

UNION CARBIDE SALES COMPANY

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Peoples Gas Building, Chicago
Kohl Building, San Francisco

Dept. 19.

*That good
Gravely taste!*



Real Gravely is the common-sense chew for men. It is economical. A man gets his tobacco satisfaction out of a smaller chew and fewer of them. The good Gravely taste lasts a long while. Two or three small squares of Real Gravely stays with you

longer than a big hunk of ordinary plug. Each piece is packed in a pouch. These are the plain facts about Gravely Plug Tobacco.

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

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

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

When writing to advertisers don't fail to mention the Farmers Mail and Breeze

Waste Straw Worth Millions

One of the most interesting exhibits at the Chemical Exposition, in Toronto, Canada, says the Globe Democrat, is that of the University of Saskatchewan, Can. It comprises a device invented and perfected by Prof. R. D. McLaurin and his associates, for converting waste wheat straw directly into illuminating and power gas, for use on the farms of the Northwest.

By its use Dr. McLaurin contends that a new value may be created for the straw and the whole problem of farm power—for tractors, automobiles, fuel and heating purposes. His display is a complete working model of the plant, with the gas being made and used in various ways.

"At least 20 million tons are burned or wasted annually in the United States," says Prof. McLaurin. "On a moisture-free basis, the heating value of straw is approximately 8000 B. T. U.s a pound, on air-dried basis 7790 B. T. U.s a pound. The value of straw for heating is, therefore, about the same as low grade lignite.

"The most economical method of utilizing straw is to carbonize it. When straw is heated in a retort, gas, tar and ammonia are given off and a valuable carbon residue remains in the retort. There is obtained 11,000 to 12,000 cubic feet of gas from a ton of straw. Straw or gas may be used for heating the retort in which the straw is carbonized, and from each ton of straw there is a surplus of at least 7,000 cubic feet of gas.

"The heating value of straw gas is approximately 400 B. T. U.s a cubic foot. The gas then from 20 million tons of straw at 7,000 cubic feet to the ton in terms of power would be equal to 2,514,000 H. P. years. The thermal value of a gallon of gasoline is 119,000 B. T. U.s, so in terms of gasoline the gas from the waste straw would be equal to 470 million gallons, which is more than one-sixth of the total production of gasoline in America.

"The combustible constituents of the gas are methane, hydrogen and carbon monoxide. The gas burns with a blue flame and may be used in the same way and for similar purposes to coal gas.

"There are 600-650 pounds of carbon residue obtained from each ton of

straw, the fuel value of which is 10,000 B. T. U.s a pound. The potash content varies from 3 to 6 per cent.

"After the soluble matter is removed from the insoluble carbon residue it may be used for lampblack. It has been valued at \$50 a ton by a well-known authority in New York, so if a market could be obtained for the 6 million tons of carbon residue, it would be worth 300 million dollars."

Farmers National Congress

The Farmer's National Congress and the National Farm Women's Congress, which will meet in Jacksonville, Fla., December 3-6 inclusive, will be attended by leading agriculturists from every state in the Union.

Director of the sessions, B. K. Hanaford, is daily receiving letters from distinguished Americans accepting invitations to actively participate in the deliberations. Many grave and important problems of interest to all sections will be discussed, and these will include farming industries after the Great War is over.

Foreign nations will be represented by delegations chosen by foreign representatives at Washington, this request coming from President Woodrow Wilson. The international interest is apparent because it is conceded that for many years hence the United States will have to provide food products for other countries.

The Chamber of Commerce and the Tourist and Convention Bureau of Jacksonville are arranging for elaborate entertainments for all the visitors, and these will include a free trip to St. Augustine, the oldest city in the United States, a visit to the far-famed Suwannee River, and other points of interest.

The Florida State Fair will be in session in Jacksonville at the same time with distinctive features alone well worth the trip to Florida.

The wheat price should be raised to a point where it would be a profitable crop, but Kansas farmers will almost double their acreage this year in order to meet the needs of the allies whether the present price is continued or whether it is advanced.

A man who is not patriotic enough to go out and vote on election day next week should be disfranchised.

WHY JERRY BOTKIN AGAIN IS THROWING MUD IS TOLD BY A LAWRENCE EDITOR

From the Lawrence Gazette—

"Rev." J. D. Botkin, of Peruna fame, is again in charge of the mud-slinging department of the Democratic campaign in Kansas. Thru the Democratic state central committee at Topeka, Botkin is sending out a three-page typewritten letter of abuse and vilification of Governor Capper which shows the type and trend of mind of the writer. It is the same old stuff that Botkin had exploited against the governor during the past three campaigns, in which Governor Capper's majority has regularly increased. And this last effort by Senator Thompson's campaign committee will serve to augment by thousands of votes the majority of the people of Kansas will pile up for Capper for United States senator on November 5. In one community in this county where Jerry Botkin's letter was received, five Democratic families, in which are twelve votes, all declared that every vote would be cast for Governor Capper and the entire Republican ticket as a just rebuke to that kind of dirty politics. "It is an outrage," one of these citizens said, "for any political party or committee to give circulation to the mouthings of old Jerry Botkin, and the voters will not stand for it. We are doing all we can in this crisis to help win the war and to conserve the health of our people. The party that exploits Jerry Botkin's dirty politics deserves and will meet with crushing defeat at the polls."

But worse than all this is the use Botkin and Senator Thompson's committee makes of the Methodist Episcopal church. On his letter head and envelope printed and mailed and postage paid by the Democratic state com-

mittee, is Botkin's card, which reads: "J. D. Botkin, pastor Methodist Episcopal church, Greeley, Kansas." The great, loyal patriotic membership of the Methodist church of Kansas it is certain, will not permit the Botkin tirade against so clean, loyal and capable a man as Governor Capper to go unrebuked. Governor Capper removed Botkin from the wardenship of the Kansas penitentiary for inefficiency.

When Governor Capper assumed the duties of the executive office in January, 1915, his attention was early called to the bad conditions and mismanagement of the state penitentiary at Lansing. Jerry Botkin, who had sought office at the hands of nearly every political party in Kansas, was warden of that institution. Charges of incompetency and inefficiency flooded the governor's office. The penitentiary had been made a recruiting station for the hackneyed ward-healers of the Botkin type.

The conditions at the penitentiary demanded immediate attention, the legislature, at Governor Capper's request, appointed a committee of representative Republicans and Democrats to go to Lansing and investigate them. That investigation resulted in a unanimous verdict for a change in the wardenship. Governor Capper set about the work of cleaning it up and of making it the correctional institution that it should be. After a full and complete investigation by the legislature, the evidence of Botkin's incompetency was so plain and apparent that he was removed by Governor Capper and Ward J. K. Coddington was appointed to take charge of the institution. That explains why Botkin is not for Capper for senator.

Farmers Can't Get Feeds *Meets All Power Requirements*

Governor Capper Urges Food Administration to Let No Mill By-Products be Shipped Out of the State

FAILURE to receive shipments of cottonseed cake will add seriously to the already embarrassing feed situation in Kansas. Farmers are finding it difficult to get the cake. Many orders filed in September are undelivered. It is reported that the cause of the delay in shipments is the refusal of the mills to accept the price fixed by the government. Complaint to this effect was placed with Governor Capper by a Western Kansas feeder. The governor immediately took up this subject with Walter P. Innes, Federal Food Administrator for Kansas, and urged him to do everything in his power to relieve the situation. In answer to the governor's plea, Mr. Innes said:

"I do not believe there is any disposition on the part of the crushers of Oklahoma and elsewhere to hesitate in selling at the stabilized price. The fact is, I think the demand exceeds the available supply. Then, too, it seems that Oklahoma mills particularly are filling their local orders first."

"A member of our executive committee sells this product and he tells me that he is booking all the orders without making any promise as to date of delivery and he now has about 150 cars on his books. He states that the managers of the various mills for whom he sells wire him as fast as they are able to get the equipment and accumulate one car or more. He then applies it on the oldest order which seems, under the circumstances, to be the best practice to pursue." Mr. Innes says he will take up this situation at once and it is hoped that conditions will show improvement soon.

Little Relief for Feeders

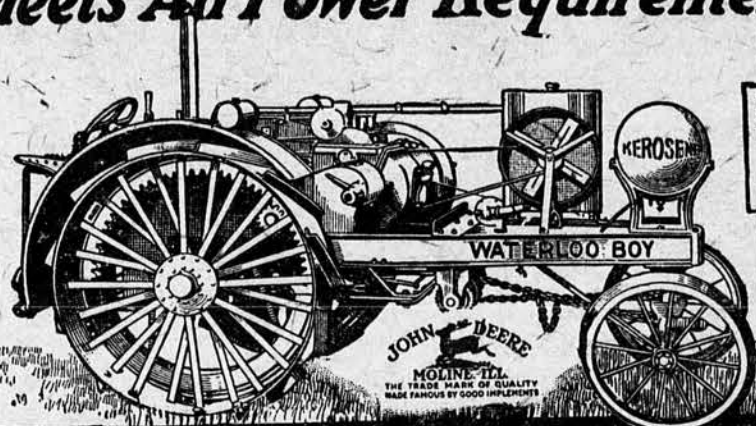
Notwithstanding the report that the regulations of the Food Administration would be modified to permit Kansas mills to retain more of their by-products for sale in this state, complaints continue to reach the office of Governor Capper to the effect that the mills are still shipping out large quantities of bran, shorts, and other feed

stuffs which are badly needed by the farmers and stockmen of this state. W. L. Bailey, of Rush Center, in a recent letter to the Farmers Mail and Breeze writes that shorts and bran are not to be had from dealers at any price and that the mills are selling only one sack a day to each customer. As Mr. Bailey lives about 6½ miles from the mill, that would mean a 13-mile trip for every sack of feed. The serious inconvenience and the impracticability of such an arrangement must be apparent to everyone. Farmers and dairymen in every part of the state are experiencing the greatest difficulty in getting feed stuffs for their livestock. The situation is especially embarrassing to hog raisers who are feeding fall pigs. One of the complaints received by the governor this week was from Arthur Mosse, a leading hog raiser of Leavenworth county. Mr. Mosse stated that the mills of his county were shipping feed to other states and would not sell any to the farmers who raised the wheat which was being ground. The governor made this complaint the basis of another protest against the continuation of this practice to Walter P. Innes, Federal Food Administrator for Kansas. In his letter to Mr. Innes the governor said:

"I enclose you a letter from Arthur Mosse, of Leavenworth, complaining that he is unable to buy feed for his fall pigs and stating that the Leavenworth mills are shipping this feed to other states and will not sell to the farmers who raise the wheat that is being ground."

"I wish to protest against the shipment of mill feeds out of Kansas at a time when the feed situation is most critical in our state and the hog raisers are unable to provide for their stock. I hope some action can be taken that will help the livestock industry of Kansas."

"ARTHUR CAPPER,
"Governor."



Two-Speed
12-25 H. P.
Hyatt
Roller
Bearings
Automatic
Lubrication

WATERLOO BOY ORIGINAL KEROSENE TRACTOR

Experience has demonstrated that this three-plow tractor, with 25 H.P. at belt is the ideal "general utility" tractor for any size farm. Its light weight, simplicity, great durability, ample power and economy give it

The Widest Range of Availability At Minimum Operating Cost

Discriminating buyers are choosing the Waterloo Boy because of its demonstrated success in the hands of users under all conditions; because it is built and fully guaranteed by a responsible manufacturer; because of its dependability in emergencies, unusual fuel economy, and because conveniently located distributors insure prompt and courteous service when needed.

Write for free illustrated catalog giving full information.

Geo. W. Brending, Moline, Ill., writes: "Your tractor has given complete satisfaction. I plowed seventy acres in eight days with a three-bottom John Deere Plow; did most of my discing with it using two 18 in. wheel discs at all times. Kept close record of operating cost—\$2 per day paid for all fuel and lubricating oil when doing a full day's work."



Chas. W. Carlson, Stromsburg, Neb., writes: "Your tractor is O. K. It is cheap to operate—not more than two gallons kerosene to the acre, plowing good depth, with 3-bottom 14 in. John Deere Plow. Plowed old alfalfa, sod pasture, stock and stubble ground without trouble. I use the tractor to pull 28 in. threshers and thresh 33 loads of wheat to a barrel of kerosene."

JOHN DEERE, 503 W. Third Ave., Moline, Ill.

Save \$4.00 to \$6.00 Per Ton on Alfalfa

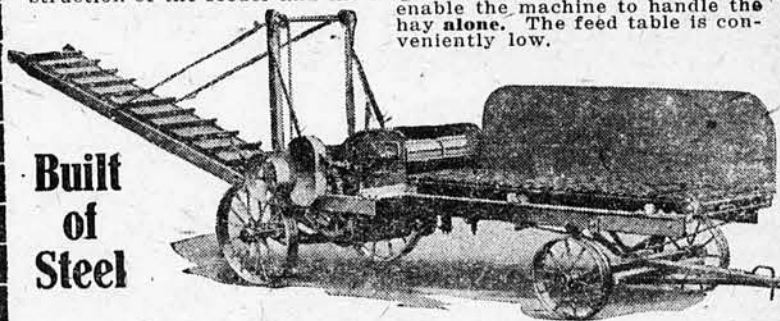
Feeding alfalfa hay to your stock means a loss of 10% to 30% because of unavoidable waste. By cutting alfalfa into meal, or chop, you produce a feed fully equal to bran which can be fed to your cows, horses, hogs, sheep and poultry without waste.

Alfalfa chop means a gain of \$4.00 to \$6.00 per ton if sold or if fed to your stock, instead of alfalfa hay. The chop requires less than half the storage space and it can be cut for less than the cost of baling. Your alfalfa problem is solved by

THE GEHL ALFALFA CUTTER

The Gehl cutter makes a chop of even lengths out of the alfalfa leaves and stems. It does not shred, grind or crush the alfalfa into the undesirable condition of fibre and dust, which are considered objectionable by dairymen and feeders.

The Gehl cutter has a large capacity due to the construction of the knifehead, cutting screen and big wide throat. The special construction of the feeder and the large oscillating compression rollers enable the machine to handle the hay alone. The feed table is conveniently low.



Built
of
Steel

The Gehl is built entirely of steel—heavy triple steel frame—steel carrier or blower—double bearings on all gears; these spell durability and dependability.

Equipment is furnished as required—blower or carrier, attachment for mixing with molasses and other feeds, and feeding platform. At a small cost we will furnish an attachment which will make your Gehl or Silberzahn ensilage cutter an alfalfa cutter.

Write for illustrated circular and sample of chop—or let us know about your requirements. Complete plans will be furnished, without obligation, at your request.

Gehl Bros. Mfg. Co., Dept. 253, West Bend, Wis.

Hoover Indorses American Royal

Official cognizance has been taken of the Twentieth Annual American Royal Livestock Show to be held at the Kansas City Stock Yards November 16 to 23, by the United States Food Administration at Washington. Herbert C. Hoover, United States Food Administrator, and C. E. Yancey, producer representative on the meat division of the United States Food Administration, have joined in announcing the Hoover-Yancey trophies for the best six cars of yearling and 2-year-old war beefs, or short fed beefs shown. Fifteen animals will constitute a carload, altho 18 may be fitted for showing and may be entered, but only 15 may be shown for the Hoover-Yancey trophies.

For the best carload of yearlings and 2-year-olds the prize is \$250 in cash in each of the two classes. The second prize is \$100 and for the third prize carload in each class the amount is \$50.

The amount of money offered for the six cars of prize winning cattle is \$800 and application for entry into these contests, along with the rules that will apply, should be made to W. H. Weeks, secretary of the American Royal, at the Livestock Exchange building, Kansas City stock yards, before October 10, when entries will close. United States Food Administrator Hoover is offering the Hoover-Yancey trophies in token of the support the territory served by the Kansas City stock yards has done in supplying beef for the allies and the fighting Yanks, and also in token of the services of C. E. Yancey, whose home is at Liberty, Mo., has done in assisting the Food Administration in rationing the armies of the entente allies with beef. The war beef production that Mr. Hoover and Mr. Yancey have been encouraging is that which comes from short fed, well covered quick maturing animals, such as can only be produced from the purebred strains.

Be sure to contribute to the United War Work Campaign. The seven organizations represented in it will make good use of your contributions.

Protect Homes Against Fires

Many new fire hazards are being introduced by the fuel shortage. The most serious of these arises from the large amount of soft coal which is being stored in the basements of dwellings, apartment houses and mercantile buildings and on the premises of factories. Spontaneous combustion in this is likely to start fires, and great care should be shown in the selection of coal and in its storage and use.

A great many householders are forced to use soft coal in hard coal stoves and furnaces, requiring careful treatment. The large amount of soot deposited by soft coal is apt to clog the smoke pipes and chimneys and cause forcing of the furnaces, while the fumes and gases from soft coal will have a deteriorating effect upon the mortar in chimneys and thus lead to defective flue fires.

A number of householders are investigating the possibility of using fuel oil and kerosene burners in their furnaces, because of the difficulty in securing hard coal and their unwillingness to use soft coal because of the dirt and soot. This also will introduce serious fire hazards, because of the storage of oil on the premises, and the danger of feed pipes bursting and starting fires. No such appliance should be considered without ascertaining whether it complies with the underwriters' requirements.

Fire hazards which endanger the homes should be watched with special care, as the mothers and children run the greatest risk. All heating appliances should be installed and operated with constant attention to the unusual risks due to the changes in fuel, as well as to their ordinary dangers. President Wilson says, "Preventable fires are a public dereliction," but a preventable fire in a man's home, endangering the lives of his family, should be regarded as a crime under war-time conditions.

Don't forget to buy War Savings Stamps this month.

24 Beauty Culture Lessons 10c

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

Panama Canal Book 10c

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



The Perfect Home Light Lights With Common Matches

NO need, now, to bother with old style oil lamps that smoke and flicker and are positively dangerous. Here's the perfect home light, that makes and burns its own gas from common gasoline and lights with common matches.

The Coleman Quick-Lite

Safest lamp in the world—absolutely no danger of fire or explosion. Fuel can't spill—no danger if tipped over. No wicks to trim—no globes to wash. No dirt, grease, soot or smoke.

300 Candle Power. Brighter than 20 oil lamps. Far brighter than the brightest electric light and 30 times cheaper. Costs less than one-third of a cent per hour. Safer than oil lamps. Cheaper than the cheapest candles.

For safety dealers everywhere. If yours cannot supply, write nearest office for Catalog No. 12

Coleman Lamp Co.
Wichita, St. Paul,
Toledo, Dallas, Chicago.



Take Good Care of Your Live Stock

DO NOT let them suffer from neglect. Keep up their efficiency and value now, when so much is dependent on them.

Keep them free from the pain of strained tendons, the aches and tortures of swellings, lameness, bruises—with Sloan's Liniment. Its use for 37 years recommends it to you.

Apply Sloan's Liniment to the throbbing part and let it penetrate without rubbing. Prompt relief will follow, the pains and aches will subside, better work and better worth will be your reward.

Three sizes—the bigger the bottle the greater the thrift. Get yours today.

Sloan's Liniment Kills Pain

SHOOT'S LIKE A PISTOL

Combination Pocket Knife and Revolver

Not merely a novelty but really a useful "gun-knife." In shape and size same as ordinary pocket knife. In service an ingenious revolver and one of the best hunting knives made. Shoots real .22 caliber cartridges or blanks. Excellent for HUNTER, FISHER or DEFENSE purposes. Always reliable and SAFE. Cannot go off by itself—just as safe as any safety revolver. Keen steel blade, handle nicely nickel plated. When closed, 8 1/2 in. long. Cartridge chamber and trigger when not in use lie concealed in knife handle, just like knife blade. This highly desirable "gun-knife" mailed prepaid for \$5.00, C. O. D. Pay postman \$5.00. Try this wonderful, double utility implement 10 days. If you don't like it, return it and we'll refund your money.

Regular .22 Caliber

RIGGS

U. S. SMALL ARMS SALES CO.
747 No. Lincoln St., Dept. 66, Chicago

With the Home Makers

Getting Ready for the Visit from the Stork

BY MRS. MARGARET A. BARTLETT

LISTEN, Sis," said Beth, who that morning had arrived from the East on a visit, bending her fluffy head over her embroidery and lowering her voice almost to a whisper. "We're expecting a visit from the stork in the spring."

"You dear child," the older woman murmured, rising and putting her arms around her sister. "aren't you and Ralph just the happiest people ever?"

"Yes, indeed—only," puckering her brow in a tiny frown, "the truth is, Elinor, I'm scared blue."

"Scared? Why, child, there's nothing to fear! Look at me with my four healthy youngsters. I should think with such an example before you, you would not have a single fear."

"Oh, I know, Elinor, but if you'd lived back home before Robbie was born, you'd understand how worried I feel. Mother won't let me do a thing for fear I might overdo. Aunt Jane says I mustn't eat meat, and so it goes."

"Beth," Elinor pulled her chair closer. "You must forget everything those poor, misguided folks have told you. You must do nothing out of the ordinary, but you must live in a normal, healthy way. Exercise as you have been in the habit of doing; read what you wish; eat as you always have—well-balanced meals of meat, vegetables, fruits, and so forth. You will, of course, see your doctor occasionally, and he will advise if any change in your diet is necessary; otherwise don't become a vegetarian, peanut-eater, or any other dietetic faddist. And go out as you usually do."

"Of course, you mustn't overdo. No one ought to, for that matter. But you are a better judge of your strength than anyone else. Neither must you do careless things, like going down dark cellar stairs, or out on the ice without rubbers, nor attempt to paper a room, nor undertake to do a big washing when you haven't been accustomed to such work."

"As for marking your baby, oh, Beth child, don't you know that that theory has long been exploded? Children aren't marked by the mother longing for strawberries or seeing a man with one eye. Doctors say it is impossible. A red birthmark is usually due to a ruptured blood-vessel or something of the sort, while a deformed child is the result of some disease of the unborn babe, except, of course, in the event of the mother receiving a fall."

"I've never worried and I've always come thru the ordeal with flying colors, and—just look at those boys."

Beth looked thru the window and smiled at the mental picture of such a sight in her own yard, four ruddy, healthy little farmers, from Robbie, now 8, to 3-year-old Ted.

"Just remember, little sister," Elinor said, rising to settle a boyish dispute, "that the secret of it all is just to keep yourself in the best condition possible, live a normal life and stop your ears to old women's fears."

"I shall," with a relieved sigh, "only Will must take Ralph in hand, and keep him from pampering me to death."

"All right," laughed Elinor, "I'll see to that."

(This is the beginning of a series of articles by Mrs. Bartlett on the care of the expectant mother and the child. Clip this out and watch for the other installments.)

For the Boys "Over There"

Three million American boys on the battlefields of France, in the cantonments on this side, and on our great ships everywhere are fighting the battle for democracy. Back of them is

another army—the fine, untiring men and women on the farms of America who have taken up the additional burden laid upon them by the absence of many of their boys, and by their toll and sacrifice have produced the crops that today are helping to feed the allied world.

Seven great organizations have taken it upon themselves to do for the boys in camp and at the front the things which every parent would wish to do for them if he could. These seven agencies are the Y. M. C. A., Y. W. C. A., National Catholic War Council, Jewish Welfare Board, War Camp Community Service, American Library Association and the Salvation Army. Together these societies represent every one of the best elements in our American life. Their huts are the sol-

dier's church, his college, his library, his club, his theater and his gymnasium.

To provide this comfort; to make the American home follow the American flag, requires money in large amounts. These seven agencies will need more than 170 millions to push their work forward thru the forthcoming months. They have agreed to make their appeal to the public together and that appeal which will be made in the week of November 11 to 18 will offer those who are keeping the home fires burning an opportunity to signal across the seas their support of the boys who are fighting there. Every dollar means cheer and comfort to some boy—perhaps your boy. Will you do your part?

We Must Save Every Scrap

America must ship 17 million tons of food across the Atlantic this year—half as much again as we shipped last year. This means that all the left-over foods such as pumpkins, apples, squashes and tomatoes must be saved.

If cider is to be had, a delicious pickle can be made by cooking quartered windfall apples in boiled cider. Season to taste but add no sugar. The wise woman will boil down some of the cider and bottle it for sirup, sauces and jelly. It makes a delicious jelly with cranberry juice.

Green tomatoes may be brined whole for winter dishes or sliced and brined for pickles or made into marmalade with sorghum or sirup. Sorghum is particularly good in the recipes given below, all of which are recommended by the Food Administration.

Green Tomato Mince-meat—Chop 2 quarts of green tomatoes, or run thru the meat grinder, using the coarse blades and drain off the juice. Cover with cold water and let come to a boil. Scald for 1/2 hour, then drain thoroly. Repeat until the tomatoes have been boiled three times. Add 1 1/2 cups of sorghum, 1 pound of seeded raisins, 1/4 cup of citron, 1 1/2 pounds of chopped apples, 3/4 cup of chopped suet, stir well together and cook until thick. When cold add 1 tablespoon of salt, 1 cup of cider vinegar, 2 teaspoons of cinnamon, 1 teaspoon of cloves, and 1 teaspoon of nutmeg and stir thoroly. Beat and seal in glass jars.

Pumpkin Butter—Boil about 2 hours and stir constantly 1 gallon of cooked mashed pumpkin, 1 quart or less of sorghum, 1 gallon of boiled cider and spices to taste. Seal while hot.

Green Tomato Marmalade—Cut 2 pounds of large green tomatoes in cubes. Crush 2 teaspoons of ginger root and place in a cheesecloth bag. Add 1 1/2 cups of sorghum and 2 lemons cut thin. Cook slowly without stirring until the ingredients are tender and the mixture is thick. Seal while hot.

Convenience— Comfort— Luxury

Good Plumbing—**"Standard"** fixtures—should be in every home which has running water. The family should have the luxury and comfort of these modern conveniences in Bath, Kitchen and Laundry.

"Standard" Plumbing Fixtures

If you have running water or expect to build or remodel, with a water supply, consult your contracting plumber. Ask about **"Standard"** fixtures. They represent highest quality; are the product of long manufacturing experience and offer a wide variety of styles. Look for the **"Standard"** Green and Gold Label. See that it is on the plumbing fixtures you buy. It is an assurance of satisfactory service.

Write for book, **"Standard"** Plumbing Fixtures for the Home.

**Standard Sanitary
Mfg. Co.**
Dept. 210
Pittsburgh,
Pa.



MILK and WAR TIME

In these days of high prices for dairy products, the "poor milker" is more than ever a liability.

But before you sell the cow that is not producing well, try to improve her condition. Her milk value is much greater than her meat value.

Most poor milkers are non-productive because of some defect of health, which can be quickly remedied by intelligent treatment.

Kow-Kure is a medicine that acts quickly on the organs of digestion and milk production. Its widely known tonic and curative qualities have made it the standard cow medicine for the prevention of disease and the treatment of Abortion, Barrenness, Retained Afterbirth, Scouring, Lost Appetite and Bunches.

Give Kow-Kure a trial; it will do for you what it is doing for thousands of others. Feed dealers and druggists sell Kow-Kure; 60c and \$1.20 packages. Send for free treatise, **"The Home Cow Doctor."**

**DAIRY
ASSOCIATION CO.**
Lyndonville, Vt.



Fall Days are Busy Days

MRS. DORA L. THOMPSON
Jefferson County

Stories of gathering walnuts have evidently reminded many of their early days. We have had several inquiries. So far the lad who makes a business of huling them has been able to fill the orders that came. Others, it seems, charge \$1.50 a bushel. There are several boys in the hills who have hulled a supply for sale. It would be a good scheme for them to pool their product and advertise in some paper. Some of them have signboards at the gate but the car is usually past the gate before one realizes what the sign reads.

A reader in western Kansas has asked why the sorghum makers do not advertise their sorghum as the people in that section would be glad to get some. Most of those who make sorghum near here make up their own cane and very little if any more. Help is so scarce that many of them say they cannot expect to make any next year. Those who make in any quantity have usually sold all but a barrel or two to commission firms. They would doubtless do better if they sold directly to the consumer by advertising.

If we could do so, we should complete the fall housecleaning each year by a grand painting of outside and inside. Paint is something like charity—it covers a multitude of sins. We often think of a farm home in Oklahoma. One had to look closely to discover that both barn and house were rather old buildings. They were so well painted that they always looked new and well kept. The interior of the house was painted in a light shade of blue and the walls, in part, kalsomined in tan and in light yellow. The darkest day in winter couldn't make the house seem gloomy. A barrel of paint now costs more than \$100. The painting of many buildings would cost quite a sum. The small amount needed for interior work, tho, does not cost much and can scarcely be spent so as to improve appearances more for the sum used.

A neighbor who once lived in Minnesota where houses are built to keep out the cold is remodeling his house. He had four ply of paper between the boarding and the siding in Minnesota. Here there is none and for a while he thought of taking off the siding and putting on paper. Instead, he is covering the whole house with metal lath and a coat of stucco. To us, this is a new scheme for making a house warmer. It ought to answer the purpose and require less work than removing the siding.

November First has been set as the day we should clean our chimneys and stove pipes. We do not need a set day to remind us that such work must be done. One fire experience has made an impression that will last for awhile. Chimneys here are not dangerous as they reach to the cellar floor but some long stretches of stovepipe are. They are in use most of the time, however. The first real cold weather usually is the cause for many fires. Fires are started in stoves little used or hastily set up and neglected flues are traps for the sparks.

The most difficult room in the house to clean is the store room. The best

Butchering Letters Wanted

We must conserve every scrap of meat this year at butchering time in order to have that much more to send to our soldiers and allies who need food. In order to help other housewives in doing this, readers of the women's page are asked to write a letter telling how they care for the meat, how they can it, and giving any recipes or hints that would be helpful at butchering time. There will be a prize of \$1 for the best butchering letter received.

There will also be a prize of \$1 for the best letter giving suggestions for useful Christmas gifts or telling about a successful Christmas party or community Christmas tree. Address all letters to the Editor, Women's Pages, Farmers Mail and Breeze, Topeka, Kan., by November 25.

farm seed is stored there, boxes of clothing and odds and ends. We have used whole grain sacks for some woolen comforters and the like this year. These tied securely and hung up are moth-proof. The boxes of clothing, strong with the odor of moth balls, are not entirely free from moths. If the boxes had been of cedar wood and close fitting they would be moth-proof. We plan to place hinged lids and castors on some covered boxes to be used for children's shoes and caps and mittens. These boxes, we are told, may be saturated with oil of cedar and used for the summer storing of winter clothing.

Books Boys and Girls Like

Christmas wouldn't be Christmas without a few gifts but there will be no room on the tree for any but useful presents this year. A good book is the most useful of gifts for a child. The following is a list of books which a child from 7 to 12 years can understand and enjoy. It may help you in choosing books for your children. The name of the author is given first, then the book, and last the name of the publisher of the book:

Amieles—Cuore (called also "Heart")...Crowell
Baum—Wizard of Oz...Bobbs
Burnett—Little Lord Fauntleroy...Scribners
Burnett—Editha's Burglar...Estes
Carroll—Alice in Wonderland...Macmillan
Carroll—Thru the Looking Glass...Macmillan
Carroll—Admiral's Caravan...Houghton
Carroll—Davy and the Goblin...Houghton
Collodi—Pinocchio...Ginn
Crank—Little Lame Prince...Crowell
Dodge—Hans Brinker...Scribners
Ewing—Story of a Short Life...Lippincott
Ewing—Jackanapes, Society for Chronical Knowledge, Lob Lie by the Fire...Macmillan
Graham—Golden Days...Houghton
Hale—Peterkin Papers...Century
Kelley—Little Citizens...Century
Kipling—Captains Courageous...Century
Kipling—Jungle Books...Century
Kipling—Puch of Pooks Hill...Doubleday
Kipling—Rewards and Fairies...Doubleday
McDonald—The Princess and the Goblin...Lippincott
McDonald—The Princess and the Curdie...Lippincott
McDonald—Ranald Bannerman's Boyhood...Lippincott
Martin—Emmy Lou...Doubleday
Ouida—Bimbi Stories...Lippincott
Ouida—Dog of Flanders...Lippincott
Pyle—Robin Hood...Scribners
Shaw—Castle Blair...Heath
Richards—Captain January...Estes
Wiggin—Bird's Christmas Carol...Houghton

Be Your Own Dressmaker

Crepe de chine, Georgette crepe or any soft woolen materials are suitable for ladies' shirtwaist 8980. The waist has a shaped band at the neck and the lower section is softly gathered to it. Sizes 36, 38, 40, 42 and 44 inches bust measure.

Misses' and small women's dress 8996 would be very stylish developed in blue serge and trimmed with a black silk sash and a black fringe on the edge of



the peplum. Sizes 16, 18 and 20 years. The plain waist of girls' dress 8976 has an inset vest with rounded upper edge. The collar, belt and pockets are of contrasting material. Sizes 6, 8, 10, 12 and 14 years.

These patterns may be ordered from the Pattern Department of the Farmers Mail and Breeze, Topeka, Kan. Price 10 cents each. Be sure to state size and number when ordering.

Great Majestic

"The Range with a Reputation"

The Nation's needs come first

The U. S. Government must have metal for ships, munitions, guns. Help win the war by helping to

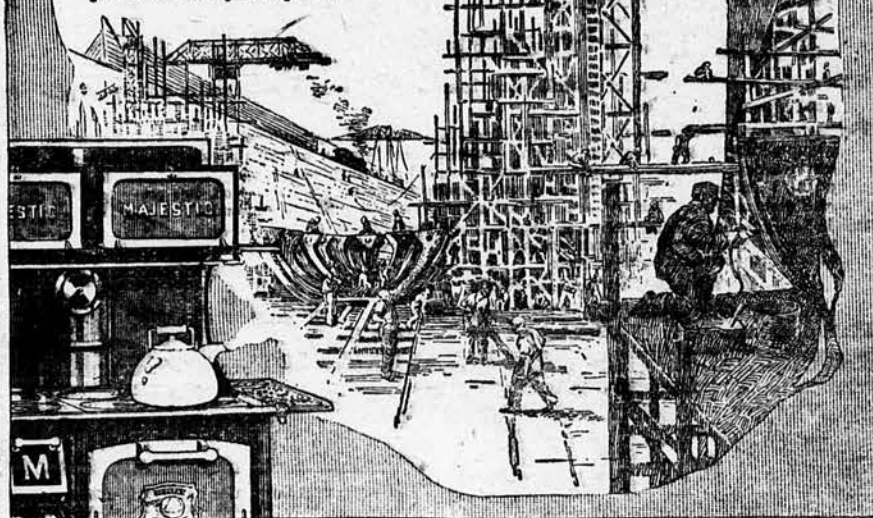
save iron and steel—
don't buy a new range

now unless you must. Put the old range in good repair, and get along with it another year. If you can't, then buy a Majestic—the range that saves fuel because it is heat-tight, saves food because it bakes right, saves repairs because it is built of unbreakable malleable iron and rust-resisting charcoal iron.

Sold by leading dealers in every County of 42 States.

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

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



Free Catalog in colors explains money on Farm Truck or Road Wagons, also steel or wood wheels to fit any running gear. Send for it today.
Electric Wheel Co.
30 Elm St., Quincy, Ill.

LEARN TELEGRAPHY
Young men and women attend on credit. A practical school with railroad wires. Owned and operated by the A. T. & S. F. Ry. EARN FROM \$75 to \$165 PER MONTH. Write for catalog.
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American, French, British Banners Just the thing for decorating school rooms, halls and business houses. We will send one set of three banners for 10 cents or three sets for 25 cents. Novelty House, Dept. A. F. B., Topeka, Kan.

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.

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, Vangle 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.

GET Your Cream Separator NOW!

ONLY \$2 Down
A Year to Pay

on This Easy Self-Earning Plan

You won't feel the cost at all. The machine itself will save its own cost and more before you pay. We ship any size separator you need direct from our factory and give you a whole year to pay our low price of only \$38 and up. Read what Alfred Geatches, No. Jackson, O., says: "We are getting more than twice the cream we were before. The separator is very easy to clean and runs very easy. Why not get a fully guaranteed New Butterfly separator for your farm and let it earn its own cost by what it saves?"

NEW BUTTERFLY \$38

Cream Separators have these exclusive high grade features—frictionless pivot ball bearings bathed in oil, self-draining bowl, self-draining milk tank, easy cleaning one piece aluminum skimming device, closed drip proof bottom, light running cut steel gears, oil bathed. Guaranteed highest skimming efficiency and durability. We give

30 Days FREE Trial — Lifetime Guarantee.

against all defects in material and workmanship. We ship you the size machine you need, let you use it for 30 days. Then if pleased you can make the rest of the small monthly payments out of the extra cream profits the separator saves and makes for you. If you are not pleased just ship the machine back at our expense and we will refund what you paid. You take no risk. Write for FREE Catalog now.

ALBAUGH-DOVER CO., 2177 Marshall Boulevard, CHICAGO



Get More Eggs Waste Less Feed

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Pratts Poultry Regulator

The sure-fire egg-producer which has triumphantly stood every test of nearly a half-century of general use.

Pratts Poultry Regulator is not a severe stimulant which gives but temporary results. It does not force but induces hens to lay because it builds them up naturally, puts them in such fine physical condition that regular egg-production is bound to follow. And it keeps them laying right through the period of high prices. It assists the birds to thoroughly digest and make use of every particle of food, thus prevents waste and reduces feed costs. Test it with a part of your flock and compare results.

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

Write for new Poultry Book—FREE

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

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The Celebrated Mueller Saddle.

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



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

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Not Seconds, Fresh live stock with serial numbers and factory guarantees for 3,600 6,000 miles in Pennsylvania Vacuum Cup, Goodyear, Firestone, National Highway, Etc. Don't pay high prices—order from us—save from 15 to 40 per cent. Defiance Puncture Proof Tubes guaranteed 6,000 miles or a new tube free.

Nat'l Highway	Non-Skid	Tubes	Puncture Proof
30x3	\$11.35	\$2.45	\$5.25
30x3 1/2	14.75	2.75	6.00
32x3 1/2	17.45	3.20	6.70
31x4	22.95	3.85	8.00
32x4	23.50	3.95	8.20
34x4	25.10	4.20	8.50

Order National Highway from above prices, C. O. D. subject to examination. 2% off for cash with order. Advances probable—order now. Write for prices on Goodyear, Pennsylvania and other makes.

A. H. JENNINGS & SONS,
1806 N. 7th Street, Kansas City, Kas.

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Publisher Farmers Mail and Breeze, Topeka, Kan.

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

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For Our Young Readers

Girls on the Farm Pulling for Victory

BY CARRIE D. McCOMLER

EVERY GIRL pulling for victory." This is the slogan of the Victory Girls.

To be a Victory Girl, a girl must pledge herself to earn and give to her utmost for war work. Many communities are making \$5 the goal. In many places, the mark is much lower.

How can a school girl earn money? All over the land the girls are asking it. Some of them are already involved in enterprises that are bringing in much more than \$5. But the spirit is the thing and the self-denial involved.

When President Wilson requested seven national organizations to combine in one campaign for the funds which they would need for their war work during the coming year, everybody throughout the country was automatically lined up, girls and boys with the rest.

Six of the societies uniting, are working directly with soldiers, sailors and aviators who are in training camps here and abroad and also in actual warfare. They are the Y. M. C. A., the National Catholic War Council and Knights of Columbus, Jewish Welfare Board, American Library Association, War Camp Community Service and Salvation Army. The remaining one, the Y. W. C. A., concerns itself with women friends of the men in the service and with girls who are employed in government work in offices and factories. The organizations together make a gigantic concerted movement to keep the spirits of the fighters and workers at their best in order that the Hun may the sooner be defeated.

The Victory Girls and Victory Boys are the earn and give division of the United War Work Fund Campaign for 170½ million. Miss Gertrude Gogin, Girls' Work Secretary of the national Y. W. C. A., is secretary of the girls' division.

Every farm has some product that the girls can utilize in some money making scheme. Just now thousands of bushels of good apples in many parts of the country are going to waste because the farmers have not time to gather them. Here is a chance for the girls to do double service, earn money for the big campaign and also help the Food Administrator by saving the apples. It would not take an extraordinary amount of time to shake the apples from the trees, pick them from the ground and market them in the nearest town. There are other apples, too, the ones that are usually left for the hogs because they are not worth the time it takes to pick them up. Taken to the community cider press or made into jelly or apple butter, they would be sure to bring in enough to pay for the effort.

Every girl who lives in a bean section knows about sorting the good beans from the gravel and the broken and discolored ones. Here is a chance for girls, for help is so difficult that many a neighbor, if not home itself, would be glad of an hour or two a day on this work.

The poultry yard is a never failing source of revenue under normal conditions. Many farmers cannot take the time to get the retail price for eggs by selling them in small quantities. A daughter might work up a special list of customers by using the telephone and then see that the eggs are delivered. After paying her father the wholesale price which he is accustomed to receive she would have a balance for her war fund.

Every poultry yard has fat cockerels which would bring extra prices if they were picked, dressed and cleaned. Special customers can again be found over the telephone. The reward for the work involved would be the difference between the usual and the dressed price.

One girl is making up weekly hampers for special customers. She began by sorting the potatoes, grading and washing them and selling them at an advance of the price that the regular grades brought. Then she did the same thing with some of the vegetables. Now she fills six baskets a week for

as many small families, putting into them a little celery, a head of cabbage possibly, some turnips, potatoes for baking, a few extra fine apples and sometimes a small pumpkin. After paying her father his regular price she has a very satisfactory balance.

Nearly all farms have more or less junk lying around which, in these times of help shortage, no one has time to dispose of. The old iron, automobile tires and all of the rest of the unsightly rubbish can be assembled, sorted over and sold to second-hand shops and junk men.

Old broken furniture not infrequently yields fine timber for which cabinet



Every Farm Girl Can Help

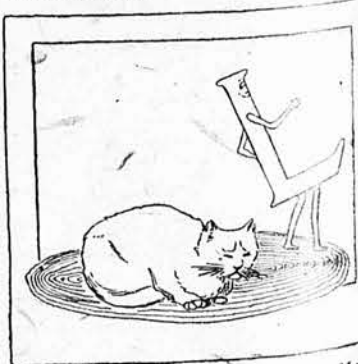
makers and lumber yards would gladly pay well if they knew of it. Many an attic in the farm house has cast off clothing put away that might be brought to the air and disposed of to peddlers or to persons who are making rag carpets.

Whatever enterprise a girl adopts to earn her part of the big fund, a few good old rules should be remembered. First of all use all the resources at hand and make free use of the telephone and automobile or wagon in whipping up trade or delivering orders. Girls who have felt the most delicate about selling farm products in their home communities are doing it now for the war fund's sake. "You buy at the store, why not buy of me, it's all for war work," is getting to be a familiar plea over the wires. Above all things, keep your word to the letter whatever the enterprise, in quantity quality and time of delivery. To do your part in the great struggle for world liberty, earn and give to the extent of your ability.

[From Charles Dillon, Director Rural Publicity, United War Work Campaign, 51 Madison Avenue, New York.]

What Animal is Represented?

This puzzle represents a kind of animal very useful to mankind. If you can guess the answer, send it to the Puzzle Editor, Farmers Mail and Breeze, Topeka, Kan. There will be packages of postcards for the first five boys and girls sending correct answers. Give your name, age, county and post office address.



Solution October 19 puzzle: Mother Goose riddle: Jack Spratt could eat no fat, his wife could eat no lean; so between themselves, you see, they licked the platter clean. The prize winners: Albert Hall, Farmington, Kan.; Genieva Toms, Tecumseh, Kan.; John P. Updegraff, Holton, Kan.; Eleanor Meyer, Nashville, Kan.; Ruth Vennum, Columbus, Kan.

The Kansas wheat harvest is encouraging but the demands are many and wheat conservation must be maintained.

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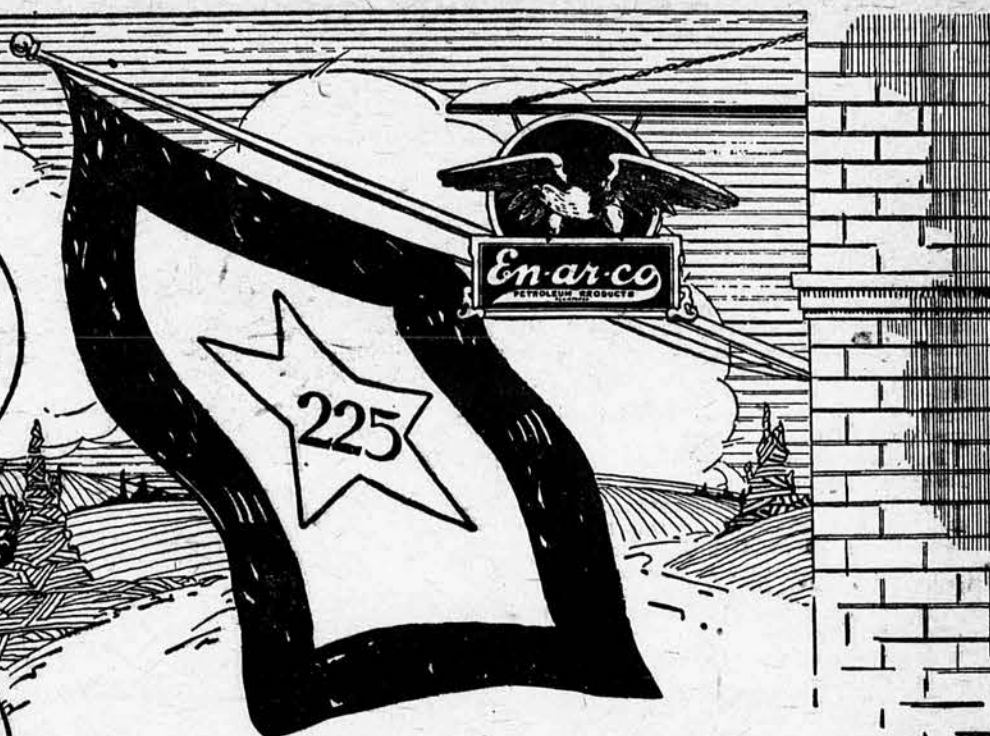
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Raise Crops Without Rain

Supplementary Irrigation Makes Farmers Independent

BY EDWARD C. JOHNSON
Kansas State Agricultural College

THERE has been much interest in irrigation thruout the state as a result largely of what has been accomplished in irrigation in Western Kansas and in some Central and Eastern Kansas counties where supplementary irrigation has been practiced for a number of years. Various methods of irrigating have been urged—windmill irrigation, the construction of dams in surface streams, and irrigation by pumping.

For the supplementary irrigation in Eastern Kansas irrigation by pumping probably is the only method that will be used. Rainfall in this section varies from 24 to 35 inches, or more, but often the weather is unseasonable. Water for irrigation is plentiful in many of the valleys and can be had from the rivers or streams or by pumping at depths of 8 to 35 feet.

The acreage for which supplementary irrigation is possible is very large, but there are no figures on which accurate estimates can be based at the present time. Fourteen practical irrigators in Washington, Shawnee, Sedgwick and Cherokee counties have been interviewed, and with two exceptions all favored supplementary irrigation and would not farm without it where now located. The crops irrigated and recommended for irrigation by these practical men, are alfalfa, corn, potatoes, apples and truck and garden crops such as melons, cantaloupes, sweet potatoes, cabbage and tomatoes. Two of the irrigators who have had considerable experience do not favor irrigation of potatoes, however, inasmuch as they can produce good crops anyway and often after irrigating the potato crop

a rain comes and there is too much water for the crop. The majority favor the irrigation of alfalfa and corn.

Orchard crops, truck crops and garden crops for the home can be irrigated to great advantage, but with these crops—particularly the truck and garden crops—overproduction is easily possible, especially where there

and one of them for 23 years. The area irrigated by these farmers varies from 10 acres of corn on one farm, to 45 acres on another, with an average irrigated area of 27 acres. All five irrigate corn primarily, with potatoes as a side line. The cost of the plants on these farms varies from \$140 to \$250 where the pump alone is considered, up to \$2,000 on the farms where pumps and engines are provided. Where the pump alone is considered usually there is a farm tractor or stationary gas engine which is used during the process of irrigation.

Near Wichita, also, is a large farm where 155 acres of alfalfa and corn are irrigated, the cost of the plant

gations. Where two irrigations for corn are given the amount of water applied is estimated at 2 to 3 inches for each irrigation—or until the "soil is soaked." Several state that 6 inches are applied once, and one reports that on alfalfa he uses 10 to 15 inches.

The increased crop due to irrigation is variously estimated. On the general farm where corn is irrigated the increase is given as 20 to 65 bushels of corn an acre in 1917, and 25 to 50 bushels of corn and 75 bushels of potatoes an acre in 1918. The increased yield of irrigated orchards is estimated by the owners as 25 to 50 per cent in both quantity and quality. Two of the farmers in Washington county who irrigate corn, state that their plants meant an additional net profit of \$2,000 in 1918. One of these plants cost the owner \$1,000, and the other cost \$1,907. One man reports a profit of 35 bushels of corn an acre on 10 acres, and another reports 50 bushels of corn an acre on 25 to 30 acres. The last mentioned irrigator states the irrigation plant means the difference between a half crop and a full crop one year with another.

Two potato growers in the Kansas Valley east of Topeka have irrigation plants installed but after using them for a little while they discontinued their use, and grew their crops of 1917 and 1918 without irrigation. In 1918 one of these potato growers raised 250 bushels of potatoes an acre without irrigation.

Near Columbus, Kan., two irrigators use the "Skinner" system of irrigation for truck crops, one irrigating 6 acres and the other irrigating 2½ acres. The original cost of the plants was \$1,200 in the one case, and \$350 in the other. Both these men used the city water from Columbus, the cost of the water being 15 cents for every 1,000 gallons used. Both irrigators estimate that the increase in production due to this irrigation, over the average production without irrigation, is 50 to 75 per cent. While one of these men considers his plant still in the experimental stage, the other says he would not do truck farming without irrigation.

One of the most enthusiastic irrigators interviewed was Schuyler Jones of Wichita, who irrigates 155 acres, having practiced irrigation since 1914. He has a plant which cost about \$3,300 and is irrigating out of four wells. He estimates that he raises one-third to one-half more on every acre as a result of irrigating. The distance to water is 21 feet and his wells are 63 feet deep. The water level in the well is lowered 14 to 16 feet when pumping at the rate of 2,000 gallons a minute. "I have never missed a crop of alfalfa or corn," says Mr. Jones, "since I put in my irrigation plant. I cannot say too much for irrigation; if I had 40 farms in the Arkansas Valley I should have 40 irrigation plants."

Most of the irrigators in Kansas complain about the shortage of labor, this being one of the chief drawbacks to supplementary irrigation during the war period. It is the consensus of opinion of those who irrigate—the potato growers excepted—that irrigation will pay well on corn and alfalfa and on fruit and truck crops where there is a good market for these crops.

The limiting factors now in irrigation development are material and labor. Much development in irrigation can be expected in the valley lands of Central and Eastern Kansas after the War when labor and materials become more abundant. This development should consist largely of the irrigation of alfalfa, corn, and apple orchards. Orchards can be overdone—so can potatoes and truck crops. Corn and alfalfa supplement each other as feeds, however, and since it has been demonstrated that irrigation will pay on these crops there is no doubt that as the population increases and the call for land becomes more insistent there will be much development of irrigation in connection with dairying and hog farming and in the feeding sections of the state.

New Zealand is barely holding its own, and by virtue of increasing dairying and general farming, flocks in this country are being reduced materially year by year. There are not nearly as many sheep in South America and Australia today as there were a few years ago.

Every patriotic citizen should go to the polls on election day and vote.



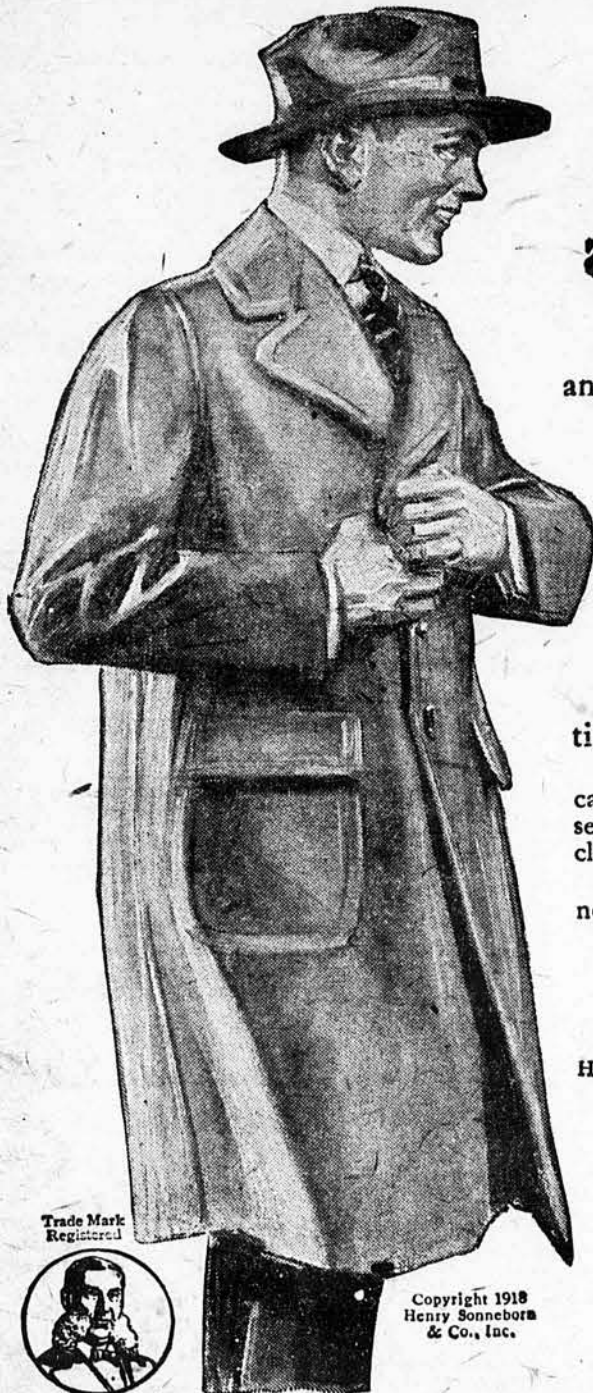
This Reservoir is Formed Along a Draw to Supply Water for the Liberal Irrigation of Alfalfa and the Sorghums.

are no large cities. Therefore, if there is to be any large development in irrigation in Kansas it must be with standard crops such as alfalfa and corn and apple orchards.

The best example of supplementary irrigation on general diversified farms in Central and Eastern Kansas is found in Washington county, around Hanager, where at least five farmers practicing diversified farming have used irrigation for two years, four years,

being about \$3,300. At Belle Plaine is a large orchard of 200 acres irrigated by a plant that cost \$5,000.

The acre cost of irrigation, as given on the five farms in Washington county, ranges from \$3.10 and \$6.87 for 1918, with an average of \$5.50 an acre. The capacity of the plants ranges from 35 to 100 acres. Usually only one irrigation is given during the year—sometime in July or early August, as the season demands. Some give two irri-



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Breeding Horses for Profit

The War is Increasing Demand for Draft Animals

BY W. L. BLIZZARD
Specialist in Animal Husbandry



Purebred Sires Can be Purchased in Many Communities by Neighborhood Co-operation. Why Not Get Together?

THE European War is a stimulating agent for the draft horse industry of the United States. It is the West's and America's opportunity to breed good draft horses.

In general thruout the horse market, and also over the farming districts, one will find many horses that are lacking in the good points that are so characteristic of a long-lived, long-enduring work horse. Many of the horses have poor quality, lacking in depth of body and depth of flank and cleanness of bone. But are farmers not coming to the conclusion that such horses do not pay for their feed, and are they not trying to dispose of the same, hence the market is overstocked with horses of no particular individual merit. The European countries have given the American farmers and breeders an opportunity to dispose of many of the worthless light truck horses, and because they cannot get all of what they desire, they are taking what they can get at the cheapest price. There will never be a ready market for the scrub, and the horsemen in general are realizing that fact and are not going to breed that class of livestock.

Buy Purebred Stock

Older countries have taught us to breed only good stock, and now is our chance and opportunity to put into practice that which we have learned by observation. The Western horse breeder can improve the average crop of colts by attention to mating animals that in every way "nick." The next step should be a more rigid selection of stallions to mate with the purebred mares and grades thruout the country. The large breeders can more easily cope with this problem. It is difficult for the small breeder to find suitable sires. The small breeder can best solve this problem by "community breeding."

It is also necessary to have a good mare if you expect to raise good draft horses. If you do not own the right kind, sell the wrong kind and buy the good kind. Next, breed them to the right kind of a sire. The service fee may be \$5 to \$10 more, but there will be more than \$5 to \$10 difference in the colt sired by the best stallion when they are of selling age.

Sell your horses when you find a buyer at a fair price. This is the rule of successful breeding. Don't get overstocked so that you cannot provide proper shelter, feed and care. If you have several good brood mares, stock will accumulate if you do not sell at the proper time. It is much more profitable to take good care of a few than to give poor care to a large number.

Meet the Market Demands

A mistake that is often made in breeding is for the farmer to breed the kind that suits his fancy and does not suit the market demands. He argues that for his own use he prefers a horse that will weigh about 1,200 pounds, and for this reason he will have horses of about this weight. This may be all right if he is growing them for his own use. If he regards a heavy draft horse as too large for his purpose, it may be all right for him to grow the kind that suits him; but if he is growing horses with a view to selling them when they reach a salable age, surely it is the best plan to grow the kind that will bring the highest dollar. If the farmer

will recognize and avoid these mistakes and grow horses such as the market desires and will pay for, and avoid haphazard breeding without purpose, there is every reason why horse breeding can be made a profitable branch of farming.

Most farmers have good pastures on which the growing horses can get necessary exercise. This is essential to the making of good horses, and the farmer by keeping the bulk of his farm power in the form of mares suitable for breeding, can make them pay their way outside of the matter of raising colts for sale.

To grow the right kind of horses for which the farm is adapted, and which will at the same time bring a good price, it is necessary that the mares kept on the farm shall have good scale, weighing from 1,500 pounds and upward, and that they shall be bred to a really good sire that will produce colts which, when properly fed and cared for, will mature into horses considerably heavier than their dams.

One thing must be borne in mind, and that is that we are living in a progressive age, and a progressive country, where the man who can produce the best article will realize the best market price, and the man who cannot compete with him will be forced to drop out.

Farmers generally desire better horses than they have heretofore been satisfied with, and the man who can supply this demand will reap the reward. "Try to make the horse you raise as good as any of his kind."

Stay by one breed. The man who begins with one breed of horses and

then suddenly introduces another breed as a cross, loses everything he has gained in the first cross, and by his own action deliberately kicks down and knocks to pieces all he accomplished before. To breed drafters of weight and quality you must mate "big stallions with big mares" and "feed and grow them." There is no other way it can be done, and you cannot breed good sellers from great, rough, unsound horses, mares or stallions.

Quality sells for just as much in a drafter as it does in a Hackney. The drafter must be sound and have size, shape, substance, quality and action. Never did buyers feel like discriminating more keenly than they do now. Therefore the man who raises horses in the next few years must use good judgment or he will come to grief.

Texas Cattle to Georgia

It is reported that as a result of a recent meeting in Atlanta of the agricultural agents of all of the railroad lines in the Southern region, the importation of Texas cattle into Georgia as an emergency measure to prevent loss of livestock on account of shortage of feedstuffs in the Lone Star state, will be begun without delay.

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Dr. L. D. LeGear, V.S. (in Surgeon's Robe), Graduate of Ontario Veterinary College (Toronto, Can.), 1892. National famous specialist in treatment of stock and poultry. 26 years actual veterinary practice.



Dr. LeGear's Stock Powders



Wyandottes are the Best

Purebred Fowls Bring More Profits than Mongrels

BY MRS. J. C. WHITE

NEARLY SIX years ago, at the death of my husband, I realized for the first time that I would have to earn a living for myself and my children. I tried clerking in a grocery, dressmaking, washing and many other kinds of hard work, all with about the same success—or rather failure. I saw that I must have some sort of business, and one that would bring in a greater profit than I could make working for wages.

Poultry was the first thing that looked promising, so I determined to try it. I began with about 40 fowls, all "scrubs" that I picked up here and there. I read all the books and papers on poultry raising that I could get. While these taught me many useful things, I soon learned that the main thing to do was to "do for myself"—learn by actual experience.

Don't Buy Mongrels

And here I began to regret my purchase of the mongrel chickens, for while one paper advised the breeding of one kind of fowl and another paper advised some other kind, all agreed that "scrubs" were worse than useless and, I quickly found it out for myself.

After the purchase of the chickens and the building of a poultry house, fence and other small improvements, I had but little money left. But at the first opportunity I used that "little" for buying a small stock of Wyandottes. I finally had decided upon these, after careful observation of other poultry farms, and because of the advice of a practical poultryman in an adjoining state.

I had none too much land, for my

place was in the suburbs, so the first thing I learned was to conserve my resources. And as there are many persons in that condition—without large ground space—who would like to raise chickens for the market, as well as

raise poultry but cannot decide upon the breed, I will say that of the various kinds of livestock, poultry is most widely adapted to suburban conditions for several reasons. It can be handled successfully on a very small amount of land. This I have proved to my own and my neighbors' satisfaction. As to the breed of fowl, there are many things to be taken into consideration, such as locality, variety of feed to be used, and whether you wish to raise mostly poultry or eggs for the market. I like the Wyandottes, above all, but

coming more and more necessary. The care of the chickens is pleasant work, easy to learn, and may be done by any or all members of the family. Eggs and dressed poultry are always in demand, and becoming more so every day. Last, but far from least, they will prove a most welcome addition to the family larder.

I found that hatching and brooding or rearing of chickens under hens was the best method to use where, as in my case, a comparatively small number of chickens were to be raised, and this is especially so if the care is likely to be irregular. Of course, after my stock grew larger, I used incubators and brooders, but this will increase the cost of equipment considerably. I found that chickens could be reared under hens quite successfully by keeping the hens confined in the brood coop, while permitting the chickens to roam at will.

Change the Range Often

When many fowls are kept in a small space the ground becomes so foul that in time it is difficult to rear chickens with any measure of success. I learned that in order to avoid this condition it was advisable to divide the lot and sow part of it in quick growing grain. I generally used oats or rye. By this method my yards were rotated every three or four weeks during the growing season. I turned the hens into one plot of growing grain when it was a few inches high, then later into another plot. I had divided my ground into four spaces for this purpose.

The principal points to observe in poultry houses are fresh air, dryness, cleanliness, and sunlight and space enough to keep the birds in comfort. I allowed 4 square feet of floor space for every bird. I experimented some in egg-laying rations, but found that the very best was a mixture of dry mash consisting of equal parts of cornmeal, bran, middlings and beef scrap. I kept this in a hopper before the birds all the time. As a scratch ration, I gave them equal parts of corn, oats and rye, fed in a litter about 4 inches deep, twice daily.

I regulated this feed so the birds would eat about half mash and half scratch grain, which meant feeding about 1 quart of mixed grain daily to 14 hens. If the table scraps contain even a small amount of meat, it may be substituted for the beef scrap in the mash; and, of course, a moist mash is just as good as the dry.

It takes a healthy, well-fed flock to produce eggs, but fowls must not be made too fat, for few eggs will be laid by hens in that condition; therefore it is best to make them work for most of their feed by scratching in the litter. This litter may be of straw, chaff or leaves, and must always be kept dry.

Of course, in some parts of the country, certain grains cannot be easily had, such as corn and oats, but I found that a mixture of kafir, rye and barley gave excellent results in egg-laying; also, if possible in winter, some green feed should be given them, such as cabbage or mangel-wurzels, either chopped or whole.

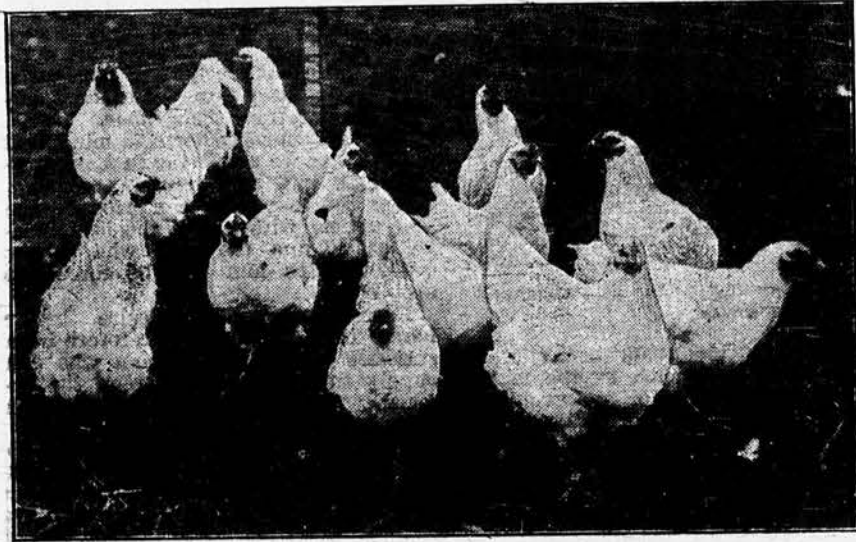
The Best Ration

Every few days I looked in the litter to see if the fowls were eating all the grain being given them, and if not I would reduce the amount. I always kept grit—sand and oyster shells—in a hopper before them. And I was very careful to keep them always supplied with plenty of pure, fresh water. I learned that fowls that were laying drank more water than those that were not laying. I always managed to keep the water out of the direct rays of the sun in hot weather, and warmed the water slightly in cold weather. Another thing I kept continually before the fowls was a supply of fresh-ground charcoal. Above all else, keep everything clean, absolutely clean.

For some time after starting in business I had a great desire to raise prize fowls, and I did take several prizes at poultry shows, but I soon found—especially since the high prices went into effect—that plenty of good broilers and many dozens of eggs were what brought in the cash. Also, since the War started, poultry and eggs did far more toward whipping the kaiser than a whole penful of prize birds.

Another thing I learned was that a great saving in the feed bill, and a great increase in egg production, during both summer and winter, could be made by getting several of the neigh-

(Continued on Page 21.)



Ten Hens From This Pen of Wyandottes Laid 2,047 Eggs in One Year. Good Health and Vigor Helped Them Do It.

for home use, a few "pointers," taken from my years of experience, may be of value to them.

To those who, like myself at one time, are unable to produce a large capital and are, therefore, undecided as to what course to take in earning a living, and others still who wish to

doubtless there are many others that are their equal, if not their superior.

But whatever breed you decide upon, remember that the waste products from the kitchen and the table may be used to advantage as feed. This, alone, is a very important item in these days, when the conservation of food is be-

Adding Reliability and Life to Farm Machinery

Reliability and life—that Hyatt Bearings add these vital qualities to farm tractors has been proved by year after year of actual field service in the majority of the best farm tractors built.

To add reliability and life to farm implements—to make the implement the tractor pulls as well built and as durable as the tractor itself, Hyatt Bearings are being used. Plows are now obtainable with Hyatt equipped coulters and gauge wheels.

In farm power machinery, likewise, Hyatt Bearings are adding a full quota of reliability and life. Hyatt Bearings eliminate friction, save power and fuel and do away with the labor of constant oiling.

HYATT

ROLLER BEARINGS

The National Dairy Show

Many War Time Exhibits are Shown at Columbus

BY JOHN W. WILKINSON
Associate Editor

DAIRYMEN everywhere this year looked forward with interest to the holding of the Twelfth Annual National Dairy Show at Columbus, Ohio, and a large attendance was expected. Unfortunately for all concerned it was held at a time when the whole country was alarmed over the appearance of the Spanish influenza, and in a place where the epidemic was at its worst. Altho it came at a time when public gatherings of all kinds were being discouraged, the show escaped an official closing order, because there were so few people in attendance. Outside of the show officials, college men, and exhibitors, probably 1,500 to 2,000 would cover the attendance at its highest point, and, perhaps, even that number would be an exceedingly liberal estimate. This light attendance no doubt is directly attributable to the influenza epidemic. Certainly it could not have been on account of any lack of interest in dairying, altho dairymen this year have had many discouragements on account of the shortage of labor and the high cost of feed.

While the show of dairy equipment was not equal to that of last year, it covered every phase of the dairy industry, from the calf to putting the choicest dairy products—milk, butter, cheese, ice cream—on the consumer's table. And these exhibits were never more attractively displayed. Few tractors or other farm machines and implements appeared, but what the show lacked in this respect was more than made up by the large government exhibit, brought to the show at great expense. One building was devoted entirely to lectures. Another building was devoted to domestic science and child welfare.

Still another building was devoted to the government exhibit, combined with college and cow-testing association displays visualizing valuable and important dairy lessons. Lecturers of national prominence gave daily talks on the food value of milk and its products, and every effort was made to encourage an increased consumption of these foods.

Another section of the exhibit was one designed especially for producers. Here the matters of breeding, feeding and testing were explained. It was stated that on July 1, 1918, there were 353 active cow testing associations in the United States, of which 112 were in Wisconsin alone.

It also was stated that the number of bull associations in the United States was 44 on July 1, 1918, with 18 states represented. The average number of members in the bull association is 45; average number of bulls, 5; average number of cows for each bull, 48.

An interesting exhibit in this building was the feed required for a dairy cow each year. The cow was shown, and a year's feed was stacked around her. According to the figures given, one good average cow will consume 1,507 pounds of grain, 3,318 pounds of hay and stover, 7,248 pounds of silage, 36 pounds of salt, 720 pounds of bedding in a year. The pasture cost will average \$10.36; man labor, 105.6 hours; horse labor, 16.7 hours; overhead expense, \$26.98; manure and bedding saved, 6.3 tons.

Students' Judging Contest

Another interesting feature of the show was the students' judging contest, in which the University of Nebraska, Lincoln, Neb.; Cornell University, of Ithaca, N. Y., and the Ohio State University, of Columbus, O., entered three teams of three students each. Prof. Robert Wyllie brought two students from the South Dakota Agricultural College, of Brookings, S. D., to compete as individuals. The coaches placed the cattle and graded the written reasons. The contest was won by the Nebraska team. Cornell was second and Ohio State University third. The high man of the contest was E. A. Loritson, of Nebraska. Miss Cook, of New York, won the \$400 scholarship offered by the Holstein-Friesian Association of America. In judging by breeds, Nebraska had the high team on Ayrshires,

and Cornell the high team on the other three breeds.

Of course the chief feature of the show was the cattle exhibit. Altho it was a little lighter in numbers than the show of last year, it was nevertheless, international in its character, assembling entries from Quebec on the north to Mexico on the south, and from Massachusetts on the east to Montana on the west.

The Jerseys

All concede that the honors of the show were carried away by the Jerseys. Of the 485 cattle in the barns, 205 were Jerseys. There were 15 herds listed, representing eight states and one province of Canada. Longview Farm, of Missouri, made a remarkable record in the winnings, against the strongest kind of competition from L. V. Walkley, of Connecticut, B. H. Bull & Son, of Ontario, and E. C. Lasater, of Texas. Lasater's aged bull, Raleigh's Oxford Prince, was made senior and grand champion, and Longview's junior bull

calf, Noma's Perfect Raleigh, was made junior champion. Walkley won all championships on females: senior and grand on the aged cow, Oxford Majesty's Gypsy, and junior on the junior yearling heifer, You'll Do's Pet 2nd. Longview made almost a complete sweep in the groups, and was credited with winning most money both as an exhibitor and breeder.

The Holstein-Friesians

Next in size and importance was the Holstein-Friesian exhibit. Eight exhibitors from seven states provided a display of 70 Holstein-Friesians that was all that anyone could desire. Neither New York nor Wisconsin, the most populous Holstein-Friesian commonwealths, were represented by a single hoof. Kansas, Minnesota, Iowa, Illinois, Indiana and Ohio breeders contributed of their best to uphold the breed's right to a showyard standard. There were 13 herds listed from seven states and one province of Canada. Competition in this division, however, was limited practically to three herds, R. E. Haeger, of Illinois, carrying off the greater share of the awards from Maywood Farms, of Minnesota, and Cass Farm Co., of Iowa, principally on females and groups. Chestnut & Sons, of Kansas, entered alone their great bull, Johanna's Bonheur Champion 2nd, and with him carried off senior

and grand championship. Junior championship went to Maywood's yearling bull, Johanna Glenda Lad. Haeger's great aged Holstein cow, Minerva Beets, was made senior and grand champion, and his junior heifer calf, K. S. P. Tantalus Calamo, was made junior champion.

The Ayrshire show was good and the 90 cattle in the exhibit made a creditable appeal on the whole for the breed, altho more striking and sensational animals have been seen in former shows. In this division there was fierce competition between the United States and Canada, but the Americans had the best of the deal. The contestants were Adam Seitz, of Wisconsin; Wendover Farm, of New Jersey; R. R. Ness and Gilbert McMillan, both of Quebec. Seitz won senior champion bull and junior champion cow. Junior and grand champion bull went to Wendover Farm, and senior and grand champion cow to Ness.

The Guernseys

In the Guernsey division there were 63 entries which included representatives from 10 herds from six states. The winnings were shared between D. D. Tenney and Island Farms, of Minnesota, and W. W. Marsh, of Iowa. Both grand championships came to Minnesota, Tenney winning senior and grand

(Continued on Page 20.)



Raynster

Trade Mark
Reg. U. S. Pat. Off.

Look for this Label
in your Raynster

A Mark of Value

There are many kinds of raincoats at varying prices. You cannot estimate their value by their looks.

But you can recognize the Raynster Label and avoid uncertainty. The Raynster Label identifies honest worth—it is the manufacturer's assurance of full value in materials and workmanship.

The Raynster Label is found in a complete line of weatherproof garments—heavy rubber surfaced work coats, smart cravenetted cloth coats, slip-ons, featherweight silks, and warm, heavy ulsters.

Many of these coats look like good overcoats and are generally worn as overcoats as well as raincoats.

Outfit your family with Raynsters. There are Raynster models for women, men, girls and boys. You'll find a Raynster at just the price you want to pay.

United States Rubber Company
Clothing Division, New York and Boston



Raynster

Reg. U. S. Pat. Off.

Why Your Boy Needs Help

Seven Organizations Federate for United War Work

BY CHARLES DILLON
Director Rural Publicity, United War Work

IF EVER you have a doubt about the importance of giving money to the United War Work Campaign you can clear your mind completely by comparing the history of your country's early days with the history of the Western front. If, perchance, you have forgotten the history you studied in the eighth grade, or in high school, it would be a good thing to go over it again. When the first American army went into battle 140 years ago, very little thought was given to anything except fight. There were no comforts and very often there was no food. You will remember Valley Forge even if you have forgotten the story word for word. You certainly remember the picture of Washington standing on snow covered ground, usually with one foot on a tree stump, worrying about his hungry shivering soldiers. You know what a terrible time they had all that winter. Compare the story of Valley Forge with the history of the last three winters in the European War. You haven't heard of any frozen soldiers—not among the British, the French, the

Italians or the Americans. Why? Because of the perfect organization for comfort physically and spiritually under which the great associations are employed now consolidated in the United War Work Campaign. Whether they be in American camps or on the Western front our boys are cared for by some of these organizations. It doesn't matter whether they are Protestants, Jews, or Catholics, some competent person with more thought for comfort than for creed is there, ready and willing to help. There are always men and women present to cheer the homesick boy, to keep up the communication line between him and his home. This is the influence that keeps your boy clean and cheerful. It is the influence that saves him, sometimes from himself, because there are circumstances you may know nothing about in which boy or man is tempted beyond his strength to resist. A boy accustomed to the freedom of country life is likely to feel himself a strange figure among the thousands of every class encountered in a great army, far from his

native land. The seven organizations I mention are asking for money to keep up their good work among the soldiers here and across the sea. They are represented by men and women who understand the country boy just as they understand the man from town. They know something about country mothers and when they talk to a boy it is with those mothers in mind.

Be Sure to Give Something

President Wilson thought it a wise plan for the seven big bodies to get together—Young Men's Christian Association, Young Women's Christian Association, National Catholic War Council (K. of C.), Jewish Welfare Board, War Camp Community Service, American Library Association, and the Salvation Army—and go to the country in the week of November 11-18 for funds that are needed to carry on this work. It will take 170½ million dollars—about \$1 a week for every soldier in the American army. The farmers of America are expected to contribute about 40 per cent of this money. I know they will do it, because they have learned to give and to lend since this war began. When the solicitor goes around for your part of the fund be sure that you write your name in his book. The work he is doing is for you and for yours. He is getting nothing out of it except the satisfaction it gives a man to help his country. He is giving

his time and strength. Surely you can give your money.

These seven organizations in the United War Work Campaign will challenge every boy and girl in the country to serve and to sacrifice in the "great cause." A separate division of the campaign, that of the Victory Boys, will have for its goal the lining up of "a million boys behind a million fighters." The girls too will have a separate division to be known as the Victory Girls.

There are boys on the farms in every part of America in nearly every one of the 3,028 counties, who can earn and give \$5 to the United War Work Campaign. A Victory Boy, who earns and gives \$5, will provide service for his fighter on the trains and steamships, in strange lands and unaccustomed dangers; for one or another of these organizations sends its workers with the soldiers to the training camps and over every step of the long and wearisome journey up to the front line trenches; the good work of the \$5 need not end there. It may follow the man to the hospital, or into the prison camp.

And when we speak of Victory Boys, we do not mean to exclude Victory Girls. There are plenty of things that farm girls can do to earn \$5 or more. There are poultry clubs, canning clubs, tomato clubs, all sorts of organizations that city people know nothing about in which the farm girls of America earn money by good hard work. Any one familiar with the farm life of America knows that every one of these girls is just as patriotically inclined, just as generous as the boys or men; indeed in many cases they are very much more liberal.

These are times when everyone should be an American citizen. To be a citizen means to support the Army and the Navy in every way so that victory may be assured sooner and more completely. Get into the war work. You're needed.

The National Dairy Show

(Continued from Page 19.)

on his wonderful aged bull, Lady-smith's Cherub, and Island Farms repeating on their no less wonderful aged cow, Imp. Bella 2nd du Grand Port. Marsh won both junior championships on the yearling bull, Cherub's Prince, and the junior heifer calf, My Figtree of the Prairie. Tenney stood first on exhibitor's herd, Island Farms on A. R. cow with two of her progeny, and Marsh on the other groups.

The Brown Swiss exhibit contained 57 cattle. These came from the herds of L. S. Marshall & Sons, of Leslie, Mich.; Hull Bros., of Plainville, O., and W. O. Bohart, from Bozeman, Mont. The awards were distributed in the order named. Bohart won first place on yearling bull, 2-year-old heifer, and junior yearling heifer, and second on breeder's calf herd.

Lack of space prevents a fuller account of all the entries and awards in the show. The directors of the National Dairy Show have decided to hold the next meet at Chicago provided suitable quarters can be found for this purpose. Since 1914 the show has been held once at Springfield, Mass., and twice at Columbus, but as the attendance at the last three shows has been so disappointing the sentiment now is that Chicago is the logical place for the permanent home of the National Dairy Show.

Let's back up bullets with bread and win the War.

Without Shame or Honor

A big milling firm which padded its expense account last year by hundreds of thousands of dollars that it might profiteer in flour, and was disciplined for it, came out with a flamboyant appeal to the patriotism of the people in behalf of the Liberty Loan. There are people in this world who have no shame, no principle, no self respect, no decent humility, and undoubtedly more of them can be found in the ranks of the profiteers than anywhere else this side of purgatory. For a patriot to bludge about patriotism—a convicted one at that—is sickening, disgusting, detestable.



Big Increase in Porcelain Efficiency

Half Again as Much Resistance to Current When Heated

In the high-speed, high-compression motors of today spark plugs must work in heat undreamed of a short time ago.

Yet under intense heat the porcelain insulator that once worked perfectly, actually becomes a conductor of the electric current—fails to supply the explosive spark.

But science has now more than kept pace.

Experiment 3450 in the tenth year of unremitting original research work in our porcelain laboratories has produced a porcelain with half again as much resistance to current when heated.

Champion Dependability takes so long a step forward that it seems well nigh inconceivable that any future motor will ever again develop heat enough to threaten short-circuiting through the porcelain insulator.

This greater dependability is yours if you merely take the pains to see that "Champion" is on the porcelain of your spark plugs as well as on the box.

There is a Champion Spark Plug for every type of motor car, motor truck, tractor, motorcycle and stationary engine.

Champion Spark Plug Company, Toledo, Ohio
Champion Spark Plug Company of Canada, Limited, Windsor, Ontario

TOM McNEAL'S ANSWERS

Emperor Bill

What is the age of the present kaiser of Germany? J. W. R.

If he lives until next January 27 he will be 60 years old.

Wants to Enlist

I have become 18 years old since September 12, and would like to enlist in the regular army. To whom should I apply in order to enlist? HENRY HERGIN, Shawnee, Okla.

If there is no recruiting officer in the town of Shawnee write to the Adjutant General, Oklahoma City.

Soldiers' Liberty Bond

I have a son in the service in France. He sailed last spring. He told me while in camp that his Liberty Bond papers would reach me in July or August. They have failed to come. Any information will be appreciated. READER.

Write to your member of Congress and ask him to make inquiry at the Treasury Department.

Battle Ship Kansas

Is there a battle ship named Kansas and if so what kind and class is it and when was it launched? E. E.

The battle ship Kansas is of the first class. Its keel was laid in 1904 and it was launched about three years later in 1907. It has a displacement of 16,000 tons, a speed of 18 knots an hour; 19,545 horse power and cost \$7,425,620. When it was launched it was considered one of the greatest of our first class battle ships but would today be considered old and rather out of date I presume.

Can She Collect Rent?

A owns a house in town which she rents to B, whose husband is in the army. A wants possession but B will neither give possession nor pay rent. Can A compel her to vacate by law? Can A collect rent from her?

Can a storekeeper collect bills from a woman in B's situation? B is financially responsible.

When a man goes to the army when does his pay begin? E. M. C.

A. can compel B. to vacate by giving her 30 days' notice in writing. She can also collect rent for the time B. has occupied the house.

B. is liable for her store bills just the same as if her husband was not in the army. The government has made special provision for her so that she can pay her bills. The soldier's pay begins at the date he is mustered into the service. The troops are paid as I understand twice a month.

President's Cabinet

1. Please give brief outline of the duties of each member of the President's Cabinet; how appointed; length of term and who holds each office at the present time.

2. What is a federal court? Are there any in Kansas?

3. Explain the Non-partisan League. A READER.

The President's cabinet at present consists of a Secretary of State, Secretary of War, Secretary of the Treasury, Attorney General, Postmaster General, Secretary of the Navy, Secretary of the Interior, Secretary of Agriculture, Secretary of Commerce and Secretary of Labor.

The Secretary of State is supposed to have charge of all foreign relations. The Secretary of the Treasury has general supervision of the entire financial system of the government, which is made up of a great number of departments. The Secretary of War has general supervision of the army. The Attorney General is the legal adviser of the President. The Postmaster General is at the head of the entire Post Office system of the country. The Secretary of the Navy is at the head of navy of the country just as the Secretary of War is at the head of the army. The Secretary of the Interior has control of governmental matters pertaining to the interior, as for example the control of the Indian tribes, care of Indian lands and Indian funds; sale of government lands, control of government irrigation projects, building of the government railroad in Alaska, and Indian schools.

The Secretary of Agriculture is at the head of the government activities in promoting agriculture, such as the destruction of injurious insects, obtaining new and valuable food producing plants, and the improvement of livestock. The Department of Agriculture maintains a large force of men in foreign lands studying the plant life of those countries hunting for plants

that will resist drouth, finding new breeds of stock, that is, new to this country, which may prove to be profitable. A very extensive chemical laboratory is maintained for testing soils.

The Secretary of Commerce is at the head of our internal, and to some extent also of our international commercial relations.

The Secretary of Labor has general charge of the adjustment of the relations between capital and labor. The members of the cabinet are appointed by the President and confirmed by the Senate. The appointment is for a period of four years, but it is understood that the cabinet officer only holds his office at the pleasure of the President. The present members of the cabinet are as follows: Secretary of State, Robert Lansing; Secretary of the Treasury, William Gibbs McAdoo; Secretary of War, Newton D. Baker; Attorney General, T. W. Gregory; Postmaster General, Albert Sidney Burleson; Secretary of the Navy, Josephus Daniels; Secretary of the Interior, Franklin Knight Lane; Secretary of Agriculture, David Franklin Houston; Secretary of Commerce, William C. Redfield; Secretary of Labor, William B. Wilson.

A federal court is a part of the judicial system of the general government, the judge of which is appointed by the President. The federal court system consists of the Supreme Court of the United States and the inferior federal courts, circuit and district. The state of Kansas comprises one federal district.

I do not know much about the Non-Partisan League.

Wyandottes are the Best

(Continued from Page 18.)

bors who had lawns to save all the clippings for me. This they were willing to do, free of charge, and all I had to do was to go and get them. I provided sacks to hold the clippings, and whenever a lawn was clipped I went after the clippings, fed them to the chickens when grain happened to be scarce in spring and summer, and the surplus I carefully cured and put away for winter. In winter I would steam this and mix with the mash. The fowls seemed to like it above all things, and it cut my feed bill almost a fifth.

These clippings also may be put in large barrels with chopped corn or

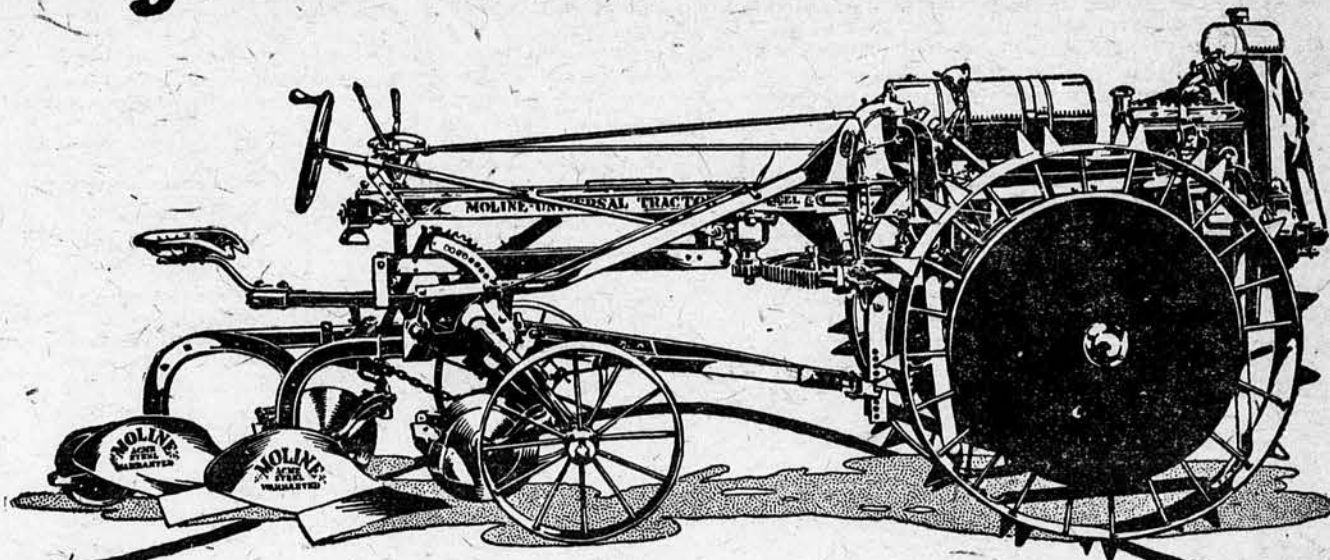
kafir and made into silage thru fermentation that will take place in the same way as in the large stock silos. Chickens are very fond of silage and it will increase the egg supply materially in winter.

Well, I have made a good living and a bit more after the first year. And for the last two years, notwithstanding the high price of feed for the fowls and food and other necessities for ourselves, I have cleared \$900, above living and other expenses. And \$500 of that was cleared this year. For I raised practically all the grain we used, in addition to a splendid garden. And I believe I could sell my stock and chicken houses, exclusive of the ground, for at least \$600 today. Raise chickens. Take care of them and they will repay you many times.

Wisconsin and Montana lost 2,040,000 sheep since the census of 1900. Wool and mutton from these sheep would have sold for 21 million dollars this year at present prices.

The goat stock in Turkey has been reduced over 50 per cent, and remember that this is the biggest mohair country in the world.

Buy Your Moline Tractor Now



Because:

You may not be able to get a Moline Universal if you delay ordering.

You will help relieve spring congestion of shipping by buying now.

You will have plenty of time to become familiar with its construction and operation before the spring rush and will be able to work your tractor in on belt work and other light jobs.

It is the only tractor which does all farm work including cultivating.

One man operates both tractor and implement from the seat of the implement where you must sit in order to do the best work.

Tractor and implement form one unit—backs as easily as it goes forward—turns in a 16-ft. circle.

It has plenty of power for your heaviest work, yet light in weight to operate economically on light jobs. All the weight on two big drive wheels—no dead weight—no extra expense.

Substantially constructed for many years of service.

Electric lights for night work and self starter for non-robust labor.

You can practically double your efficiency—you can produce more food with less help. You will need it, order now.

Write today for full information and name of your nearest Moline Dealer. Address Dept. 23.

Moline Plow Co., Moline, Illinois

MOLINE

UNIVERSAL TRACTOR



Get in Now and be a Winner

Capper Poultry Club Offers Girls Opportunities

BY BERTHA G. SCHMIDT, Secretary

WHEN I WAS a little girl there was a belief among my playmates that if one could say the word money three times while a shooting star was shooting, his outstretched hands would be filled with gold coins. No child in the group ever missed an opportunity to make the attempt. The difficulty was that the shooting stars always had finished their course across the sky before we could say the word three times. We felt sure that this was the only reason we failed to be rewarded.



Marjorie L. Smith

An opportunity of earning money that is far more certain of bringing results than this is being offered farm girls in Kansas. But like the shooting stars it is not to continue indefinitely. Membership in the Capper Poultry club is limited to 10 farm girls in every county in Kansas. Applications are already being received. If you want to line up with one of the liveliest organizations of girls in the state, fill out an application blank at once and

send it to the secretary of the Capper Poultry club.

In brief, the rules of the club are these: Each girl must enter eight purebred pullets and a cockerel of the same breed. Pullets and cockerel must be penned from the time of entry, which shall be not later than April 15, until June 30. The contestant must keep a record during the penning period of the purebreds, showing the expense and income.

Here are the prizes which will be awarded the girls making the highest grades:

First prize	\$20
Second prize	15
Third prize	10
Fourth prize	5
Fifth prize	3

Ten additional prizes of \$1 each.

At the end of the contest in December, 1919, each girl must send an annual report and a contest story, "How I Cared for My Purebred Contest Fowls." The contest will be judged on this basis: 75 points for the contest pen profit record; 10 points for promptness in sending monthly reports during the penning period; 15 points for story and accuracy of annual report.

Five dollars will be awarded each of the 10 girls in the county making the highest grade for a county club. Only girls living in a county having a com-

plete membership will be eligible for the special county prizes.

In every county having a membership of more than two a county leader will be selected. Leaders will be appointed February 15, the girls who have shown the most interest in club work up to this time being chosen. Being selected county leader is a worth while appointment as those who are thus chosen will stand in line to win a part of the \$50 to be awarded county leaders.

Here are the county leader prizes:

First prize	\$10.00
Second prize	8.00
Third prize	7.00
Fourth prize	6.00
Fifth prize	5.00
Sixth prize	4.00
Seventh prize	3.50
Eighth prize	3.00
Ninth prize	2.00
Tenth prize	1.50

A beautiful trophy cup valued at \$25 will be awarded the county leader finishing first in pep standing and there will be \$5 for each of her team mates who help her to win. Then there'll be a trophy cup for the club member who makes the best profit record with her purebreds.

The Mothers' Division of the club is going to be one of the best features in 1919. In the past, mothers have been only associate members but next year we are going to take them into the club as active members. A mother will not be considered a member merely because her daughter is, as heretofore, but it will be necessary for her to make application for membership. Of course, a girl may be a member of the club even if her mother is not but I am eager to have the mothers come into

the club also and for this reason we are offering the following special prizes for them:

First prize	\$15
Second prize	10
Third prize	6
Fourth prize	3

Five additional prizes of \$1 each.

The mothers' contest will be judged on the same basis as the daughters', the mother keeping a record of her farm flock which may contain any number of chickens. These need not be purebreds but purebreds may be entered.

In many of the county clubs of the present year, much of the success of the work has been due to the lively interest the mothers of the girls have taken in the club. Atchison county girls chose Mrs. John Brun reporter and Mrs. Brun has written me about the monthly meetings in a most delightful way. Here's a part of her report of the October meeting:

"There was truly a fine gathering. We set two tables at a time; each seating 10 persons. The tables were filled three times. There were about 60 persons present, including eight pig club boys—nine with 'Dad' Brun—and eight poultry club girls. The program was fine. Besides the girls' part Mrs. Madden's talk was excellent. A friend of the pig club sang several army songs."

That's just a sample of the kind of fun boys and girls have at joint Capper Pig and Poultry club meetings. Besides the program, there's always a delicious dinner, or refreshments, if the meeting is held in the evening, and there are generally a lot of games and songs.

A third division of the poultry club next year will be the Mother-Daughter contest. For the best grades made by the daughter with her contest pen and the mother with her farm flock, these prizes will be given:

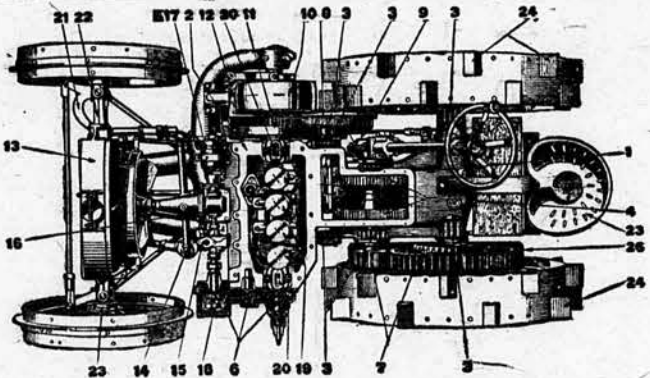
First prize	\$10
Second prize	5
Third prize	3
Fourth prize	2

Five additional prizes of \$1 each.

If you haven't the money to invest in purebred chickens, send in your application anyway. Arthur Capper

Key to Plan View

- 1—One-Piece Main Frame—Holds all shafts, bearings and gears in proper alignment.
- 2—Motor Set Crosswise—Eliminates bevel gears, worm friction or chain drive.
- 3—Hyatt Roller Bearings at all important places.
- 4—Cut Steel Gearing in transmission.
- 5—All Cut Steel Gearing between crank shaft and gear box.
- 6—All Cut Steel Helical Timing Gears.
- 7—Forged Cut Steel Master Gear and Bull Pinion with differential (fully enclosed).
- 8—Oil-Tight Housing for all gears between crank shaft and transmission.
- 9—Worm and Sector Steering Gear, enclosed.
- 10—Clutch Pulley on crank shaft.
- 11—Fly Wheel—Next to main bearing (normal speed 1050 R. P. M.)



Key to Plan View

- 12—Brake for belt or road work.
- 13—Cast Frame, 5-piece, Army truck type, non-clogging Radiator.
- 14—Sylphon Thermostat.
- 15—Centrifugal Pump.
- 16—Spiral Gear-Driven Fan; gears enclosed.
- 17—Dust Proof High Tension Magneto.
- 18—Speed Governor, enclosed.
- 19—Pistons—Diameter 3 3/4 in. Stroke 5 in.
- 20—Main Crank Bearings, 2 1/4 x 4 1/4.
- 21—Steel Steering Knuckles.
- 22—Drop Forged Front Axle.
- 23—Dust Proof Hubs.
- 24—Detachable Tire Lugs—other styles furnished if ordered.
- 25—Spring Seat.
- 26—Dust Proof Housing for final drive.

Study This Chassis of the Case 10-18 Kerosene Tractor

ABOVE we show a plan view of the Case 10-18, with an explanation of the details. Study this chassis—note its features.

In many ways, you will find the Case 10-18 far in advance of today's usual offerings. For instance, it is the first to offer a one-piece main frame with a four-cylinder motor, mounted cross-wise. This is merely one of the dozens of betterments. The one-piece frame casting constitutes a dust-proof housing for the rear axle, bull pinion shaft, transmission and the bearings for these parts.

This type of construction brings rigidity, reducing vibration, preventing disalignment. Power is conserved, while we multiply strength.

The belt pulley is mounted on engine crank shaft, doing away with bevel gears. It is part of the tractor—not an extra-cost accessory.

The Case Sylphon Thermostat insures complete combustion of gasoline or kerosene, and prevents raw fuel from

passing by the pistons and diluting oil in the crank case.

The Radiator has a cast frame. The Core is copper—fin and tube non-clogging type.

A Case air-washer prevents grit or dust from getting into the cylinders.

These are but a few of the greatest advancements in tractor history. Case offers you today, NOW, what others will attempt later on.

The Case 10-18 is rated according to the conservative Case policy.

It develops nearly 14 horsepower on the drawbar and about 24 horsepower on the pulley. Thus we insure abundant reserve power.

Our booklet and specifications point out dozens of other advancements, all of which demand your consideration before you buy.

Write to us today for a copy. Or visit a Case dealer.

J. I. Case Threshing Machine Company, Inc.
Founded 1842
1416 Erie St., Racine, Wis., U. S. A.

(810)



Mabel Shaw of Johnson County

wants to see farm girls in Kansas make a success of raising chickens and thus help Uncle Sam in the production of food, and so he will lend the money to purchase purebreds to any girl who is chosen a member of the club, if she hasn't money of her own or cannot obtain it from her parents.

Marjorie L. Smith, a club member of Rice county, had her picture taken with the stars and stripes to emphasize the fact that she's raising poultry to help Uncle Sam. The other picture shows Mabel Shaw with her contest flock of Barred Plymouth Rocks.

No Bones Were Broken

A great disturbance was made two years ago when Amos Pinchot and other tax reformers sprang their campaign that wealth should pay the cost of the war, for maximum taxes instead of maximum bond issues. The fallacy of these reformers was pointed out and the impracticability of what they proposed. But Congress has done practically what was then demanded and wealth has accepted the verdict as necessary.

Why Not Be a Prize Winner?

News for Old and New Members—Third Pep Standing

BY EARLE H. WHITMAN
Club Manager

HAVE YOU ever heard it said that Capper Pig Club work isn't worth while? Ask the fellow who said it whether or not he would like to be one of the boys in the club for 1919 who will win 65 prizes with a total value of nearly \$1,000. The rules of the new club provide for the awarding of \$400 in cash and a trophy cup valued at \$50. That takes care of 53 prizes. Then there will be about 12 prize pigs offered by Kansas breeders, for I am sure the swine raisers of this state will be ready to make the same generous offers of fine breeding stock for members of the new club to compete for as will be given to winners in 1918. While we're talking about the prizes, tho, let's take a look at them. Here's the way they appear in the rules:

\$100 in the Open Contest

First Prize	\$20.00
Second Prize	15.00
Third Prize	12.00
Fourth Prize	10.00
Fifth Prize	8.00
Sixth Prize	7.00
Seventh Prize	6.00
Eighth Prize	5.00
Ninth Prize	4.00
Tenth Prize	3.00
Eleventh Prize	2.00
Twelfth Prize	2.00
Thirteenth Prize	2.00
Fourteenth Prize	2.00
Fifteenth Prize	2.00

\$55 for County Leaders

First Prize	\$10.00
Second Prize	5.00
Third Prize	5.00
Fourth Prize	5.00
Fifth Prize	5.00
Sixth Prize	5.00
Seventh Prize	5.00
Eighth Prize	5.00
Ninth Prize	5.00
Tenth Prize	5.00

\$150 for a Father and Son Contest

	For Father	For Son
First Prize	\$20.00	\$20.00
Second Prize	15.00	15.00
Third Prize	12.50	12.50
Fourth Prize	10.00	10.00
Fifth Prize	7.50	7.50
Sixth Prize	5.00	5.00
Seventh Prize	5.00	5.00

Special Club Pep Prizes

A special prize of \$50 will be awarded to the members of the club that win the pep trophy, the leader being barred from sharing in this prize.

\$50 in Special County Prizes

Ten special prizes of \$5 apiece to be awarded for the best county record made in the open contest. Competition limited to complete membership.

A \$50 Pep Trophy

A beautiful trophy cup valued at \$50 will be awarded to the county leader who finishes first in the pep standing. This cup will be engraved "Presented by Arthur Capper for Leadership."

The work of the club for 1919 will be virtually the same as it has been this year. Boys who haven't purebred sows or money to buy them may borrow from Arthur Capper. Record keeping will be on the sow until she farrows, then on both the sow and pigs. Contestants must participate in the mutual insurance and breed club work. Records and stories of the contest work will be sent in by December 20, 1919. The one important change in the club rules is in the father and son department. The work of the father has been changed to keeping records on the entire herd, instead of on a sow and litter.

Boys who are members of the club for this year will be welcome in the club for 1919, unless they have been contestants for two years. In that case they will be welcome in the father and son department if they can induce their dads to line up with them. There is one way, too, in which junior members of this department, even if they have been in the club two years, may compete for prizes in the open contest. At the Topeka and Hutchinson fair meetings the boys voted that if a county is not filled by January 1, 1919, boys who have been in the club two years but who have lined up with their dads for

another year, may be enrolled as regular contestants for all prizes.

For the third time we are printing a pep standing. Heretofore the 20 leading counties have been given, with their grades. This time we are listing the 12 counties which seem to be in the lead. No grades are given and the order in which they appear is not to be taken as final. It is by no means uncertain that some other counties not listed this time will appear among the leading 10 when awards are made. This is not the time to slacken efforts to win the trophy cup or to be in the counties which win the cash prizes offered for pep. After all, it is impossible to decide definitely as to the standing of counties until the contest work is ended. A county may stand high in the list, but the failure of some members to send in reports of their contest work will be taken as an indication of lack of pep. Here's the way the game looks now:

County	Leader
Atchison	William Brun
Johnson	Merlyn Andrew
Cloud	Loren Townsden
Riley	Darlington Holtman
Pottawatomie	Glen Schwandt
Stafford	Verne Landreth
Mitchell	Eugene Creitz
Lincoln	John Philip Ackerman

Osage Lawrence Price
Lyon Harvey Stewart
Miami Francis Crawford
Reno Ray Taylor

There is a big opportunity for members of the 1918 club who expect to be in next year's contest to make a fine showing in the race for appointment as county leader next spring. I know of nothing that will make a better impression on the club manager than for a boy to do his utmost to obtain a complete membership for his county. If you're going back into the club for an

other year, get your friends interested in the work and have them send in applications for membership. And don't let them delay, for other fellows in other parts of your county are going to be up and hustling, too. Tell them that every boy in Kansas between 12 and 18 is eligible to join the Capper Pig Club. The application blank is printed below. If you're a member, clip it and give it to a friend. If you're not a member, fill it out and send it to the club manager today.

Capper Pig and Poultry Clubs

Capper Building, Topeka, Kan.

Earle H. Whitman, Contest 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)

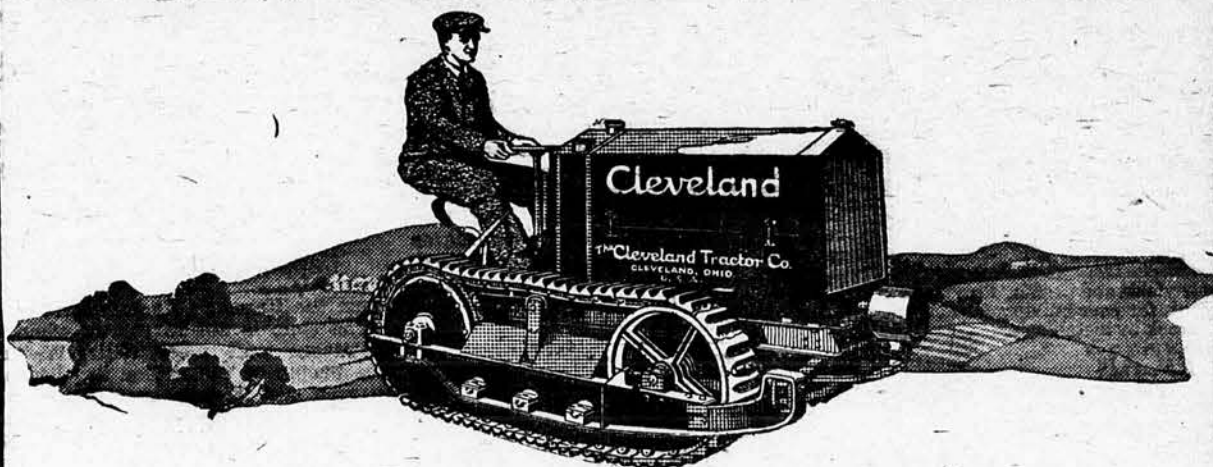
I will try to get the required recommendations, and if chosen as a representative of my county I will carefully follow all instructions concerning the club work and will comply with the contest rules. I promise to read articles concerning club work in the Farmers Mail and Breeze, and will make every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

Cleveland Tractor



Machinery Must Replace Muscle

Man-power is at a premium on our farms.

War has taken several million men into the service.

And in spite of these conditions, which are steadily growing worse, there must be more crops produced than ever before.

Machinery must replace muscle.

Thousands of Cleveland Tractors are successfully meeting the labor shortage and the demand for increased production.

The Cleveland Tractor, pulling two 14-inch bottoms in medium soil, plows $3\frac{1}{2}$ miles an hour—eight to ten acres a day. That is all you can expect from three good men with three good 3-horse teams.

The Cleveland! travels on its own tracks, laying them down and picking them up again like the famous battle "tanks." It turns around in a twelve-foot circle. It gives you 12 horsepower at the drawbar for pulling, and 20 horsepower at the pulley for stationary work. It has 600 square inches of traction surface continually on the ground and will go almost anywhere. It weighs less than 3200 pounds.

But in spite of its power, the Cleveland Tractor is so small that it can easily go under and among small trees.

It will go through ditches, gumbo, sand and gravel, over unused roads, plowed fields and stubble. It will not pack the soil, will not mire or flounder.

Rollin H. White, the famous automotive engineer, is the designer of the Cleveland Tractor. It is produced under his supervision.

He has used only the best materials. Gears are protected by dust-proof, dirt-proof cases.

The track is designed for long service. The sections are joined with hardened steel pins which have their bearings in hardened steel bushings.

You must replace muscle with machinery on your farm.

The Cleveland Tractor offers the means of meeting the emergency.

Write us for detailed information and name of the nearest Cleveland dealer.



The Cleveland Tractor Co.

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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.


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Thorough separating. U-shaped, raised-lip screen agitates both upward and forward—allows all shelled corn to fall through to cleaning pan below, where all trash and dirt is blown out. No other method does such complete separating and thorough cleaning. The Appleton does 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. Send for booklet today.

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Topeka, Kan.



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This Bible is about the size of a postage stamp and is said to bring good luck to the owner. Sent free if you send us two 3-months' subscriptions to the Household at 10 cents each. Magazine contains from 20 to 32 pages of stories and departments monthly. Address: **HOUSEHOLD, Dept. B. 14, Topeka, Kansas**



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

Governor Capper's Appeal Urges Election of Entire Republican, State and Congressional Ticket

Governor Arthur Capper has issued an appeal to the voters of Kansas to support the entire Republican ticket, including the Republican candidates for Congress. In a personal statement the governor says:

"I am grateful to the Republicans of Kansas for the fine endorsement given me at the August primary. I will have very little time for a political campaign, and I therefore appeal to my friends to give me all the assistance possible at the election on November 5. I ask their support not only for my own candidacy but for the entire Republican State and Congressional ticket. I am proud—and with reason—to be the nominee of my party for Senator, for it is gratifying to have associated with me on the ticket such candidates as the Republicans of Kansas may present without a single misgiving to the voters for their endorsement.

"The state ticket headed by Henry J. Allen, candidate for Governor, and the Congressional ticket as well, is made up of Republicans who represent first-class ability. These men are high-grade, dependable men. There is no reason why any Republican cannot give every one of them enthusiastic support.

"Issues of tremendous importance make our Congressional election this fall most vital. The situation demands men of the most stalwart Americanism and staunchest devotion.

"I believe every Republican should rally to the Republican congressional nominees.

D. R. Anthony in the First District.
E. C. Little in the Second.
P. P. Campbell in the Third.
Homer Hoch in the Fourth.
James G. Strong in the Fifth.
Hays B. White in the Sixth.
J. N. Tincher in the Seventh.
Charles C. Mack in the Eighth.

"Both in state and nation the Republican party has stood and is standing four-square for the War and no compromise. Every one of its candidates is pledged to that platform. The war record of the party and its candidates will bear the closest scrutiny. The records of Congress show the Republicans have stood by the President more loyally than his own party."

Farmers Increase Wheat Acreage

A representative of the Office of Farm Management of the U. S. Department of Agriculture, recently returned from an inspection of the typical parts of the winter-wheat area of the United States, reports that in Kansas, Oklahoma, and Colorado the soil generally was in excellent condition for the fall sowing, and farmers were doing their best to get in as much land as they could prepare.

To offset shortage of labor, due to the draft, farmers were hurrying the sowing of wheat before their boys had to leave. In some of the drier portions of Kansas, where there had been two successive failures of wheat, farmers were finding it hard to put in a full crop on account of lack of seed. In these places, however, the difficulty was being largely overcome by government loans for buying seed.

In the winter-wheat sections of Ore-

gon, Washington, and Idaho the summer had been exceptionally dry, and up to October 15 there had not been sufficient rains in many places to make it safe to sow wheat. Some farmers, however, were taking a greater risk than usual by sowing the wheat, which ought to be in the ground at about this time.

South for More Broom Corn

Replies to an inquiry in reference to broomcorn production recently sent out by the States Relations Service of the Department of Agriculture, have been very encouraging. Florida, Mississippi, Tennessee, Louisiana, Alabama—in fact, the majority of the Southern states—give promise of decided future activity in the raising of this crop, which, at the present excessively high price of brooms, is quite remunerative. In November, at the conference of representatives from the various boys' and girls' clubs of the South, in Washington, increased cultivation will be emphasized and encouraged. At this meeting also it is planned to have a boy broom maker from a near-by state demonstrate the simplicity of "home" broom making and give actual figures on the low cost of turning out the finished product.

Farms for Soldiers

No time must be lost in making plans to enable returning soldiers who desire, to procure farms on which they may live. This is the message sent out by the National Council of Defense.

This body points out that the War may be over in a year, and that definite plans must be made promptly. The support and co-operation of all the people are necessary.

The Senate Committee on public lands has just reported a bill appropriating 1 million dollars to make surveys of farms for returning soldiers and sailors. It is hoped to make farm opportunities available likewise to workers in munition factories and other war industries. This will also relieve the shortage of employment which is likely to be present in the period immediately following the War.

Capper Fight on Gougers

From the Kansas City Advocate—The time is not far away when war profiteers will meet their Waterloo. The people of the nation are becoming aroused, and Kansas stands out as the leader against the indefensible plundering of those who have made millions out of the war. Governor Capper was the first state executive to denounce price gougers and war profiteers. He was first to declare that food gamblers and war grafters should be summarily dealt with, as a means to an end. This is what he has said, and what he will stand and fight for in the United States senate:

"The war hogs, who have made millions in profits on foodstuffs, shoes, clothing and other necessities since the United States entered the war, and who take advantage of an acute situation to corner the market and compel the poor people of the country to pay enormous profits for the necessities of life, are enemies of their country and should be treated as traitors."

Put the "pay" into patriotism.

The High Cost of Living— Tell Us Your Experience

The Farmers Mail and Breeze desires to have letters from its readers giving their experiences in combating the high cost of living. What has been your experience in buying food and clothing? Are you able to purchase these articles at fair prices, or do you feel that you have been compelled to pay too much for them? What do you consider a fair profit for the retailer? Is 10 per cent enough profit for the dealer? What do you think of the present prices for shoes, hats, gloves and other articles of clothing? What do you think of the present prices of meats, fruit, and canned goods? What suggestions have you to offer for controlling such prices in the community as well as in the county and the state? What additional measures do you think the National Food Administration should adopt to aid the county and state authorities in obtaining fair prices for consumers? The Farmers Mail and Breeze will be glad to hear from a number of its readers on this subject and will pay \$1 each for every letter that it accepts and publishes on this important matter. Address all letters to John W. Wilkinson, Associate Editor, Farmers Mail and Breeze, Topeka, Kan.


GET FULL VALUE OUT OF YOUR GRAIN

Grind it and Feed it on your own place, where nothing is lost. Besides roughage, live stock must have concentrates. Ground Grain is the most effective and economical.

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"Always Reliable"

Crush ear corn (with or without husks) and grind all kinds of small grain and feed stuffs. 10 sizes, 2 to 25 H.P.
Sold with or without Elevator
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The N. F. BOWSER CO.
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An Extraordinary Offer: Germozone is a standard remedy for chicken troubles, roup, colds, cholera, swollen head, bowel complaint, chicken pox, canker, not doing well, no laying, etc. Now our proposition: If no dealer there handling Germozone and you will agree to use it and pay if satisfied, we will send you a 75¢ package without a cent in advance. No pay if not satisfied. Can we do more? And we will send free 5 poultry booklets. Write today.
Local dealers handling Germozone will do the same
GEO. H. LEECO, Dept. 407, OMAHA, NEB.

Farmers Mail and Breeze Money-Saving Clubbing Offers

Good to Nov. 15, Only

Special Club No. 1

Farmers Mail and Breeze.....	\$1.00
Capper's Weekly	1.00
The Household .....	.25
Total Value	\$2.25
Our Special Price	1.70

Club No. 2

Farmers Mail and Breeze.....	\$1.00
Home Life .....	.35
Household .....	.25
Gentlewoman .....	.20
Total Value	\$1.80
Our Special Price	1.35

Club No. 3

Farmers Mail and Breeze.....	\$1.00
Household .....	.25
Woman's World .....	.50
People's Popular Monthly.....	.25
Total Value	\$2.00
Our Special Price	1.50

Club No. 4

Farmers Mail and Breeze.....	\$1.00
Capper's Weekly	1.00
Home Life .....	.35
People's Popular Monthly.....	.25
Total Value	\$2.60
Our Special Price	1.95

Club No. 5

Farmers Mail and Breeze.....	\$1.00
People's Home Journal.....	.75
People's Popular Monthly.....	.25
Gentlewoman .....	.20
Total Value	\$2.20
Our Special Price	1.65

Club No. 6

Farmers Mail and Breeze.....	\$1.00
Woman's World .....	.50
Capper's Weekly	1.00
Household .....	.25
Total Value	\$2.75
Our Special Price	2.10

Club No. 7

Farmers Mail and Breeze.....	\$1.00
McCall's Magazine	1.00
Household .....	.25
Gentlewoman .....	.20
Total Value	\$2.45
Our Special Price	1.85

Club No. 8

Farmers Mail and Breeze.....	\$1.00
Modern Priscilla	1.50
People's Popular Monthly.....	.25
Household .....	.25
Total Value	\$3.00
Our Special Price	2.25

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.

Nov. 15 the Last Day

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

Name

Postoffice

R. F. D. Box. State

THE SUBSTITUTE FOR GASOLINE

Through the genius and work of George E. Long, of Ottawa, Kan., kerosene oil is now a most satisfactory substitute for gasoline for dependable engine power.

A gallon of kerosene oil now gives more power than a gallon of gasoline. This marvelous result is due to the perfection of design and construction in Long's kerosene engine.

Five years ago Mr. Long foresaw the need of a simple kerosene engine—one that the average farmer and shop man could easily understand and operate, and, above all, one that could be sold for a low price and be durable and dependable for all work at all times of the year.

This was a big undertaking, as subsequently proved, but the problem has been successfully solved. It involved



GEO. E. LONG.

thousands of tests, under all conceivable working conditions, and by many men in all parts of the country. The correct principle of construction was developed in three years, for burning kerosene oil as satisfactorily as gasoline. And to make the engine in large quantities to get the low selling price desired, required the building of an immense factory at a cost of hundreds of thousands of dollars.

The engines, known as the Ottawa Kerosene Engine, are shipped on 90 days' trial. The correct construction, durability, horse power rating, fuel consumption and easy operation are all guaranteed under a written 10-year guarantee, making the economy of Ottawa kerosene power a proved fact for every user.

Mr. Long has just issued a new book, printed in three colors, which shows the construction and operation of all his engines in full detail. This remarkable book makes engines thoroughly and easily understood, even to those who have never seen any engines. In engine book making, Mr. Long has excelled, just as his many thousands of customers say he has excelled in engine building. His book gives full information of his entire line of sizes—1½, 2, 3, 4, 5, 6, 7, 8, 10, 12, 16 and 22 h. p., and styles in stationary, portable and saw-rig outfits. Every intending engine user should by all means read this exceptional book before arranging to try any engine. This book is sent free, simply by writing for it to Geo. E. Long, Ottawa Mfg. Co., 557 King St., Ottawa, Kansas.—Advertisement.



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Novelty House, Dept. M. H., Topeka, Kansas

Farm Congress Makes Awards

The entire period set for the holding of the International Soil-Products Exposition, at Kansas City, passed by without the great show being permitted to open its doors. The ban forbidding public gatherings of any kind occasioned by the Spanish influenza epidemic went into effect in Kansas City just 30 minutes before the time set for the opening of the doors of the exposition.

Large collective exhibits, illustrative of the agricultural and other resources of a dozen states had arrived and most of them had been placed in position. The great combined exhibit of the United States government, the official British war exhibit, and many other special exhibits, as well as entries by more than 5,000 individual farmers throughout the United States and Canada were on hand. Very few people were permitted to see any of these, as the doors never were officially opened.

The International Farm Congress, which stages the Soil-Products Exposition, was scheduled for a three days' session. Out of 5,000 delegates and members expected, all but 1,000 were kept away by the epidemic. Final adjournment was taken after holding one brief session.

At the united request of exhibitors present, the board of governors of the farm congress permitted judging of the exhibits in place on a ribbon and trophy basis only. Following are some of the principal awards:

Best exhibit by a state, nation or province: First, Kansas and Nebraska equal; third, Manitoba; fourth, Missouri.

Most artistic exhibit by a nation, province or state: First, Manitoba; second, Kansas. Best display of small grains by a nation, province or state: First, Kansas; second, Manitoba.

Best display of corn by a nation, province or state: First, Missouri; second, Kansas.

Best display of sorghums by a nation, province or state: First, Florida; second, Kansas.

Best display of fruits by a nation, province or state: First, Missouri; second, Kansas.

Best display of vegetables by a nation, province or state: First, Manitoba; second, Nebraska.

Best exhibit by a county: First, Boone, Bluff county, Nebraska; second, Pike county, Illinois; third, Wyandotte county, Kansas; fourth, Moore Haven, Florida; fifth, St. Francois county, Missouri.

Best exhibit by Agricultural college: First, Missouri; second, Kansas.

Best collective exhibit by an individual farmer: First, Mrs. Fannie A. Kinck, Clarksville, Iowa; second, Andrew Ruder, Webster Grove, Missouri; third, Simon Baumgartner, Pierce City, Missouri; fourth, Alfred S. Rollo, Moore Haven, Florida; fifth, F. B. Clark, Wentworth, Missouri.

Best collective exhibit of dry-farmed products: Samuel Larcombe, Birtle, Manitoba, Canada.

World's Sweepstakes Wheat: Seager Wheeler, Rosthern, Saskatchewan, Canada.

World's Sweepstakes Corn: Alva Mann, King City, Mo.

The Dry-Farming Congress and the Irrigation Congress were incorporated into one body, under the title of the International Farm Congress. This action was taken at the joint session at Kansas City.

The International Farm Congress, while planning to carry out more aggressively than ever the work of each of the two organizations from which it springs, has also placed itself squarely behind the problem of land reclamation, settlement and development following the War. This includes not only the irrigation projects and the dry-farming areas, but swamp lands, overflow lands, cut-over timber lands and all other waste places.

Secretary Franklin K. Lane, of the Department of the Interior, has called the attention of the entire country to the need of a comprehensive plan of reclamation and settlement of the waste places, and has asked the co-operation of the farm congress organization in carrying it out. It was largely by way of response to this invitation of Secretary Lane that the delegates to the recent farm congress sessions took the action stated.

The general office of the International Farm Congress will continue at Kansas City.

Aggie College Reopens Nov. 4

Regular classes in the Kansas State Agricultural college have been closed for sometime on account of the influenza. They will not reopen until Monday, November 4. Health conditions in the college are rapidly becoming normal, but the situation outside the institution is such that postponement of reopening is felt to be wise.

The members of the students' army training corps will go to their classes as usual beginning Monday, October 28.

Buy War Savings Stamps every month.

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"The Permanent Furniture for Your Home"



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Why not put a kitchen cupboard or an ironing board in your old home? Either one will make your work easier.

You will find that a linen closet or medicine case will save many steps.

Go to your lumber dealer today and pick out from the big CURTIS catalog the pieces of CURTIS furniture you want. Be sure to pick CURTIS Woodwork—unsurpassed in design, material, workmanship and finish. When it is received you will know it by the trademark on every piece.

But keep on planning your new home. Remember the Kaiser has only delayed your building.

Send for your choice of our home books today. They show exteriors, interiors and floor plans. They give ideas of how and why CURTIS built-in furniture and woodwork make a better built home. Clip the coupon.

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The makers of Curtis Woodwork guarantee complete satisfaction to its users.
"We're not satisfied unless you are"



The Curtis Companies Service Bureau,
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Without obligation, please send me, free:
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Make Money Selling Furs

The Right Baits and Good Traps Insure Success

BY G. J. THIESSEN

SUCCESSFUL trappers use baits. The amateur does also, only too many and in the wrong place. In fact an examination of sets made by young trappers is proof that they lose more skins than they take by employing bait when it ought not be utilized.

Usually it is a good idea not to employ a "draw" of any kind unless there is no chance of getting the fur otherwise. However, when it is necessary to use an attractor, one must know what to select and how to place it to the best advantage.

All decoys may be divided in two classes; natural and artificial. Of the former are the foods; of the latter scents and decoys. But before one can intelligently use that which is best, he must know something about the habits of the animals. For instance, all of the smaller ones are flesh eaters with the exception of the muskrat. The raccoon can be lured with both vegetables and meat. The muskrat exists upon roots and similar foods. Some say it will eat flesh but after hundreds of experiments, it has never been definitely proved that this is true.

The Natural Foods

For the skunk and civet, fresh, bloody meat is good. Sometimes mice and small birds can be utilized. The heads of chickens and other fowl are employed to some extent but in most cases have not found favor with the pelt hunters.

When you desire to catch the raccoon use fish—fresh, canned or smoked. The last named is usually best for the reason that the odor can be detected for long distances by the animal. Clams, comb honey, apples, corn and similar baits give good results.

The mink seems to consider muskrat flesh a delicacy. Pieces of rabbit also serve equally as well. As a rule, it is best to make one carcass serve about 10 traps. Small fish are recommended. In some sections plucked birds, muskels, frogs and similar baits are used.

Blood attracts the weasel. The fur bearer may be lured with almost any kind of fresh meat. The head of a rabbit if arranged in a natural position also serves nicely. Feathers are good too when sprinkled with bits of meat or when entrails are scattered among them.

If you desire to catch the muskrat, employ parsnips, carrots, apples, potatoes or other vegetables. The first is considered best because of its pungent odor.

Artificial Decoys

Of the artificial decoys, there are a number for the various animals. Some of the patent compounds are good and some are worse than nothing. Years ago when the need for scent was recognized, an excellent preparation was put on the market. It sold well but others eager to get the money and caring little whether the trapper benefited or not, put out mixtures which had no other claim than being highly advertised. Naturally, pelt hunters soon saw they were being swindled and this gave the patent baits a bad name. Yet were I to go on the line there is any one of a half dozen that I could select, knowing they would actually be of value to me.

But the amateur trapper, in many cases, is not a competent judge of a lure. There are many who cannot take the fur bearers and are unwilling to learn. They imagine knowledge of no value but depend upon a scent to get them the skins. If they fail, naturally the "draw" is worthless. In other words they condemn good attractors because animals will not spring their crude trap sets. There is one manufacturer who recognizes this so thoroughly that he does not wish to sell his product to beginners at all. And he makes a decoy second to none and one which if used intelligently, will prove of value on the line.

A good home-made scent can be made by chopping up small fish and letting them rot in the sun. It is best to put the particles in an ordinary fruit jar. A few drops of the oil will lure all flesh eaters.

For muskrat, get a beaver castor and cut it open. Soak this in any

kind of alcohol for a week or 10 days. This decoy is excellent.

The best scent for each animal can be obtained from the generative glands of the female, especially if taken during the mating season. Squeeze the contents of the sacs into a small quantity of alcohol. The glands of the mink should be used only for drawing mink; the glands of the weasel, for weasel. While experiments have shown that such decoy often will lure other species than for which it was intended, it is best not to use it as a general bait.

Never place an attractor on the pan of the trap. Always arrange it in such a position that when the fur bearer attempts to investigate, it will get into the set.

Generally speaking, baits are better right after cold weather than at any other time of the season. This may be accounted for by the fact that the animals, as a rule, den up in the middle of the winter and are hungry when they come out again.

So far as possible, draws ought to be placed as natural as possible. Seek to arrange the lures so they seem to have been placed there by accident and not to be connected with traps. When the pelt hunter discovers this and uses it to good advantage, his catch is bound to increase.

Meat baits ought always be fresh. This does not mean that they should be changed every morning. To do so is likely to cause the fur bearers to be suspicious.

Crows, jays and hawks, are practically worthless as attractors. It is best not to employ them, for it has been proved again and again that they have little value so far as decoying the smaller fur bearers is concerned. It is well also to remember that flesh after it has been frozen for several days loses its power to lure animals.

To Fight Tuberculosis

The agricultural appropriation bill for 1919 just passed by congress contains an item expected to be of great importance in the federal and state campaign to eradicate tuberculosis among cattle and swine. It provides that the federal government shall pay indemnity to owners whose cattle are slaughtered because they have been found infected with tuberculosis.

The United States Department of Agriculture is to pay one-third of the difference between the appraised value of the cattle and the salvage value of the slaughtered animals, provided that the state, county or municipality in which the cattle are owned and kept is co-operating in the tuberculosis work and pays at least an equal amount to the owner. In no case is the government to pay more to the owner than is paid by the state, county or municipality. No payment by the government is to be more than \$25 for any grade animal or more than \$50 for any purebred animal, and no payment is to be made unless the owner has complied with all quarantine regulations.

On July 1, the Department of Agriculture issued its first list of herds officially accredited as free from tuberculosis. The herds numbered on that date approximately 240. Another important development expected to hasten tuberculosis eradication was the unanimous adoption by breeders and livestock sanitarians of national reputation of regulations for accrediting purebred herds of cattle.

The yearly loss from tuberculosis among cattle and hogs is reckoned at 40 million dollars in the United States. The federal campaign to eradicate the disease is of comparatively recent beginning. It has been divided into three well-defined projects. The first project is the eradication of tuberculosis from individual herds of purebred cattle; the second is the eradication of cattle tuberculosis from circumscribed areas; the third is the eradication of tuberculosis among swine.

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Mink Has Come Back

BY D. B. SILBERMAN

Eight years ago the mink was about the most popular of furs and the wise trapper was making every effort to catch the sly animal, because of the extreme high prices he could realize for the pelts. At that time most any kind of a mink skin would net the trapper \$5 and many sold up to \$10. Then came a change. Fickle dame fashion ruled that mink furs were not to be worn, and we all know what happened. The skins accumulated on the dealers' hands, they began to cut prices and still could not sell them. This condition prevailed for several years, and most trappers began to leave mink alone. The prices they received for the skins were very small.

The past two seasons they have been coming back gradually, but this year they are again on top. Everyone wants mink furs, and as the demand makes the price, prices are very high and will continue high thruout the season.

Mr. Trapper will do well to get all the mink possible this winter—but—don't catch them until the pelts are prime.

The mink is a very suspicious animal and considerable care must be taken in setting traps to see that the trap is concealed. As the flesh of the muskrat and fish are very popular food for the mink, they make good bait for your traps.

The trapper who successfully traps mink this year is sure of big returns.

Poultry Meet November 25-30

Kansas City has been selected by the American Poultry association as the place for holding its annual Missouri branch convention.

This meeting will be held in connection with the Heart of America Poultry show in Convention hall, Thanksgiving week.

Besides the Missouri state convention, three national exhibits and meetings representing the American Buff Orpington club, the National Black Langshan and the International Bantam club, are to be held at the same time in connection with the regular exhibit.

The national club exhibits were formerly held with poultry exhibitions in Chicago, New York and Boston.

National judges from New York, Michigan, Missouri, Texas and Kansas have been obtained to judge the 3,000 producers of "hen fruit" which, it is expected, will be on exhibit.

Government, state experimental station and other exhibits are now assured. These exhibits together with lectures, models, and pictures, are expected to prove a source of help and encouragement to back yard poultry raising.

Better Conditions for the Kansas Farmers

From the Russell Record.

Governor Capper is standing for legislation that will give to the farmers fair markets and better conditions and an equitable adjustment of the burdens of taxation. The war's cost, he says, must be levied on the big incomes and excess war profits, and not upon the great industrial army that produces the foodstuffs of the nation. The farmers will pay their proportion willingly, but they shall not be made the victims of the war-plundering, profiteering and price-gouging blood-suckers.

"If the price of our farmers' wheat must be fixed," Governor Capper said, in a recent speech, "I insist that the price of the coal, clothing, farm implements and their other necessities must also be fixed. Speaking for the Kansas farmers especially, I shall demand that they no longer be made the 'goats' for the vampires who would suck the very life-blood from the men who feed the world."

Kafir Production Increasing

Kafirs are increasing in production in the country with astonishing speed. The crop of 53,858,000 bushels in 1916 increased to 75,866,000 bushels in 1917, and the prospect for 1918, based on the present conditions, is a crop of 110,005,000 bushels, or more than twice the crop of two years ago.

Let's raise more poultry and sheep.

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For many years we have made a specialty of handling early caught furs and we can pay you a better price for this class of furs than ever before.

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Pictures of a Herd of Seals in beautiful colors illustrating how the seal lives in his native state. Free to anyone interested in fur business. Write today.

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SELECTED S. C. SMOOTH LEGGED BUFF Orpington cockerels, \$2. \$2.50 November. J. M. Caldwell, Garnett, Kan.
THOROUGHbred S. C. BUFF ORPINGTON cockerels, \$2 to \$4. Pullets, \$2. Mrs. John Hough, Wetmore, Kan.
WHITE ORPINGTON COCKERELS FROM pen best layers headed by cock from 200 egg hen. \$5. Mrs. Helen Lill, Mt. Hope, Kan.
CHOICE S. C. BUFF COCKERELS. Sired by Martz and Sunwick cocks, \$2.50 each this fall. Also three of above cocks, \$5 each. Joe B. Sheridan, Carneiro, Kan.
FOR SALE—PRIZE WINNING CRYSTAL White Orpingtons, largest type. My birds noted for whiteness and laying qualities. Sunny Slope Poultry Farm, Troy, Kan.

PLYMOUTH ROCKS.

FINE BARRED BIG BONED COCKERELS, \$3. Law/Harter, Centralia, Kan.
BUFF ROCK HENS—A FEW NICE ONES for sale. William A. Hess, Humboldt, Kan.
BARRED ROCKS FOR SALE OR TRADE on pump gun. A. Hassler, Enterprise, Kan.
RINGLET BARRED ROCK COCKERELS, \$3 and \$5 each. Mrs. Lynn Bailey, Lyndon, Kan.
EXTRA FINE PURE BARRED ROCK cockerels, \$2 each. Martha Shearer, Frankfort, Kan.
PURE BARRED ROCKS, PULLETS, \$1.50 each; March cockerels, \$3. Mrs. S. Van Scyoc, Oak Hill, Kan.
RINGLET ARISTOCRAT BARRED ROCK cockerels. Light mating \$2 up. Mrs. A. Anderson, Greenleaf, Kan.
BRADLEY AND ARISTOCRAT RINGLET Barred Rock cockerels. Fine stock. Etta Pauly, Junction City, Kan.
PURE BARRED ROCK COCKERELS, \$1.75 each. From nice, large stock, farm raised. L. R. Pixley, Wamego, Kan.
PURE BARRED ROCK COCKERELS, \$2 each. Large boned, vigorous, farm raised. Mrs. H. Buchanan, Abilene, Kan.
FINE BARRED ROCK COCKERELS AND pullets from heavy egg strain, \$1.50 and \$2. Mrs. R. Harbison, DeSoto, Kan.
BARRED ROCK COCKERELS, PUREBRED from prize-winning stock, \$3-\$5; pen raised. Earl Knepp, Waverly, Kan.
PARK'S 200 STRAIN BARRED PLYMOUTHS. Cocks, \$3; hens, \$2; cockerels, \$1.50 up; pullets \$1.25. Too cheap, but room. R. B. Snell, Colby, Kan.
PURE BRED BARRED ROCKS, EIGHT-teen years careful breeding. Cockerels with size and quality, \$2 to \$5. Glendale Farm, C. E. Romary, Prop., Olivet, Kan.

RHODE ISLAND REDS.

ROSE COMB RED COCKERELS, \$1.50-\$4. Lewis Bauer, Dover, Kan.
S. C. RED COCKERELS, \$1 TO \$4 NOW. Mrs. Joseph Sedgewick, Kan.
THOROUGHbred DARK ROSE AND SINGLE Comb cockerels, \$2. Mrs. Susie Lenhart, Hope, Kan.
DARK RED SINGLE COMB REDS, GOOD scoring, heavy boned, guaranteed. Lela Osterfoss, Hedrick, Iowa.
ANCONA—R. C. RHODE ISLAND REDS. Cockerel for sale \$2.00 and up for good breeding stock. Eggs in season. Emmett Pickett, Princeton, Mo.

RHODE ISLAND REDS.

THOROUGHbred ROSE COMB RED cockerels, from fine layers, three dollars. W. Clyde Wolfe, Elsworth, Kan.
ROSE COMB REDS FROM PRIZE WINNERS. Rich dark velvety red cockerels, \$5. Mrs. Chancey Simmons, Erie, Kan.
EARLY HATCHED ROSE COMB RED cockerels. Big, growthy fellows, \$2. Bargains. J. P. Fengel, Lost Springs, Kan.

WYANDOTTES.

WHITE WYANDOTTE COCKERELS, \$1.50. Homer Ruth, Moundridge, Kan.
MARCH COCKERELS AND PULLETS. Gnette & Gnette, Florence, Kan.
BUFF WYANDOTTE COCKERELS, \$2.50 each. James Hollister, Quincy, Kan.
CHOICE BUFF WYANDOTTE STOCK. Jno. P. Ruppenthal, Russell, Kan.
COLUMBIAN WYANDOTTE COCKERELS from prize winners, cheap. J. J. Pauls, Hillsboro, Kan.
BIG BONED COCKERELS FROM MY Henrietta line of layers. A few hens and pullets for sale. Plock's White Wyandotte Farm, Clay Center, Kan.
WHITE WYANDOTTE COCKERELS FROM record sires of Steven's American and Barron's English laying strains, \$3 to \$6 each. Satisfaction guaranteed. H. A. Dressler, Lebo, Kan.

TURKEYS.

PURE BRED WHITE HOLLAND TOMS, \$7. Hens, \$5. Wm. Hartman, Meriden, Kan.
BOURBON RED TURKEYS, TOMS, \$7; hens, \$5. Mills Bryan, Osage City, Kan.
PURE BRED BOURBON RED TURKEY TOMS, \$5. Will Hofmeister, Claflin, Kan.
LARGE DARK PURE BOURBON TOMS. Nov., \$6; Dec., \$7.50. Jos. Creitz, Beloit, Kan.
BOURBON REDS, FULL BLOOD, HENS, \$4; toms, \$6. Lester Augustus, Oakley, Kan.
BOURBON RED TURKEYS, NICELY marked; large, very early toms, \$6; hens, \$4.50. O. K. Lynn, Lane, Kan.
EARLY HATCHED BOURBON RED TURKEYS. Purebred toms, \$5.50; hens, \$4. Henry S. Voth, R. 2, Goessel, Kan.

SEVERAL VARIETIES.

ANCONA AND BLUE ANDALUSIAN COCKERELS, \$1.50 each. John Smutny, Irving, Kan.
FINE ROSE COMB BUFF LEGHORN AND Single Comb Ancona cockerels, \$2.50 each. Goldenrod Poultry Farm, Mesa, Colo.
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.
PURE BRED COCKERELS. RINGLET Barred Rocks and S. C. Buff Orpingtons, \$3 each if taken soon. Satisfaction guaranteed. The first checks get them. Mrs. R. B. Donham, Talmo, Kan.
1,000 FINE SHOW AND BREEDING BIRDS for sale in November. Barred Rocks, Brown, White, Buff, Silver and Black Leghorns, Langshans, Cochins, Brahmas, Polish, Bantams, Ducks and geese. Best bargains ever offered. Write today for prices on what you need. Modlins Poultry Farm, Route 7, Topeka, Kan.

POULTRY WANTED.

RUNNER DUCKS WANTED. EMMA AHLESTEDT, Lindsborg, Kan.
THE COPE, TOPEKA, WANT YOUR Thanksgiving turkeys and other fowls. Write for coops and prices today.
THOROUGHbred SINGLE COMB BROWN Leghorn cockerels. Pedigreed cockerels preferred. Satisfaction must be guaranteed. Mrs. Henry Brockelman, Holton, Kan.

DOGS.

AIREDALE PUPPIES FROM REGISTERED stock. "Stoveport," Route 3, Independence, Mo.
FOR SALE—AIREDALE TERRIERS known as the most useful of all dogs. Please write and let me tell you about ours. E. J. Barnes, Clay Center, Neb.
FOR SALE—SOME GOOD PART STAG and part greyhound pups, eleven months old, price seven dollars each, satisfaction guaranteed. Ed Knowles, Kiling, Kan.
SEEDS AND NURSERIES.
DON'T FOOL WITH TREE PEDDLERS. Write for our prices of high grade nursery stock direct to planters. Ozark Nursery, Tahlequah, Okla.
FARMERS' ASSOCIATION, ATTENTION. Genuine Red River Early Ohio seed potatoes, fancy stock. Write or wire. C. H. Gonder Commission Co., 218 Produce Exchange, Kansas City, Mo.
SWEET CLOVER AND CHOICE ALFALFA seed wanted. Mail us samples. We buy any quantity and pay your draft with bill of lading attached. The L. C. Adam Mercantile Co., Cedar Vale, Kan.

FOR SALE.

FOR SALE—CATALPA POSTS, CARLOTS. H. W. Porth, Winfield, Kan.
FOR SALE—DANDY 10-20 KEROSENE tractor, \$400. S. B. Vaughan, Newton, Kan.
FOR SALE—HOLLAND CABBAGE, \$3 PER cwt., \$2.25 cwt. 1,000 lb. lots or more. The Copes, Topeka, Kan.
FOR SALE—HUME TRACTOR 20-30, 4 bottom LaCross plow, 110 volt dynamo. Geo. Buntz, Chase, Kan.
WANTED TO BUY—SMALL SIZE MAY-tag shredder, State price and condition. H. A. Reynolds, Cashion, Okla.

FOR SALE.

FOR SALE OR TRADE—ONE 16-35 SAN. dusky tractor on a good steam engine or Case separator. John Unger, Peabody, Kan.
TRACTORS FOR SALE—25-40 H. P. RUMBLE with plows, price \$1,000. International 15-30 H. P., \$500. J. W. Anderson, Kiowa, Kan.
PURE EXTRACTED HONEY, PUT UP IN 60 lb. cans, 30 cents per lb.—30 lb. or 12 lb. cans, 32 cents. F. O. B. here. Roy Bunker, Eskridge, Kan.
MOLASSES—PURE SORGHUM, MADE THE good old fashioned way. Six ten lb. pails to case, \$7.50 per case. Sample mailed free. S. Rosenblatt, Hawesville, Ky.
BEAUTIFUL NEW SIX APARTMENT building. Income \$3,120 annually. Price \$27,500. Clear. Want farm equal value. Nofftz, 632 Reserve Bank, Kansas City, Mo.
BUICK SIX—GOOD TIRES, FIRST CLASS shape. Bargain for cash. Enos McKenzie, 511 West 10th, Topeka, 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 WHOLESALE AND RETAIL. Lumber direct from mill in car lots, send itemized bills for estimate. Shingles and rubber roofing in stock at Emporia. McKee Lumber & Grain Co., Emporia, Kan.

LANDS.

FARM BARGAINS. WRITE ME WHAT you want. Deane L. Smith, Colony, Kan.
FOR SALE OR TRADE FOR LIVESTOCK. \$1,000 equity in one quarter of Seward county land. Edw. Harbaugh, Coldwater, Kan.
GOOD FARMS IN NORTH CENTRAL ARK. Kansas, low prices, healthy country. Free stock range. No droughts. Write S. S. Hull, Batesville, Ark.
WHEAT AND GRASS FARMS. \$45 to \$65 per acre. Near Chanute, S. E. Kansas. Our new list gives description and prices. All sizes. Home Inv. Co., Chanute, Kan.
BOOKLET ON REQUEST, PRESENTING facts by State Commissioner of Agriculture, describing the Mazarn Valley in the Ozarks, ideal for dairying and stock farming. Address: Mazarn Valley Land Company, 847 Central Ave., Hot Springs, Ark.
COFFEY COUNTY FARM. 120 ACRES near town, 60 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, Kan.
SOUTHWEST KANSAS IS DEVELOPING fast. Farmers are making good profits on small investments. It is the best place today for the man of moderate means. You can get 160 acres for \$200 to \$300 down, and no further payment on principal for two years, then balance one-eighth of purchase price annually, interest only 6%—price \$19 to \$15 an acre. Write for our book of letters from farmers who are making good there now, also illustrated folder with particulars of our easy purchase contract. Address E. T. Cartledge, Santa Fe Land Improvement Company, 404 Santa Fe Bldg., Topeka, Kan.

FARMS WANTED.

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

PATENTS.

WANTED IDEAS. WRITE FOR FREE patent guide books, list of patent buyers and inventions wanted. \$1,000,000 in prizes offered. Send sketch for free opinion of patentability. Victor J. Evans & Co., 325 Ninth, Washington, D. C.

HONEY AND CHEESE.

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

MISCELLANEOUS.

CONTAGIOUS ABORTION PREVENTED by R. Harold, Manhattan, Kan.
WANTED—300 STEERS TO PASTURE. Gramma grass. Marlon A. Barlow, Sugar City, Colo.
EXPERIENCED MAN WANTS WORK ON up-to-date farm or ranch. Send offer to Box 462, Meade, Kan.
KODAKERS—FREE ENLARGEMENTS from your films. Ask us! Williams Studio, Beatrice, Neb.
KODAKERS—ANY SIZE ROLL FILM DEVELOPED and six prints made for twenty-five cents. E. J. Runner, Edgerton, Kan.
WANTED TO BUY HEDGE, LOCUST, MULberry and catalpa posts. Also locust and catalpa groves. Address Fence Posts, care Mail and Breeze.
BETTER LIGHTS FOR FORDS! INSTALLED in few minutes, guarantee light equal storage battery, lasts lifetime. Sample, \$1.50. Walco Mfg. Co., Wichita, Kan.
MEN, WOMEN, 18 OR OVER, WANTED immediately for U. S. government war positions. Thousands open. \$100 month. Write immediately for list positions. Franklin Institute, Dept. W15, Rochester, N. Y.
SHIP YOUR LIVE STOCK TO US—COM-petent men in all departments. Twenty years on this market. Write us about your stock. Stockers and feeders bought on order. Market information free. Ryan Robinson Com. Co., 425 Live Stock Exchange, Kansas City Stock Yards.
CASH FOR OLD FALSE TEETH. DON'T matter if broken. We pay up to \$5.00 per set, also actual value for bridge work, gold, silver, platinum and receive cash by Send by parcel post, and receive cash by return mail. Will return your goods if price is unsatisfactory. Mazer's Tooth Specialty, Dept. 71, 2007 S. 5th St., Phila., Pa.
HANDLE MORE BUSINESS? ARE YOU getting all the business you can handle? If not get big results at small cost by running a classified ad in Capper's Weekly. The Great News Weekly of the Great West with more than a million and a quarter readers. Sample copy free for the asking. Only 8c a word each week. Send in a trial ad now while you are thinking about it. Capper's Weekly, Topeka, Kan.

It Pays to Buy Purebred Livestock

(Continued from Page 3.)

December, 1911, also gave a very clear demonstration of the fact.

In this test a high grade Hereford was compared with a native scrub steer. The 2-year-old Hereford weighed 1420 pounds while the "scrub" was 3 years old and weighed only 800 pounds. Breeding in this case insured greater weight at an earlier age which means a saving of time, labor and feed to the farmer. The dressing percentage was 61.8 per cent for the Hereford and only 50.2 per cent for the scrub. In other words the steer of beef breeding produced 11.8 pounds more of edible meat for every 100 pounds of live weight than did the "scrub." On the market the carcasses of these steers would have graded as No. 1 for the Hereford and No. 3 for the scrub. The wholesale price of these carcasses based on quotations from South Water Street Market, Chicago, Dec. 6, 1915, was 14 cents a pound for No. 1 and 8 cents a pound for No. 3. The carcass of the Hereford steer was more valuable because it yielded a higher proportion of the valuable cuts especially that of the loin and rib. The meat was more valuable, pound for pound because it was thicker, more attractive in color, possessed a smaller portion of bone to lean meat, was marbled with fat which increased its tenderness and was protected by a thicker layer of fat covering.

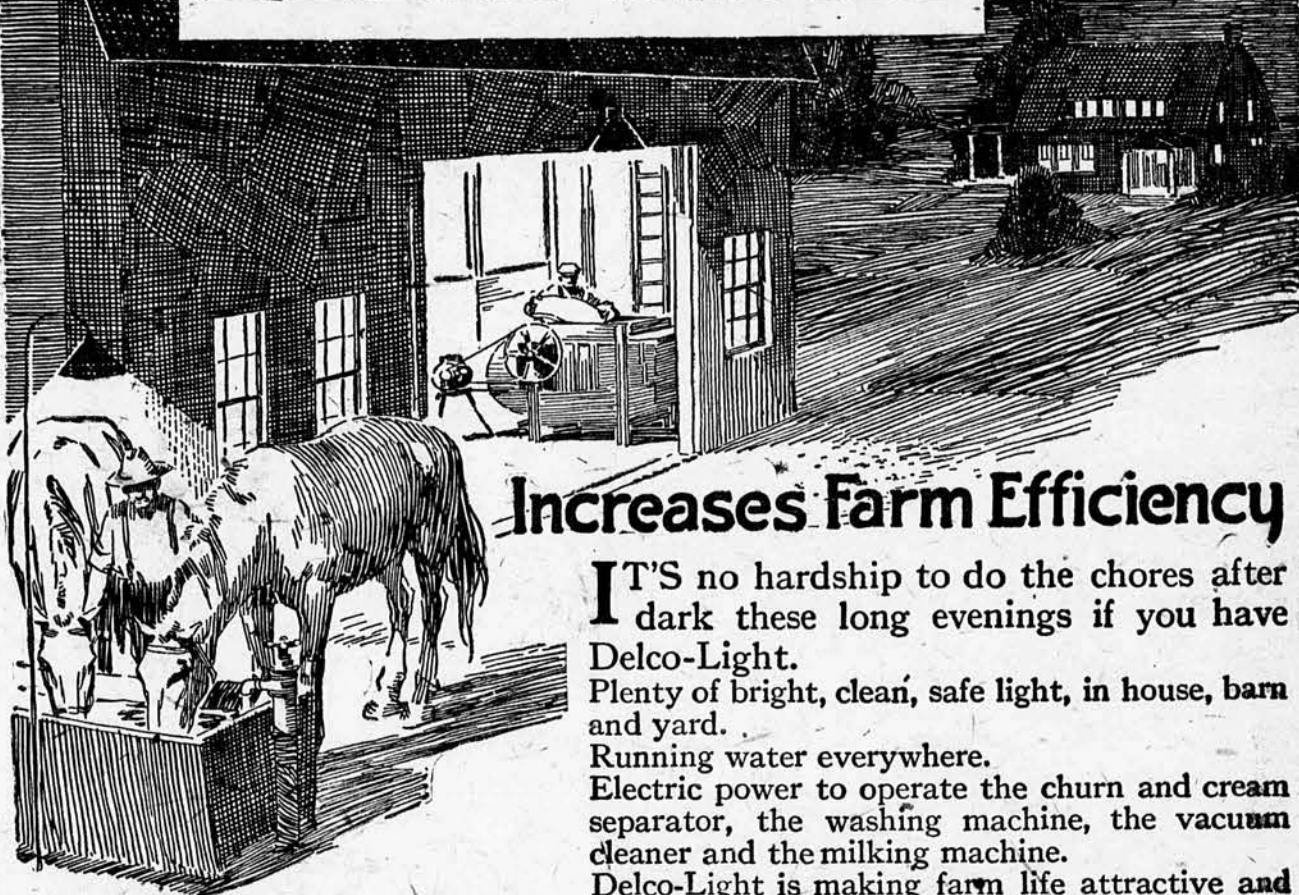
The forequarters of the Hereford held the cheapest portion of the carcass, the "scrub" having 53.41 per cent of his weight in this part while the Hereford possessed 50.22 per cent. This is a difference of 3.19 per cent less weight in the cheapest part of the carcass for the Hereford steer. The rib in the Hereford was worth 8 cents more a pound than for the same part in the "scrub" and it composed a larger proportion of the weight of the carcass. In the hindquarters, the loin of the Hereford was valued at 24 cents a pound, and composed 21.18 per cent of the carcass worth \$44.64 or 36 per cent of the entire carcass. The scrub loin was valued at 11 cents a pound or 45 per cent less than the Hereford. In this case the loin composed 17.31 per cent of the carcass and was valued at \$7.81 or 22.80 per cent of the value of the entire carcass. In every case the Hereford's carcass was proportionately heavier for the most desirable cuts and the value of such cuts was proportionately higher than the cheaper cuts as compared with the scrub steer. The fore-quarter of the Hereford carrying the highest proportion of cheap cuts composed only 38.75 per cent of the value of the carcass, while in the scrub this quarter composed 48.4 per cent of the value of the carcass. The highest price ever obtained on the St. Louis market for a beef animal was paid recently by Swift & Co. for a purebred Hereford steer weighing 1340 pounds. The price was \$19 a hundred. Another steer, an Angus, weighed 1050 pounds and was sold to the same buyer at \$17 a hundred. Both of these animals were fed by the University of Missouri College of Agriculture. Right good Missouri heaves averaging 1220 pounds sold the same day at \$16.75. This evidence indicates that the value of a beef carcass depends upon its quality and proportionate weight in its most valuable part. Breeding has made possible early maturity, high quality of meat and a high portion of the most valuable cuts as well as greater economy of production of beef animals in their development for the butcher's block.

Southern Land Congress

The Southern Land Congress will be held in Savannah, Ga., on November 11 and 12, under the auspices of land-owning and other organizations representing 15 Southern states. This congress will be addressed by Honorable Franklin K. Lane, Secretary of the Interior, and by other notable men from all sections of the United States. They will discuss farms for soldiers, and other national problems of land utilization. This convention will be one of the greatest meetings ever held in the South, and a meeting filled with promise of far reaching national benefit.

Every producer, every distributor and every consumer is individually responsible for maintaining a never-failing flow of the best quality of food from America to our troops in France.

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IT'S no hardship to do the chores after dark these long evenings if you have Delco-Light.

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Running water everywhere.

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The Domestic Engineering Company, Dayton, Ohio
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R. C. Parsons, 1322 Main St., Kansas City, Mo.

Delco-Light is a complete electric light and power plant for farm or country home.

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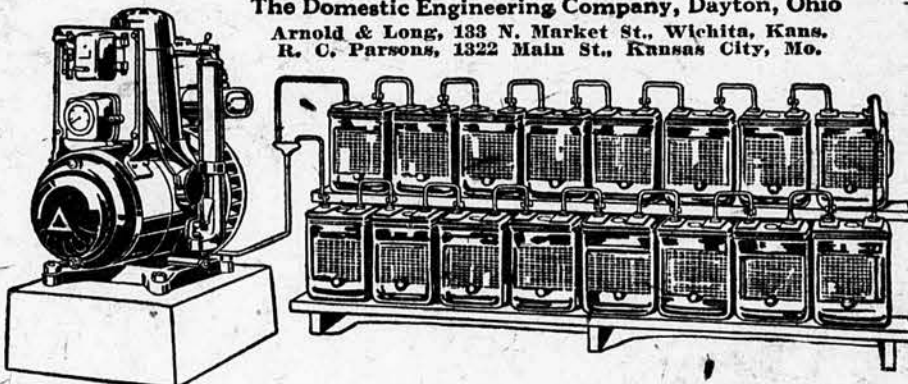
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The Million Dollar Sweeney Auto School has added another mammoth building with 200,000 feet of floor space. The newly added building is used exclusively for military mechanical training—the original building is still a commercial school. Here you are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

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

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SWEENEY AUTO & TRACTOR SCHOOL
518 Union Station Plaza, Kansas City, Mo.

Eight War Songs 10c

With both words and music including "Every Little Girl," "Buddie Is Another Name for Soldier." Send 10 cents, stamps or coin.

Novelty House, Dept. 88, Topeka, Kansas

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

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KANSAS

FOR FARM LANDS in the fine farming Neosho Valley, write or see S. M. Bell, Americus, Kan.

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

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

IMPROVED 160, \$1,000 down, balance 6%. Price, \$52.50 per a. E. H. Fast, Burlingame, Kan.

605 A. RANCH, 100 a. bottom, 400 a. fine meadow. Well watered near R. R. town. Price \$40. L. S. Hoover, Eureka, Kan.

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

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

FOR SALE—Number 1, wheat and stock ranch, 400 acres. Write for description. A. C. Bailey, Kinsley, Kansas.

FOR SALE good 80 acres of wheat land in Osborn Co., Kan. For price and particulars, address, Owner, Box 83, Linn, Kansas.

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.

80 ACRES 2 1/2 mi. town, improved, mil. school, 70 cultivation, \$45 acre, \$1,200 handle, 80 acres improved, mil. 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.

240 A. extra good soil, twenty thousand, improvements, no better location, price eighteen thousand, if sold within thirty days. You'll find no better bargain.

V. C. Archer Land Co., Colony, Kansas.

IMPROVED 240 ACRE FARM 140 a. splendid valley alfalfa land, black soil, balance good pasture, good house and barn. Price \$55 per acre. Choice investment. M. T. Spang, Fredonia, Kansas.

COME TO LYON CO. for good wheat, corn and alfalfa land. Best schools, churches and railroads in U. S. A. We have all kinds of farms and ranches for sale. Staats & Hedrick, Emporia, Kansas.

RANCH 1120 acres, 100 wheat, living water, highly improved, 30 head stock, tools and equipment \$26,500. Carry \$11,000. Pay agent sending buyer \$1,000 com. or take off as much to direct buyer. Box 141, Ute, Kan.

FOR SALE—90 a. well improved river bottom farm in S. E. Kansas, 55 a. in wheat, 10 a. in alfalfa, 10 a. in Catalpa trees, 80 a. in cultivation. This is an A-1 farm. Address A. Care Mail and Breeze, Topeka, Kansas.

BARGAIN—80 acres, imp., close to school and church, 14 a. alfalfa, 20 a. timothy and clover, 20 a. wheat, 1/2 goes, balance in pasture. Price \$4,500.

Geo. M. Reynolds, Waverly, 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.

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.

80 Acres for \$1500

Only 7 mi. Wichita. Virgin black loam soil. New 4-room cottage, new barn, etc., only \$6,500; \$1,500 cash, \$500 year. Snap.

R. M. Mills, Schweiter Bldg., Wichita, Kan.

400 A. WHEAT LAND

Harper county, Kansas. 6 1/4 miles north-east Anthony. Good tenant improvements, 300 acres in cultivation, is practically all rich, deep, producing soil. 100 acres high class grass land, good neighborhood and can sell on good terms. Price \$42.50 per acre.

Couch Land Co., Anthony, Kansas.

240 A. FINE LAND IN COFFEY COUNTY

32 a. wheat, all goes; 96 a. wheat, 1/2 goes. Balance for spring crop. Some alfalfa sown and there is 65 or 70 a. of the best alfalfa land. Good 7-room house, good barn, about 36x50. Cattle and hog barn, about 30x70. Good double granary, nearly new, 24x32. Storage house over cellar. Price \$16,000.

W. H. LATHROP, WAVERLY, KANSAS.

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. Bocock & Son, Cottonwood Falls, 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.

154 ACRES, 2 1/4 miles railroad town; 45 acres good pasture; 50 acres wheat; decent improvements; 20 miles Ottawa, Kansas; all good tillable land. Price \$65 per acre, \$2,500 cash, remainder 5 years 6%.

CASIDA & CLARK, OTTAWA, KANSAS.

800 ACRES, 6 miles of town, 600 acres grass, small improvements, \$20 per acre, \$1,400 cash, half of crop for 5 years, without interest, balance 5 years, 6% interest. Best stock proposition in country.

Fouquet Brothers, Ransom, Kansas.

80 ACRES, creek bottom, limestone soil, abundance of good water, 6-room house, barn, etc. Orchard, some timber, 1/2 mile school, 5 miles town. Bargain. \$6,500. Come at once or write for descriptive booklet and description of any size tract.

Mansfield Land & Loan Co., Ottawa, Kan.

GOOD CREEK BOTTOM FARM, 160 acres, 6 miles from town, near school, on main auto road, 20 acres alfalfa, 30 wheat, 50 for corn, 60 pasture, good timber and plenty of water, good 6-room house and large barn; \$75 per acre.

T. B. GODSEY, EMPORIA, KANSAS.

BEAUTIFUL 150 A. Shawnee Co., Kan. farm, 3 1/2 mi. from railroad, 15 mi. from Topeka, only \$65. Twenty years time on 1/2. Can fit you out in any size farm desired.

J. E. THOMPSON, (The Farmer Land Man) Route 15, Tecumseh, Kan.

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.

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, \$8,000. Mfg., \$1,800. Want western land, 160, Gray Co., \$3,500; Mfg., \$1,600. Want good car, carry difference, 40 a. Ford Co., all in wheat, \$75 a. Mfg., \$1,000. Want clear western land. E. W. Moore, Spearville, Kan.

FOR SALE—320 a. in Finney Co., 6 mi. from town, unimproved. Price \$4,000. Will take part in Liberty bonds. \$4,000. 240 a. in Jefferson county, joining county seat, a good stock farm, 100 a. in wheat, some alfalfa; all farming land, good alfalfa land, 160 a. in cultivation, well watered, imp. fair. Price \$38 per a. Part bonds. Address, LOCK BOX 265, OSKALOOSA, KAN.

80 ACRES, 2 miles of Ottawa, lays well, fair improvements, \$7,600. 130, 1/2 mile high school, good land, strictly modern house, gas, water and electricity, finished white oak including floors. Best farm house in county, cost \$10,000. \$100 per acre, immediate possession. Write for descriptive circular of other bargains.

DICKKEY LAND CO., Ottawa, Kan.

AUCTION, 8 farms (12 pts.) 40 to 200 acres each, Friday, Nov. 8th, 2 p. m. Unusual opportunity; 3 miles to Yates Center, in oil field. Seven of them have living water, desirable for homes. All on public road, 120 miles from Kansas City. Together, a desirable stock farm; fine improvements, well fenced. Sufficient timber and valley land, 100 acres now in wheat, made 20 bu. this season. T. A. Greening, owner. Inquire for large posters of W. B. Carpenter, Auction Co., 818 Walnut St., Kansas City, Mo., Auctioneers.

SHORT, MILD WINTERS 40 acres, small creek bottom land, no overflow. Good 3-room house, nice family orchard. Every acre in wheat; half can go with the farm by purchaser paying for the seed wheat and half the threshing. This half should make the owner \$1,000. It is in a nice neighborhood; the very best of land. Price, \$3,400; \$800 cash, balance on time as long as wanted.

Five other choice 40 acre farms at right prices. Send for complete descriptions. The Allen County Investment Co., Iola, Kansas.

COLORADO

COME TO Eastern Colorado where good land is yet cheap. Good water, fine climate, good crops, fine stock country. Write for list.

W. T. S. Brown, Seibert, Colorado.

FOR SALE—Nicely improved 160 acre farm, 17 miles from Colorado Springs, one-half mile from main highway, exceptionally well located; \$20 per acre. Address Box 165, Colorado Springs, Colorado.

160 ACRES in Kiowa Valley land, one-half mile from school, 60 acres now in crop will be sold with land; fenced; very fine chocolate loam soil. \$25 per acre. Terms, REYNOLDS, COVEY & REYNOLDS, 625 Exchange Building, Denver, Colo.

1575 ACRE cattle ranch, 10 miles from Colorado Springs; 500 acres rich valley land; large reservoir that cost \$50,000; \$25 per acre. \$10,000 cash, balance liberal terms. The Bankers Loan and Mortgage Company, 104 1/2 E. Pike Peak Ave., Colorado Springs, Colo.

4,000 ACRE FARM with 4 sets improvements, 2 200-ton silos; fully equipped with machinery, including 3 tractors; 20 cows; 40 mules and horses. Price, fully equipped, \$35 per acre, including 400 acres fall rye. Half cash, balance liberal terms. Smaller tracts if desired. Address E. J. McDermott, Colorado Springs, Colorado.

Good Rains Help Fall Crops

During the past week good rains have fallen in nearly every county of the state. In some places the rainfall amounted to 2 1/2 inches or more. This has provided stock water and has put the ground in excellent condition for wheat and other fall crops. In many counties the wheat acreage will be greatly increased on account of the present excellent outlook for that crop. The rains came just in time to prevent serious loss from the ravages of grasshoppers in Southwestern Kansas. Much of the early wheat is being pastured and this will help to relieve the feed shortage to some extent. Farmers everywhere are still complaining that they are unable to get mill feeds. Light freezes on October 20 and October 27 seriously damaged some of the late kafir and cane in the Western part of the state and that will aggravate the situation considerably in some communities.

The labor situation is becoming more and more serious in many localities and farmers realize that their cropping plans for next year will have to be modified to meet this contingency.

MISSISSIPPI

\$1.00 AN ACRE DOWN, balance long time. Mississippi Gulf Coast, the poor man's opportunity. Mild climate, good soil, home markets. Free literature. Desk A. W. T. Smith, Owner, 227 City Nat'l Bk. Omaha, Neb.

FLORIDA

CHEAPEST GOOD LANDS IN AMERICA Your chance to select from thousands of acres in South Central Florida highlands, splendid orange, garden, general farming, cattle and hog lands; wholesale prices, terms or exchange.

FLORIDA GOOD HOMES CO., Seacrest Bldg., Kansas City, Mo.

OKLAHOMA

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

The Pratt Abstract & Inv. Co., Pratt, Kan.

1250 A. 4 mi. R. R. town, this county, 500 a. cult., 75 a. timber, bal. meadow and pasture, 8-room house, big barn; 5 tenant houses, 3 silos, big orchard. \$21 per a. Terms.

Southern Realty Co., McAlester, Oklahoma.

MISSOURI

OUR BIG new list for the asking. Amoret Realty Co., Amoret, Mo.

BATES AND CASS CO., MO., improved farm bargains, all sizes. Duke, Adrian, Mo.

REAL BARGAINS in Mo. farms; write for illustrated booklet, and list. R. L. Presson, Bolivar, Mo.

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

EIGHTY A. bottom farm improved, \$1,200. Other bargains. Best of terms. W. D. Blankenship, Buffalo, Mo.

STOP! LISTEN! 80 acre part valley farm, \$3,500. Well improved; 40 acre farm, \$850. Free list. McGrath, Mountain View, Mo.

POOR MAN'S CHANCE—\$5 down, \$5 monthly, buys 40 acres productive land, near town, some timber, healthy location. Price \$200. Other bargains. Box 425-O, Carthage, Mo.

115 A., 100 a. fine bottom land, 90 a. cult., 16 a. alfalfa, bal. corn, all fenced, 4 r. house, fair barn, 3 mi. county seat on Sugar creek. Price \$7,500. Terms. Write Sherman Brown, Pineville, McDonald Co., 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.

MONTANA

MONTANA The Judith Basin offers exceptional opportunities to the farmer, stockman and investor. Sure crops, ordinary farming methods; harvest every year—not once in awhile. No irrigation, splendid climate, excellent water, good markets. You can do better in the Judith Basin. Buy direct from the owners. Prices lowest; terms easiest. Free information and prices sent on request.

Address THE COOK-REYNOLDS CO., Box K-1405, Lewistown, Montana

SALE OR EXCHANGE

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

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

FOR SALE 80 acre farm all in cultivation, all to be put in wheat. Sell or trade. O. C. Paxson, Meriden, Kan.

FOR SALE AND EXCHANGE Northwest Missouri farms; the greatest corn belt in the United States. Also western ranches. Advise what you have. M. E. Noble & Co., St. Joseph, Mo.

Some of the larger farmers expect to use tractors for field work and motor trucks for hauling in order to overcome the labor shortage to some extent. The sugar shortage will cause many farmers to plan a small acreage of sorghum cane for making sorghum sirup. Some also think of planting sugar beets for making sorghum and sirup. There is every reason to believe that next year there will be a greater diversity of crops grown in Kansas than ever before. At any rate it is safe to predict that there will be a much smaller corn acreage next year than there was this year.

Crop conditions in the various parts of the state are shown in the county reports that follow.

Douglas—Wheat seeding has been completed. The warm weather is causing it to make too rank a growth. Pasturing it down will be a difficult problem this year on account of the scarcity of livestock. Our county now has a farm demonstration agent which will be a big help to our farmers. Farm work is progressing satisfactorily. Last cutting of alfalfa has been completed. We had a good rain this week.—O. L. Cox.

Gray—The drouth has been broken with a good rain. The ground has been too wet to drill wheat for several days. The rain stopped the ravages of the grasshoppers. The soil is now in good condition for wheat and will give it a fine start before winter. In some localities feed is rather scarce. Grain will have to be shipped here.—A. E. Alexander.

Greenwood—We have had more than 5 1/2 inches of rain since October 8. Wheat is excellent but there is a large acreage yet to be sown. Livestock is in good condition and pastures are getting better. Kafir and cane have not been harvested yet.—John H. Fox.

Lyon—We have had too much rain for the wheat, and it is getting to large. Kafir and cane are sprouting in the shocks. Horses are cheap. Corn and potatoes made light crops. Hay is selling at the stores at \$1 a bale. Many apple orchards died this summer on account of the drouth. This was especially true of the old orchards.—E. R. Griffith.

Montgomery—The week has been cloudy and rainy. The rain has stopped wheat sowing and all field work. Some wheat fields are being pastured. Kafir and cane will make seed if a killing frost does not come too soon. We have but little corn and only a few hogs. Chickens are selling at 20 cents a pound, eggs 40 to 50 cents, and butterfat at 60 cents.—Mrs. J. W. Elkenberry.

Osborne—We have had an excellent rain. Fall wheat is in good condition. We still have some grasshoppers. Not much feeding is being done yet as stock is still on pasture. We think we will have plenty of rough feeds for the winter.—W. F. Arnold.

Pawnee—The past week has been wet and damp and fine for wheat. Some of the early sown wheat is being pastured. Corn husking has started. This crop is very light. There will be about the usual number of cattle fed this winter. Farmers are getting \$4 a head for pasturing cattle on wheat. Eggs are worth 40 cents; butter, 50 cents; wheat, \$2.04 a bushel, and alfalfa, 75 a ton.—C. E. Chestermain.

Reno—It has been dry here for some time, but we will have some corn. Wheat has had a good start. All rough feeds got frosted on October 20, so we expect a feed shortage. Some farmers have a few bushels of their corn. It is selling at \$1.50 a bushel; wheat at \$2.02. Eggs are worth 40 cents; cream, 63 cents, and apples \$4 a bushel.—D. Engelhart.

Save and serve should be our motto.

If War Ends Next Spring

America will have in France between 2 and 3 million soldiers. It required, at the rate of an average of 200,000 a month, about 1 year to transport them. If the War continues another year they can be brought back in a year. But if the War ends in the next few months it will require, according to advices from Washington, over two years to bring these boys home. The difference is due to the fact that British ships will not be available for transport home and at present America lacks shipping facilities. A year from now we shall have a great fleet, but now it is only in the making.

This brings up one of the most serious problems of the War. It is one thing to handle boys in the millions in training camps, where they are occupied every hour, preparing for the game of war, or in trenches and near the front actually carrying on war, and another thing to handle the same number lying idly in camps and barracks with little or nothing to occupy their time.

War work will not end with the War, but only after the armies are returned home. The problem is one that will have to be prepared for and the funds must be furnished here at home. This evident situation should be impressed on our minds. "Carrying on" in war work in behalf of the boys at the front is nowhere near finished at this time.

WHAT BREEDERS ARE DOING

LIVESTOCK SERVICE

Of the Capper Farm Papers

T. W. MORSE
Director and Livestock Editor

TERRITORY MANAGERS

John W. Johnson, N. Kansas, S. Neb. and Ia., 820 Lincoln St., Topeka, Kan.
A. B. Hunter, S. W. Kansas and Okla., 128 Grace St., Wichita, Kan.
Jesse R. Johnson, Nebraska and Iowa, 1937 South 16th St., Lincoln, Neb.
William Lauer, 1937 So. 16th St., Lincoln, Neb.
C. H. Hay, S. E. Kan. and Missouri, 4204 Windsor Ave., Kansas City, Mo.
T. W. Morse, special assignments, 300 Graphic Arts Bldg., Kansas City, Mo.
Chief Clerk: George Akerstrom.
Assistant: Miss Dacre Rea.

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.

Nov. 22—L. Bridenthal, Wymore, Neb.
Nov. 25—Lefebure Bros., Fairfax, Iowa.

Jacks and Jennets.

Mch. 25—H. T. Hineman & Sons, Dighton, Kan.

Shorthorn Cattle.

Nov. 8—O. A. Homan, Mgr., Peabody, Kan.
Nov. 11—J. R. Whisler, Watonga, Okla.
Nov. 11—Ret. Jaff Bros., Walton, Neb.
Nov. 12—H. C. Lookabaugh, Watonga, Okla.
Nov. 12—S. A. Nelson & Sons, Malcolm, Neb.
Sale at South Omaha, Neb.
Nov. 14—F. C. Barber & Sons, Skidmore, Mo.
Nov. 14—L. H. Ernst and L. Lyell, Tecumseh, Neb.
Nov. 14—J. O. Kemmel & Son, Sabetha, Kan.
Nov. 15—R. M. Young, Cook, Neb.
Nov. 18—The Hebron Sales Pavilion Co., Hebron, Neb. J. H. Barr, Sale Mgr.
Nov. 19—H. H. Churchill, Osgood City, Kan.
Nov. 21—Am. Shorthorn Breeders' Ass'n, at Kansas City.
Nov. 23—H. H. Holmes and A. L. & D. Harris, at Kansas City.
Dec. 5—Rogers & Bolcourt, Minden, Neb.
Dec. 19—Ben Lyne, Oak Hill, Kan. Sale at Abilene, Kan.
Match 5-6—South West Nebraska Shorthorn Breeders' Ass'n, Cambridge, Neb. W. E. McKillip, Mgr.

Hereford Cattle.

Nov. 15—Kansas Hereford Breeders' Ass'n, at Council Grove, Kan.
Nov. 15—Miller & Manning, Parkerville, Kan.
Nov. 19—Robt. H. Hazlett, Eldorado, Kan., at Kansas City.
Nov. 22—Am. Hereford Breeders' Ass'n, at Kansas City.
Nov. 23—J. O. Southard, Comiskey, Kan.
Dec. 11—H. R. Wilson, Garrison, Ia.
Feb. 22—C. F. Behrent, Norton, Kansas.

Jersey Cattle.

Nov. 12—W. H. Maxwell, R. 2, Topeka, Kan.

Holstein Cattle.

Dec. 12—Wichita Holstein sale. Mgr., W. H. Mott, Herington, Kan.
Feb. 11—Nebraska Holstein Breeders' Con-
signment Sales Co., Dwight Williams, Mgr.,
South Omaha, Neb.

Poland China Hogs.

Nov. 4—E. Challis, Gypsum City, Kan.
Nov. 6—M. C. Pollard, Carbondale, Kan.
Nov. 6—Smith Bros., Superior, Neb.
Nov. 11—Ed H. Brunnemer, Jewell, Kan., at Mankato, Kan.
Nov. 12—J. Dee Shank, Mankato, Kan. Sale at Superior, Neb.
Nov. 19—R. A. Welch, Red Oak, Okla.
Dec. 19—Ben Lyne, Oak Hill, Kan. Sale at Abilene, Kan.
Jan. 21—J. J. Hartman, Elmo, Kan.
Jan. 26—Adams & Mason, Gypsum, Kan.
Feb. 1—H. E. Myers, Gardner, Kan.
Feb. 1—J. H. Brown, Selden, Kan. Sale at Oberlin, Kan.
Feb. 4—von Forrel Bros., Chester, Neb.
Feb. 4—W. E. Willey, Steele City, Neb.
Feb. 4—Thos. F. Walker & Son, Alexandria, Neb.

Robison's Shorthorn Sale.

Feb. 1—Willis & Blough, Emporia, Kan.
Feb. 1—Frank J. Rist, Humboldt, Neb.
Feb. 1—Otto A. Gloe, Mankato, Neb.
Feb. 12—O. B. Clementson, Holton, Kan.
Feb. 12—B. E. Bagley, Pickrell, Neb.
Feb. 12—J. M. Barnett, Denison, Kan.
Feb. 18—O. E. Wade, Rising City, Neb.
Feb. 19—A. J. Erhart & Sons, Ness City, Kan. Sale at Hutchinson, Kan.
Feb. 22—C. F. Behrent, Norton, Kansas.
Feb. 22—Everett Hayes, Manhattan, Kan.
Feb. 26—Clarence Dean, Weston, Mo., sale at Dearborn, Mo.

Chester White Hogs.

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

Duroc Jersey Hogs.

Nov. 7—Lester Coad, Glen Elder, Kan.
Nov. 7—F. J. Moser, Goff, Kan., at Sabetha, Kan.
Nov. 15—F. E. Gwin & Sons, Morrowville, Kan., at Washington, Kan.
Nov. 19—John C. Simon, Humboldt, Neb.
Nov. 19—A. B. Beckenstette, Fairview, Kan., at Hawatha, Kan.
Nov. 19—"All-Star" bear sale. W. W. Jones, Mgr., Clay Center, Kan.
Nov. 19—Flook Bros., Stanley, Kan.
Nov. 19—R. M. Young, Cook, Neb.
Nov. 19—C. C. Dee, Tecumseh, Neb.
Nov. 21—D. J. Ryan and R. E. Mather, Centerville, Kan.
Nov. 29—A. E. Sisco-O. H. Doerschlag, comm. sale, Topeka, Kan.
Dec. 1—W. D. McComas, Wichita, Kan.
Jan. 3—O. Bayne & Son, Aurora, Neb.
Jan. 20—Theodore Foss, Sterling, Neb. (Night sale).
Jan. 26—Dave Boesiger, Courtland, Neb.
Jan. 21—C. C. Dee, Tecumseh, Neb.
Jan. 21—J. T. Whalen & Son, Cortland, Neb. Night sale, at Lincoln, Neb.
Jan. 22—Geo. Briggs & Son, Clay Center, Kan.
Jan. 22—J. O. Honeycutt, Marysville, Kan.
Jan. 22—F. J. Moser, Goff, Kan., at Sabetha, Kan.
Jan. 23—Farley & Harney, Aurora, Neb.
Jan. 24—H. D. Gelken, Cozad, Neb. Night sale, at Gothenburg, Neb.
Jan. 24—H. E. Labart, Overton, Neb.

Jan. 25—Proett Bros., Alexandria, Neb.
Jan. 28—W. 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—Ahrens Bros., Columbus, Neb.
Feb. 3—D. L. Wallace (night sale), Rising City, Neb.
Feb. 4—R. W. Wile & Son, Genoa, Neb.
Feb. 4—Guy Zimmerman, Morrowville, Kan., at Fairbury, Neb.
Feb. 5—F. E. Gwin & Sons, Morrowville, Kan., at Washington, Kan.
Feb. 6—Lester Coad, Glen Elder, Kan.
Feb. 7—L. L. Humes, Glen Elder, Kan.
Feb. 3—A. L. Wylie & Son, Clay Center, Kan.
Feb. 12—Earl Babcock, Fairbury, Neb.
Feb. 12—W. A. Williams, Marlow, Okla.
Feb. 13—Milton Poland, Sabetha, Kan.
Feb. 13—C. B. Clark, Thompson, Neb.
Feb. 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. Moore, 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. Behelman, 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, Centerville, Kan.
Mch. 5—W. H. Schroyer, Miltonvale, Kan.
Mch. 7—J. A. Beckenstette, Fairview, Kan., at Hawatha, Kan.

Hampshire Hogs.

Feb. 3—Lindgren & Nider, Jansen, Neb. Sale at Fairbury, Neb.
Feb. 23—Carl Schroeder, Avoca, Neb. Sale at Nebraska City, Neb.

S. W. Kansas and Oklahoma

BY A. B. HUNTER

Polled Durham Dispersion.

E. D. Scott, Udall, Kan., whose dispersion advertising for Polled Durham cattle appears in this issue, is ready to mail you a catalog if you want Polled Durham cows, heifers or a bull. You better arrange to be at Udall, Kan., Saturday, Nov. 9.—Advertisement.

Banbury & Sons' Polled Durhams.

J. C. Banbury & Sons, Pratt, Kan., have one of the good Polled Durham herds of Kansas. They have at the head of their herd, Roan Orange, a bull that weighs in flesh—2500 pounds. Sultan's Pride is another of their herd bulls. If you want a good Polled Durham bull they can supply you with a real bull. They are also pricing for quick sale the next 60 days, 20 Short-horn cows and heifers and a few choice young Shorthorn bulls. Banbury & Sons have some good things in the cattle line, you should see if you want either Polled Durham or Shorthorn bulls.—Advertisement.

Hampshire Herd Boars.

Walter Shaw, Wichita, Kan., has at the head of his Hampshire herd one of the best breeding sons of the noted Messenger Boy. Mr. Shaw gives his undivided attention to the hog business and his herd has responded to the attention. If you want a real herd boar, one that will put you in the Hampshire business, write him for one of those richly bred, rugged, strong yearling grandsons of the noted Messenger Boy. He has a few left and they are priced where any farmer can afford one and they are the kind that will put the prize winning points on your next crop of pigs. When writing please mention Farmers Mail and Breeze.—Advertisement.

Whisler's Shorthorn Sale.

J. R. Whisler, Watonga, Okla., is cutting into his foundation Shorthorns to offer his patrons 50 head at auction at Watonga, Monday, November 11. They are, as usual, a useful lot of breeding females, many have calf at foot and rebred to his good herd bulls. The bulls are a choice lot of rugged fellows not pampered but in good breeding condition. As a real attraction will be sold the proven sire, Baron Avondale, by the noted Avondale. He is a straight Bruce Augusta and many of his get will be seen sale day as positive proof of his excellent breeding quality. Remember the date, November 11, and send your name today for catalog, mentioning Farmers Mail and Breeze.—Advertisement.

Robison's Shorthorn Sale.

J. C. Robison, Towanda, Kan., sold at auction, October 25, forty-three Shorthorns at an average of \$252. A feature of the sale was the splendid calves sired by the Robison herd bulls and cows bred to his leading herd bull, Dales Renown, by the noted Avondale. The top of the sale was lot 23, taken at \$495 by G. W. Jacobs, Valley Center. Among the other buyers were C. F. Wilson, Rosalia, Kan.; W. C. McMillan, Belle Plaine, Kan.; Fred Walton, Sterling, Kan.; L. Welker, Skedee, Okla.; O. B. Hall, Oatville, Kan.; and C. Leidy, Leon, Kan. The sale gave abundant evidence of the growing demand for Shorthorns in Kansas, but owing no doubt to present health precautions only a small per cent of those who inquired for sale catalogs were present. Yet there were none too many cattle for those who were present.—Advertisement.


The Barber Shorthorn Sale.

F. C. Barber & Sons, Skidmore, Mo., sell in their annual fall sale of Shorthorns at Skidmore, Thursday, Nov. 14, fifty-one Shorthorns, consisting of 5 bulls and 46 cows and heifers. In Barber & Sons' sale last May, 46 head of Shorthorns averaged \$393, 25 head of these sold for over \$1,000 each. This is mentioned to show you that those who want cattle that measure high in quality and utility are finding what they want in these Barber & Sons' sales. They are not expecting to make a high average in this sale, but are putting in the kind with which beginning breeders should start. Many of those who start in breeding of registered Shorthorns have to start two or three times before they get started right. Start right by attending and buying some of the good things in this sale. Write today for catalog, mentioning Farmers Mail and Breeze.—Advertisement.

Bowman & Co.'s Hereford Sale.

W. I. Bowman & Co., Ness City, Kan., sold at auction, Hutchinson, Kan., October 28, sixty-two Herefords, 47 cows and heifers and 15 bulls for a total of \$28,115, an average of \$453.46. The 15 heifers by Generous 6th sold for an average of \$512. The bulls

BUICK RACER



Money Not Necessary **Just Your Name**

You don't need any money to get a fine automobile. I have given away over 150 of them. If you want to be owner of a most practical, smooth running and economical car, you can be next. Request information regarding my big FREE plan today. It's not even necessary to write a letter—just send me a postcard. Don't delay—do it RIGHT NOW.

D. K. AUSTIN, Manager, 612 Jackson St., TOPEKA, KANSAS

BOYS! BOYS! GIRLS, TOO!

**\$1,000
IN
PRIZES
GIVEN
AWAY
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SOLVE THIS PUZZLE!



CULVER RACER AUTO "FIRST GRAND PRIZE"

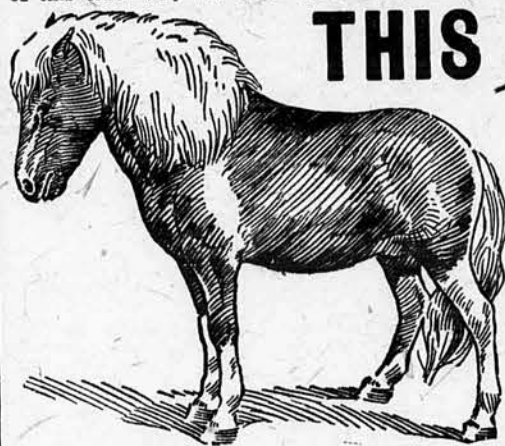
Not a Toy

But a Real Gasoline Automobile

BUILT LIKE THE BIG RACERS

Capacity—Carry two passengers.
Frame—Pressed ch. steel.
Steering Gear—Wood with metal applier.
Wheels—Wire inter. ball-bearing 20x2 clinch rim.
Clutch—Silver non-slip.
Gear—Foot pedal, b. b. Axle—Crucible steel.
Wheels—60 m. Speed—Up to 25 miles.

This fine little automobile is built especially for boys and girls. You can learn to run it in an hour's time. No complicated parts to get out of order and is perfectly safe for a child of 8 years. This little Culver Racer will do anything a full-sized car will do because it is built in proportion to a big car. Have been giving these little automobiles away for several years, and they are giving the very best of satisfaction. The Culver Racer not only affords a world of pleasure for boys and girls but is also a real necessity. You can run errands, take things to market, go after the mail and just do anything with a Culver Racer—all you have to do is crank it, jump in and go—further information and complete specifications will be sent you. Some girl or boy is going to be the proud owner of this fine Culver Racer at the close of this club—why not YOU—solve the puzzle below and get in on the ground floor.



THIS IS "NED"

**Second Grand Prize
Value \$100.00**

Here I am—I am wondering what nice little boy or girl will be my master at the close of this club. My name is "Ned". I am 4-years old and about 40 inches high; I am real black with four white feet and some white in my mane and tail. We do not show a very good picture of "Ned" but he is a mighty pretty little pony and loves nice Boys and Girls and wants a good home. We gave "Ned's" little brother away last month to a nice little girl just 8 years old, and I just wish you could know how easily she won him. Don't fail to join my club—solve the puzzle below and write TODAY.

How Many Words Can You Make?

This puzzle is a sure prize winner—absolutely everyone in this club wins. It is not hard either—just a little ingenuity and skill. The puzzle is to get as many words as possible out of the letters herewith given. Use only the list given, and only as many times as they appear in this ad. For instance, the letter Y appears three times, so in all your words you must not use Y more than three times. If you use Y in any other word as you have already used it as many times as it appears in this advertisement. It is not necessary that you use all the letters. The puzzle looks easy and simple, but if you can make as many as 12 or 15 words, send in your list at once, as the person winning first prize may not have more than that many.

A TOTAL OF 15 GRAND PRIZES

1. \$250 Culver Racer Automobile.
2. Shetland Pony "Ned" value \$100.
3. \$75 In Gold.
4. \$50 In Gold.
5. 17-Jewel Elgin Watch 20 year case.
6. 17-Jewel Elgin Watch 20 year case.
7. 15-Jewel Elgin Watch 20 year case.
8. 15-Jewel Elgin Watch 20 year case.
9. 7-Jewel Elgin Watch 20 year case.
10. 7-Jewel Elgin Watch 20 year case.
11. 3 1/4x4 Folding Eastman Kodak.
12. 3 1/4x4 Folding Eastman Kodak.
13. 3 1/4x4 Folding Eastman Kodak.
14. Ladies' or Gents' Fine Wrist Watch
15. \$5.00 In Gold.

Notice: Every new member this month also receives a beautiful GENUINE GOLD FILLED SIGNET RING GUARANTEED FOR 5 YEARS FREE AND POSTPAID, JUST FOR PROMPTNESS. Anyone may enter this club, and there was never a better offer made especially to boys and girls. Please bear in mind there is absolutely no chance to lose. POSITIVELY EVERY CLUB MEMBER WINS. If there should be a tie between two or more club members for any of the prizes, each tying club member will receive prize tied for. Get an early start—send in your list TODAY.

BILLY FRENCH, Mgr., 731 Capper Bldg., Topeka, Kan.

ANOEYRS
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TAACRBOY
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OUR OFFER

We are the largest magazine publishers in the West, and are conducting this big "Everybody Wins" word building contest in connection with a big introductory and advertising campaign, whereby we will give away 15 grand prizes as listed in this advertisement, and we want to send you sample copies and full particulars as to how to become a member of this contest club and be a sure winner. We give 100 votes in this contest for each word you make. To the person having the most votes at the close of the club, we will give the Culver Racer Automobile first prize, value \$250.00; to the second highest we will give the Shetland Pony "Ned" second prize value \$100.00; to the third highest \$75.00 in gold, and so on until we have awarded the 15 grand prizes as listed in this ad.

averaged \$503. The top of the sale was the bull, Generous Leader, a three-year-old son of Generous 5th, sold to A. M. Duff, Williamsburg, Mo., for \$3,000. J. O. Southard, Comiskey, Kan., topped the sale on females, buying at \$815, lot 91, a two-year-old daughter of Monarch. Among the other buyers were Carl Miller, Belvue, Kan.; W. J. Brown, Fall River, Kan.; F. Noble, Cabool, Mo.; O. J. Danner, Ness City, Kan.; J. G. Bazzar, Oxford, Kan.; T. M. Percell, Ness City, Kan.; Myrtle State Bank, Myrtle, S. D.; W. D. Walstein, Hutchinson, Kan.; F. M. Harmon, Darlow, Kan.; T. G. Matthews, Kinsley, Kan.; J. G. Grace, Wichita, Kan.; Mike Ruble, Russell, Kan.; Chas. Wickham, Anthony, Kan.; and B. B. Shull, Garden City, Kan.—Advertisement.

Lookabaugh's Shorthorn Sale.

H. C. Lookabaugh, Watonga, Okla., will sell at Pleasant Valley Stock Farm, Watonga, Okla., Tuesday, November 12, seventy-five selected Shorthorns, consisting of 5 real herd bulls, the kind that will suit those who want the best, 20 Scotch females that represent the best families and the greatest sires of the breed. You will please note the sale ad this issue for pedigreed description of these bulls and a few of the female attractions. In addition to these, 30 cows with calf at foot or in calf to great breeding bulls also sell. There will be 15 bred heifers and 5 heifer calves selected for the boys and girls club. In this sale will be Shorthorns for the best breeders in America and for the beginner as well. On the evening after the Whistler sale, which is the evening before the Lookabaugh sale, there will be a banquet and on the morning of the sale, beginning at 11 o'clock, will be given a herd bull demonstration on the value of a sire. Prof. Cochet and prominent breeders will be present and give short talks. This will be something that no Shorthorn breeder can afford to miss. Write today for illustrated catalog and arrange to attend both sales, banquet and herd bull demonstration. Please mention Farmers Mail and Breeze.—Advertisement.

Salter's Shorthorns Bring \$24,845.

Park E. Salter, Wichita, Kan., sold at auction on October 24, forty-nine Shorthorns (46 females and six bulls), for a total of \$24,845. This was an average of \$507 on big, little, old and young, males and females. The top 25 females averaged \$741.60. The top five cows averaged right at \$1,200. The bulls were listed with the expectation of only moderate prices. The top of the auction was lot 1, Miss Butterfly 535434 showing in calf to Imp. Bapton Corporal, taken by D. S. Smith, Enid, Okla., at \$1,260. No. 2, Augusta 111th 505255, by Maxwalton Rosedale, and in calf to Imp. British Emblem, went to Barber & Sons, Skidmore, Mo., at \$1,250. Barber & Sons also bought, for \$1,200, the young cow, Countess Missie, showing in calf to Imp. Bapton Corporal. The imported cow, Keir Jip, in calf to Imp. Bapton Corporal, was taken at \$1,175 by Dave Wohlshlegel, Harper, Kan., and Countess Beauty, with heifer calf at foot by Imp. Bapton Corporal, sold for \$1,025, to R. J. Connevey, Guthrie, Okla. Among the other buyers at the Salter sale were L. E. Wooderson, Caldwell, Kan.; F. P. Wilson, Peabody, Kan.; Otto Wenrich, Oxford, Kan.; E. J. Howard, Halstead, Kan.; W. C. McMillan, Belle Plaine, Kan.; Fred Walton, Sterling, Kan.; Mr. Wear, Oakville, Kan.; H. L. Long, Jno. Fry, H. M. Hall and others.—Advertisement.

Welch Sells Poland Chinas Nov. 19.

R. A. Welch, Red Oak, Okla., will sell at auction, November 19, 40 large type Poland Chinas, consisting of bred sows, bred gilts, herd boars and open gilts. The sows and gilts will be bred to boars of national reputation, Severe's Big Timm, Buster's Giant and Chief Defender's Choice. The bred gilts and sows will be the very cream and select tops of his herd, such as he would like to keep, but the purpose is to place nothing in the sale ring that is not of the very best of breeding and of the best of quality and individuality. The boars are all of spring farrow, except five Severe's Big Timm boars and one March yearling. All are real herd boars. The special attractions in the boar line, however, will be Council Hill Buster, the junior champion of Oklahoma, 1918, sired by the 1918 Oklahoma senior and grand champion boar, Buster's Giant. In him we have the exact pattern of his sire, same conformation and outlines. He was farrowed March 3, 1918, and has for his dam a litter mate to the 1st and 2nd prize senior yearlings shown at Oklahoma City, weighing 840 pounds. He is a show boar, besides his remarkable disposition. If fitted for the 1919 shows he will be the candidate for grand honors as a junior yearling, and if he goes into the hands of a developer, there will be no question as to the results. A litter mate to this great young boar will be included in the sale and will give the junior champion lots of company and things to think about for he is good all over. There will be five December boars by that great breeding boar, Severe's Big Timm, who cost \$2,500. These boars are out of Hancherdale Queen 2nd, by Gerstale Jones, and who is litter mate to the Sol Leonard herd boar, Big Jones, who is responsible for the fame of his sire that sold for \$6,000, also a litter mate to the Henry Fessenmyer herd boar, Clarinda Iowa, F's Big Jones. No more fashionable blood lines course thru the veins of a boar than these five boars. All smooth, high backs, up on feet, full of quality and inherit the activity of the sire. Another attraction is a March yearling boar by the same sire but out of a different dam. She is A Wonder Girl, the dam that produced the heaviest yearling sow ever driven on the official scales at the National Swine show, weighing 814 pounds. This boar is every inch a herd boar and of the type so much in demand and so hard to find. The others are by Overton's Big Timm, by the Nebraska grand champion, Big Timm, and a half brother to the \$2,500 Severe's Big Timm. These boars are out of great producing sows of the prolific, easy feeding kind. Litters that will be produced by the sows in this sale will be valuable ones and of the modern type of Poland Chinas of the really and truly big type. Buster's Giant is senior and grand champion of Oklahoma 1918. Chief Defender's Choice is a litter mate to the Iowa senior and grand champion and litter mate to the Illinois senior and grand champion sow. No man who wants the best in Poland Chinas can afford to miss this great sale. Write today for catalog, mentioning Farmers Mail and Breeze.—Advertisement.

N. Kan. and S. Neb. and Iowa

BY JOHN W. JOHNSON.

Gordon & Hamilton, Horton, Kan., are Duroc Jersey breeders near town, who will sell bred sows in Horton, Feb. 26. They will sell 50 head, about 25 fall yearlings and tried sows and 25 spring gilts, the tops of a

big crop of early spring pigs. King Sensation, by Great Sensation, is the herd boar that most of them will be bred to. The sale will be advertised in the Farmers Mail and Breeze in good time.—Advertisement.

This is the last call for H. C. Graner's Shorthorn and Poland China sale at his farm, three miles from Lancaster, Kan., Atchison county, Wednesday, Nov. 6. This is the next day after election.—Advertisement.

This is the last call for the E. Challis sale of Spotted Poland Chinas at Gypsum, Kan., next Monday. Sixty-three head sell. Go to Salina Sunday and down to Gypsum on the Missouri Pacific the next morning.—Advertisement.

D. J. Ryan, Centralia, Kan., who sells Duroc Jerseys in a combination sale with R. E. Mather at that place Nov. 21, writes that because he is keeping a large number of his gilts he is selling Critie's Orion 241385 in this sale. He is a great boar and right in his prime. Write for catalog and further description of him.—Advertisement.

Don W. Devoe, Onaga, Kan., will disperse his herd of Spotted Poland Chinas at the farm seven miles south of Onaga, Thursday, Nov. 14. He will sell 65 head, consisting of eight tried sows, March, April and May boars and gilts and a September litter. He is removing to Washington and is selling everything in this sale. It is a fine opportunity to get something good.—Advertisement.

O. H. Fitzsimmons, Wiley, Kan., Morris county starts his Poland China boar advertisement in this issue of the Farmers Mail and Breeze. He offers some choice boars at very reasonable prices and sired by A Wonder 2nd, and out of big, prolific sows. Mr. Fitzsimmons is a reliable breeder and will furnish you a good boar worth the money or none at all. Write him today.—Advertisement.

C. A. Cowan & Son, Atchison, Kan., starts an advertisement in this issue of Farmers Mail and Breeze. They offer for sale, 15 bulls from 6 to 16 months old, all sired by Mistletoe King, also 20 heifers and sows sired by Mistletoe King and Pioneer, a grandson of both Avondale and Whitehall Sultan. These bulls are good. If interested in the offering, write Cowan & Son, at once, mentioning Farmers Mail and Breeze.—Advertisement.

M. C. Pollard, Carbondale, Kan., sells Poland Chinas, consisting of 66 boars and gilts, at his farm near Carbondale, Nov. 6, which is the next day after election. The catalog is ready to mail and free for the asking. Those who know always take pleasure in recommending Mr. Pollard's Poland Chinas and Mr. Pollard as a fine gentleman to do business with. Go to his sale and you will be treated right. Everything is in just good breeding form.—Advertisement.

Willis & Blough, Emporia, Kan., offer spring boars sired by Our Big Knox, Blue Valley Timm, Gathdale Jones and Walter's Jumbo Timm. These boars have been well grown out and are extra good, both as individuals and in popular breeding. Their sisters are being reserved for their big bred sow sale in February. Willis & Blough are breeders of high class Polands and are not offering anything for sale for breeding purposes that is not worthy a place in any good herd. The prices will be found reasonable and consistent with first class stock. If you need a boar you will be glad you got in touch with this good firm if you buy from them. Write them at once for prices and descriptions.—Advertisement.

"All-Star" Boar Sale.

Remember the "All Star" Duroc Jersey boar sale at Clay Center, Kan., is postponed to Nov. 13. If you already have the catalog hold on to it and bring it to the sale with you. If not write for it today. Remember that 28 prominent Kansas Duroc Jersey breeders have undertaken to make this sale the best sale of attractions in the boar line ever offered in the west or east for that matter. Don't fail to come and tell your neighbor about it. Over 50 head will be sold and you can pick out the boar you like.—Advertisement.

Better Holstein Bulls.

Sam Carpenter, Jr., proprietor Windmoor Ranch, Oswego, Kan., is offering for sale in this issue of Farmers Mail and Breeze, nine Holstein bulls, none over ten months old. These bulls were selected by Mr. Carpenter and Mr. Schneider, of Nortonville, Kan., president of the Kansas Holstein-Friesian association, while on a trip thru the dairy sections of Ohio, Vermont, New York and Wisconsin. The prices of these bulls range from \$100 to \$350. If you are in need of a good bull, write Mr. Carpenter, name the price you wish to pay, and he will send description, pedigree, and photo if desired, of best at that price. Please mention Farmers Mail and Breeze when writing.—Advertisement.

Elmo Valley Polands.

J. J. Hartman, Elmo, Kan., Dickinson county, starts his advertisement in this issue of the Farmers Mail and Breeze, in which he offers Poland China boars of March farrow for sale at private treaty. It was his intention to hold a boar sale the last of October but he has decided to sell them at private sale. They are certainly the right kind and will weigh around 300 pounds now and are by the three big Elmo Valley herd boars and out of big, prolific herd sows such as Mr. Hartman has always kept in his herd. You will certainly make no mistake if you write Mr. Hartman at once for prices on a herd boar and then let him ship you a good one. The price will be right and the boar will be right. Write him today.—Advertisement.

Moser's Sensational Durocs.

In the F. J. Moser sale of Duroc Jersey boars at the sale pavilion, Sabetha, Kan., Thursday, Nov. 7, 50 boars will be sold that are by far the best lot of boars "Fern" Moser ever raised. The litter by old Pathfinder and out of Big Lizz, the 900 pound sow that topped the Bishop & Hanks sale last winter at \$805, is one of great merit and if they were selling in some eastern herd would command prices that probably would be considerably more than double what they will bring in this sale. There were 17 in this unusual litter and she raised 12 of them. The three boars that have been reserved for this sale should be eagerly sought after by those who want the best in blood lines and individual merit. Then the two young aristocrats by the world's champion, Scissors, and out of a sow by the great Pathfinder, are in the sale to take their chances along with the famous Pathfinder

boars. But it is an offering of attractions all the way thru and out of 50 boars of the kind and character of these that go in this sale who could not select something that suits? Either of the boars mentioned above and others in this sale would sell for two and three times what they will bring in this sale if offered for sale next spring in good condition.—Advertisement.

Peterson's Shorthorns.

M. R. Peterson, Troy, Kan., breeds Shorthorns and is satisfied with nothing but the good ones. Recently he paid S. B. Amcoats, of Clay Center, Kan., \$1,500 for three splendid pure Scotch cows. He has made other additions to his herd of a similar nature during the past year and he is breeding up one of the best herds of Shorthorns in northeastern Kansas. He is starting his advertisement in this issue of the Farmers Mail and Breeze, in which he is offering four choice young bulls, two pure Scotch and two Scotch tops. They are nice reds and roans and of choice quality. Mr. Peterson also breeds Duroc Jersey hogs and has a nice herd. He recently purchased a High Orion boar of Duff Bros., Horton, Kan., at \$150, which will be used in his herd. If you want a bull or a few cows write Mr. Peterson at once.—Advertisement.

Churchill Shorthorns the 19th.

H. H. Churchill, Osage City, Kan., sells Shorthorns at auction at his farm near that place, Tuesday, Nov. 19. The sale is made necessary because of scarcity of feed and help. Thirty-five head go in the sale and while the offering will not be in as good flesh as it should be to sell to the best advantage it is nevertheless an offering of real merit. None of the cows are old but all are in their prime. The calves and yearling heifers are of fashionable blood lines and very desirable. The cows are all in calf to Mr. Churchill's herd bull, Princes, a splendid young pure Scotch bull. The calves and the yearling heifers are by Marquis Cumberland, a grandson of Cumberland's Last. The catalogs are ready to mail and you will receive one by return mail if you write at once. Address, H. H. Churchill, Osage City, Kan. The sale is at the farm about six miles west of Osage City on the Santa Fe trail.—Advertisement.

Important Duroc Sale.

F. E. Gwin & Son's big Duroc Jersey sale at Washington, Kan., which will be held in the big sale pavilion at that place, is next Friday. It is a sale of attractions all the way thru such as has never been held this far west before. Forty spring boars will be sold. I had the real pleasure of looking them over last week and they are certainly choice. Not a common individual in the lot. I realize this is a strong statement when you speak of 40 boars. But you must remember they have been selected from over 200 spring boars out of their crop of over 400 spring pigs. The breeding is great. No breeder in recent years, or possibly ever, in the history of the state, ever paid the prices or got more for their money in outstanding individuals and popular blood lines than have the Gwin boys in their sensational buys from the leading big eastern herds. You have the opportunity right at your door to buy these great young boars at auction and they are not going to sell as high as they deserve and that is a cinch. Be at this sale.—Advertisement.

Blue Ribbon Farms.

Lee Bros. & Cook, proprietors of the Blue Ribbon Stock farm herds of registered and high grade Holsteins and registered Herefords, change copy in this issue of the Farmers Mail and Breeze. They offer 20 registered Holstein cows and heifers, some of them with records of from 26 to 28 pounds and also a few young registered bulls with choice A. R. O. breeding. They have for immediate sale about 60 head of high grade cows and heifers that they are pricing right. They also offer from 100 to 200 registered Herefords from calves to mature cows. Also

SHEEP.

Registered Shropshire Rams, priced right. LOUIS M. BOYD, LARNED, KANSAS

For Sale, One Registered Shropshire Ram, Price \$30 C. Walter Sander, R. R. No. 2, Box 7, Stockton, Kan.

SHEEP for sale—good breeding. Ewes, also ewe lambs. About 250 wether lambs. Will sell in any quantity. ELDER BROS., DOUGLASS, KANSAS

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

REGISTERED SHROPSHIRE RAMS. One three-year-old, five yearlings and ten spring ram lambs. Good ones. Write for prices. Address E. Basinger, Missler, Meade Co., Kan.

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

SHEEP { Shropshire
REGISTERED { Hampshire
Southdown
Best of breeding. The oldest and largest flocks in Kansas. One or a car load. See me at all the big shows.
F. B. Cornell, Nickerson, Kansas

Registered Shropshire Rams
We will make a special sale on rams for 30 days only. One and 2-year-olds at \$40, sheared 12½ pounds of wool. Also large ram lambs at \$30. For reference, Harveyville State Bank.
J. R. TURNER & SON
HARVEYVILLE, KANSAS
Farm 3 miles north of town.

HORSES.

Percheron Stallions

A nice lot of good young stallions, sired by Algarve, a 2300 pound sire, and by Bosquet, an international grand champion. Priced to sell.
D. A. HARRIS, GREAT BEND, KANSAS

Percherons—Belgians—Shires
Registered mares with colts at side and bred again; registered fillies, stallions 1 to 5 yrs. old; grown ourselves the ancestors for 5 generations on dam side; sires imported. Fred Chandler, R. 7, Charlton, Iowa. Above Kansas City.

CHESTER WHITE OR O. I. C. HOGS.
CHESTER WHITE spring boars for sale. W. E. Ross & Son, Smith Center, Kansas

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

O. I. C. Sow and Boar Pigs
HARRY W. HAYNES, GRANTVILLE, KAN.

F. C. Cookin, Russell, Kan. is in the draft pose 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

Big Stretchy Chester White
Boars sired by some of the breed's most noted boars and out of extra good sows. New blood.
HENRY MURR, TONGANOXIE, KANSAS

CHESTER WHITE HOGS
With senior and grand champion boar, senior and grand champion sow at Kansas State fair, we have pigs for sale.
COLEMAN & CRUM, DANVILLE, KANSAS

KANSAS HERD OF CHESTER WHITE SWINE
Nothing but boar pigs for sale. See King's Best at State Fair.
Arthur Mosse, Route 5, Leavenworth, Kansas

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: Mail & Breeze, fieldmen and breeders for whom I have sold.
HOMER T. RULE, OTTAWA, KANSAS

COL. E. WALTERS, SKEDEE, OKLA.
sold 1400 head of cattle for \$92,889 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. 18 years president of Missouri Auction school, the largest in the world.

DUROC JERSEY HOGS.
ROYAL HERD FARM
offers real Duroc Jersey boars, sired by
ROYAL GRAND WONDER
twice a winner at the Kansas State Fair. They are the big rugged, heavy boned kind, bred the same as the boars and sows that went over the top at the big Iowa State Fair. All immunized and registered. Write or come now.
B. R. Anderson, McPherson, Kansas

PETFORD OFFERS Duroc Boars
March and April Farrow
20 by ILLUSTRATOR'S ORION 3rd; heavy bone, good backs, head and feet; the kind that will put more size and stretch in your herd.
5 BIG STRETCHY fellows by PET'S GREAT WONDER and out of a grand daughter of DISTURBER and a daughter of ILLUSTRATOR'S ORION 3rd.
2 by the champion CHERRY KING—DISTURBER and out of Model's Lass, whose three lineal sires were grand champions.
1 by GRAND MODEL'S GIANT out of a giant sow by BELL'S CRIMSON WONDER.
1 by CHERRY KING ORION out of KING'S COL. dam.
Satisfaction guaranteed; all immunized. Write, wire or phone, my expense.
JNO. W. PETFORD
SAFFORDVILLE, KANSAS

DUROC JERSEY HOGS.

Registered Duroc-Jersey spring boars, \$35 ea. Simmons & Simmons, Route 3, Erie, Kansas

EXTRA GOOD DUROC BOAR, ALSO PIGS. R. ANDERSON, BLUE MOUND, KANSAS

HARRISON'S DUROC JERSEYS

September and March boars from champion boars and sows. W. J. Harrison, Axtell, Kan.

Burg's Durocs

Illustrator and Pathfinder breeding. March pigs at \$50 as good as there are in Kansas. Satisfaction guaranteed. Also purebred mammoth bronze turkeys. A. H. BURG, LAKIN, KANSAS

Duroc - Jersey Boars

Immured Duroc males for sale, sired by son of Joe Orion II; also son of Pathfinder and King Cherry King. Large and growthy. Priced to suit you. O. E. HARMON, FAIRMONT, NEBRASKA.

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

Duroc Jersey Boars

Eight selected boars of March farrow, three by Dictator 220439 and out of an Illustrator 2nd dam. Five by King's Col. 40th 228691 and out of a Select Col. dam. All immune. Splendid prospects. Priced right for quick sale.

A. J. HANNA, BURLINGAME, KANSAS Rural Route 1.

Boars On Approval

MAPLEWOOD DUROC BOARS (THE HUNDRED DOLLAR KIND) SHIPPED ON APPROVAL AT \$60. Fifty sires of these boars sell in our sale FEBRUARY 21, 1919.

MOTT BROS., HERINGTON, KAN. (Successors to Mott & Seaborn)

R. E. Kempin's Durocs

20 March Boars; 20 March Gilts.

Mostly by my herd boar, Chief Critic, and out of big type sows. Special prices to move them. Vaccinated double treatment. A few by King Sensation.

R. E. Kempin, Corning, Kansas (Nemaha Co.)

Woody's Durocs

The big, high backed, long legged kind. The kind that gets big. I have a fine bunch of selected March boars for sale of Pathfinder, Sensation, King's Col. and Educator's Orion breeding. Educator's Orion was sired by King Orion Cherry and was one of the top boars sold in world's record breaking boar sale last October. They are all immune and priced right. I also have a senior yearling boar a grandson of Old Gano, for sale. Write or come and see.

HENRY WOODY, BARNARD, KANSAS

40 March Boars

IMMUNIZED

Big Type Duroc-Jerseys

Big bone, high backs, good feet and legs. Splendid colors and as choice lot of boars as can be found. Sired by a splendid Grandson of Model Pal, and half by King of Col. 6th.

Reasonable prices. Satisfaction guaranteed. A. L. Wylie & Son, Clay Center, Kan.

Duroc - Jersey Boars

Immured double treatment.

20 March Boars by

Joe Orion 5, The King, Great Wonder 2nd and Pal's Giant. No boar sale but these select boars at popular prices.

L. L. HUMES, Glen Elder, Kansas. (Mitchell County)

Big bred sow sale in Northern Kansas sale circuit, Feb. 7.

bulls ready for service. Both of the Lee brothers and Docters took are in the draft and consider it wise to reduce their herds somewhat. The Blue Ribbon farms are located adjoining Harveyville in Wabaunsee county. They have a nice little booklet descriptive of their Blue Ribbon stock farms that they will be pleased to send interested parties free of cost. Write for it and prices on either Holsteins or Herefords. Look up their advertisement in this issue.—Advertisement.

Monarch Herefords.

J. O. Southard's Monarch Herefords are advertised in this issue of the Farmers Mail and Breeze. If you are at all interested in the best in Herefords you better look this advertisement up and write him at once. But few men of the west have done and are doing for their favorite breed what J. O. Southard, of Comiskey, Kan., is doing for the Hereford. His big ranch is the home of one of the greatest herds in the west. It is the home of the mighty Monarch, that has won popularity on his ability as a sire, and because he was fortunately in the hands of a capable advertiser and breeder who knew his great value and crossed him on the right kind of cows. November 23 is the regular annual sale date for J. O. Southard and is so recognized among Hereford people everywhere. If you are at all interested in this great coming sale, which is on Saturday, at the close of the week of the American Royal, you can write him at once and he will be pleased to book you for his catalog. There will be more in the Farmers Mail and Breeze later on about this great Hereford herd.—Advertisement.

Kimmel Shorthorn Dispersion.

J. O. Kimmel & Son, Sabetha, Kan., are advertising their Shorthorn cattle dispersion sale, November 14, in this issue of the Farmers Mail and Breeze. Mr. J. O. Kimmel has recently sold his fine farm which was located three miles north of Sabetha and where he located over 30 years ago. He and Mrs. Kimmel will live in Sabetha where they have purchased a home. The son, who is interested in the army, but hopes to be home sale day. The herd is not a large one but is one of real worth. There are 17 cows in the sale and every one of them is in her prime and sure to make her purchaser money. They are all bred to the herd bull, Walnut Duke, a Bellows bred bull four years old and a splendid sire. Sir Knight, by Barmpton Duke, and Rock Springs Pride are two herd bulls used extensively in the herd before the purchase of the present herd bull. Walnut Duke is in the sale and will sell for whatever is bid on him. It will pay you to get the catalog and plan to attend this sale if you are interested. The sale will be held at the farm three miles north of town. Come to Sabetha. Write today for the catalog.—Advertisement.

A Big Poland China Sale.

It is a real pleasure to recommend the E. H. Brunner sale of 80 Poland Chinas at Mankato, Kan., Monday, Nov. 11. Mr. Brunner gets his mail at Jewell, Kan., but is holding his sale at Mankato because of the better railroad facilities and better hotel accommodations. You are invited to come and be his guest at Mankato on Monday, Nov. 11, whether you buy or not. Look up the advertisement in this issue of the Farmers Mail and Breeze. Mr. Brunner had expected to hold a fall boar sale and a bred sow sale next winter but because of the scarcity of feed in Jewell county he decided to make a big sale and sell both bunches in the big sale on the above date. Big Bobby Wonder 2nd, the easy 1000 pound boar, and Big Bone Monarch are the two big factors, together with the big wonderful herd sows that have made the Brunner herd talked about. But take it from me the offering is going to be one of real attractions, start to finish, and some surprises will be registered. For instance, don't think for a minute that the cost of feed would keep Ed Brunner from growing out these boars and gilts. Write for the catalog today and plan on attending the sale. You will be glad you did. Write tonight.—Advertisement.

Jerseys Brought Low Prices.

The low prices obtained at the Oliver and Doran dispersal sale of Jerseys held at Dornwood farm, near Topeka, October 23, were indicative of the difficult conditions surrounding the dairy industry. Much excellent breeding was offered. Ten sons and 20 daughters of the Dornwood herd bull, Blue Bell's Owl, were in the sale list. This bull was also offered for sale, but despite his very good breeding no bid was made for him. Blue Bell's Owl is a close relative of the Financial Sensation, of whom the Waterloo Jersey Farms sold a half interest to the Greystone Jersey Farm for \$30,000. The combination of Financial King and Blue Bell blood lines has been the feature of the breeding work at Dornwood farm for several years. The failure of the printers to issue the catalogs which had been ordered contributed to the low-spirited buying. Had the breeders of Jerseys generally known of the superior quality of breeding stock offered by Oliver and Doran, doubtless many more of the extensive, well-known raisers of these cattle would have been present and stimulated the buying. Sixtyfour head of cattle were sold; of these, 52 were females, and 12 bulls. The mature cows, several of which were past their period of greatest production, brought fair prices. The low prices obtained for the young animals of both sexes, however, emphasized the reluctance with which dairymen are entering the purebred business, or are enlarging their purebred interests. The representing some of the best lines of Jersey breeding, the average price for the twelve bulls sold, was \$44.62. The top price for a bull was \$105; one sold for \$10, another for \$15, several of them bringing less money than competent judges said they were worth as beef. The average price obtained for the females of all ages was \$154.67. Eminent's Design of Dornwood, a 3-year-old cow, sold for \$400, the top price of the sale. Among the principal purchasers at the sale were: F. S. Jackson, Topeka; A. L. Churchill, of Vineta, Okla., and C. L. Kendall, of Kensett, Ark. One cow was sold to The Walnuts, Tallula, Ill. J. V. Cotta, of Crawfordsville, Ind., managed the sale. The auctioneer was R. R. Bailey, of Gibson City, Ill.

Nebraska and Iowa

BY JESSE R. JOHNSON

The Hebron Sales Pavilion Company, of Hebron, Neb., announce a big Shorthorn sale to be held in the pavilion at Hebron, on Monday, November 18. On the above date, sixty head of high class Shorthorns and a few good Polled Durhams will be sold. There will be twenty choice bulls and forty females of different ages. All of the cattle that go in the sale were raised in this lo-

DUROC JERSEY HOGS.

Garrett's Durocs Ten Fall Gilts. bred for August and September farrow. 110 spring pigs ready to ship. R. T. & W. J. Garrett, Steele City, Nebraska

Duroc-Jersey Boars

of March, April, and May farrow, priced to sell. Come or write. JOHN A. CURRY, Elmont, Kansas.

OTEY'S DUROCS

Hercules 3d, a giant 900-pound boar in breeding flesh, and Pathfinder Chief 2nd, the largest and smoothest of all the sons of the mighty Pathfinder, head our herd. 50 spring boars, buy NOW.

W. W. OTEY & SONS, WINFIELD, KANSAS.

SPRING BOARS AND GILTS

sired by Model Col., out of Golden Model dams. Heavy boned, deep cherry. Price \$30 each.

K. McDONALD, HARTFORD, 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

WATCH THIS HERD GROW

Spring boars for sale. Also two dandy Dec. yearling boars. Boar sale, Nov. 7; bred sow sale, Jan. 23. Sales at Sabetha, Kan.

F. J. MOSER, GOFF, KANSAS

DUROC BOARS OF QUALITY

Choice March boars, sired by the great herd boar, Reed's Gano, first prize boar of Kansas and Oklahoma State fairs. Also Illustrators 2nd, and Golden Model. Fine growthy boars, well built and nice color. All immune. Priced to sell quickly.

JOHN A. REED & SONS, LYONS, KANSAS

Famous Duroc Blood Lines

Spring boars combining the blood of Illustrators, Pathfinders, Gano, Orion and other noted sires. Gilts bred or open. Special private sale. F. F. WOOD, WAMEGO, KAN.

Wooddell's Durocs

Chief's Wonder, a giant junior yearling heads our herd. The finest bunch of spring boars to offer I ever raised. Write me your wants, or come and see them.

G. B. WOODDELL, WINFIELD, KANSAS

JONES SELLS ON APPROVAL

Very choice spring boars sired by King's Col. 6th and out of Orion Cherry King dams. Write for further descriptions and prices.

W. W. JONES, CLAY CENTER, KANSAS

25—Duroc Boars—25

SHIPPED ON APPROVAL. Of March farrow. Richly bred, well grown, big stretchy, heavy boned Yellow. At farmers prices and shipped to you before you pay.

A. J. TURINSKY, Barnes, Washington County, Kan.

BONNIE VIEW STOCK FARM

DUROC-JERSEYS

Spring boars and gilts; prize winning blood for sale at reasonable prices.

SEARLE & COTTLE, BERRYTON, KANSAS

SHEPHERD'S DUROCS

FORTY BIG TYPE BOARS, sired by the 1000 pound King's Col. I Am and the \$5000 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 immune.

Satisfaction guaranteed. Priced to move quickly. W. W. TRUMBO, PEABODY, KAN.

Huston's Durocs

40 double immune big rugged herd heading boars, sired by Great Wonder 2nd and out of dams mostly by Taylor's Model Chief, winner at Missouri and other fairs. Buy them cheap now.

W. R. HUSTON, AMERICUS, KANSAS

Bancroft's Durocs

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

DUROC JERSEY HOGS.

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

BIG IMMUNE

DUROC BOARS

20 spring boars sired by Col's King and Joe Orion 6th. Out of big, richly bred dams. We also offer 2 herd boars, one a son of Pathfinder, and one by King's Col. Very reasonable prices.

WARD BROS., REPUBLIC, KANSAS

Fairview Stock Farm

GREAT BOAR BARGAINS

Big type, heavy boned, high backed, smooth, stylish fellows; HERD HEADERS, 2 junior yearlings by the great boar, ORION CHERRY KING, dam by JOE ORION II. 1 EXTRA GOOD yearling by ILLUSTRATOR II. 12 large, fancy spring boars by Jno's Col. Orion, a 950 lb. boar by Jno. Orion. Write us, or come and see them.

Jno. W. Jones, Minneapolis, Kansas

SPECIAL DUROC OFFER

ALL IMMUNIZED

20 March Boars—20 March Gilts

Out of big sows and sired by Joe Orion 5th, a prominent Nebraska boar; Elk Col., champion Kansas 1917, and other noted sires. Gilts reserved for bred sow sale.

A. L. BREEDING, HOME, KAN. Marshall county

Schroyer Farms

were extensive buyers of Duroc Jersey bred sows in leading sales last winter. Our November public sale of boars has been called off. We offer at private sale the actual tops of 200 March boars. Everything immunized with clear serum. A splendid lot of big well grown boars of most excellent breeding and priced right. Address,

Robt. Evans, Manager

Miltonvale, Kansas

Bred Sow Sale March 5

POLAND CHINA HOGS.

Pollard's

Big-Type Polands

SELL AT CARBONDALE, KAN.

ON WEDNESDAY, NOVEMBER 6TH

56—Head—56

4 tried sows with litters by side; 27 spring gilts; 25 spring boars. The tried sows are by such noted sires as Big Orphan, Guy's A Wonder, Prince Look, Young Hadley and Wonder King, and the spring gilts and boars are out of these sows and by such sires as Jumbo Bob, Giant Jones and Broadus Expansion. Special attractions will be a litter of 13 out of a Young Big Maid dam by Young Hadley, by Big Hadley and sired by Fraizer's Jumbo Bob; a litter of 10 out of Big Lady the 6th, by Wonder King, by Long Kings Equal, and sired by Fraizer's Giant Jones. The pigs in this sale are long, stretchy, heavy boned, and have good strong backs, undoubtedly the greatest offering of boars I ever put in a sale. Everything has been vaccinated with double treatment. A registered Shorthorn bulls coming yearlings will be offered at private sale. Write for catalog. Fieldman, J. W. Johnson.

COL. M. C. POLLARD, CARBONDALE, KAN.

Immured Duroc Boars

Duroc boars, immune and guaranteed breeders, shipped to you before you pay for them. The big southeast Nebraska herd bred for size, bone, and length. Eventually you will breed the "Crocker Type." "Why not now?"

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



20 SPRING BOARS Duff Bros. Duroc-Jerseys 20 SPRING GILTS

These are actual tops of our 1918 spring crop. Priced to sell

SIRE—High Orion, Missouri Champion 1918; King's Pathfinder Jr., Ideal Pathfinder. DAMS BY Model Wonder, A Critic, Gano, Pathfinder. Also a few reg. Male Holstein bulls. Good A. R. O. backing.

DUFF BROS., HORTON, KANSAS

CHAMPION BLOOD

Twenty-five years of breeding Durocs from the strains that have produced champions.

HERD BOARS BY ORION CHERRY KING, A KING THE COL., ILLUSTRATOR II, GOLDEN MODEL AGAIN.

Big husky boars and gilts for sale, February and March farrow. Write or come. Farm reached by interurban, from Parsons, or Cherryvale. Stop 64.

LANT BROS., DENNIS, KANSAS

POLAND CHINA HOGS.

MUST SELL nine tried Poland China Sows—herd boar \$50. Bargains—Pigs and Shoats. **FRANK BARRINGTON, SEDAN, KANSAS**

IMMUNED MAMMOTH POLAND CHINA BOARS
C. A. BOYLE, BURETON, KANSAS

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.**

Big Type Poland Chinas

One big herd sow bred for late November farrow, for sale, \$100. March boars \$35 each. **SAMUEL JARBOE, COLLYER, KAN.**

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**

Postponement Sale

On account of sickness in the family, **SMITH BROS.**, of Superior, Neb., have postponed their **POLAND CHINA** sale until **NOVEMBER 6.**

WIEBE'S BIG-TYPE POLAND CHINAS

Are guaranteed to suit the buyer. We ship C. O. D. or on approval. We have a variety of breeding from the best and most popular blood lines and can sell pairs not related. We offer twenty big, smooth fall gilts; tried sows; two fall boars and a very choice lot of spring pigs; many herd boar prospects. All immuned. Priced reasonable. Discount given on early sales.

G. A. WIEBE & SON,
Beatrice, Nebraska, Route 4, Box M.

BABY PIG BARGAINS

80 ready to wean in pairs and trios not related. Out of big 600 and 700 pound King of Kansas sows and sired by splendid boars. Pedigree with each pig. 20 splendid March boars. Address at once, **J. L. GRIFFITHS, RILEY, KANSAS**

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.

Special Boar Sale

25 big spring boars weighing 300 or more. Sired by three great **Elmo Valley** herd boars, out of big, prolific sows. I have just decided to sell my boars at private sale and hold their sisters for my January 31st bred sow sale. Everything immunized. Write for special boar prices.

J. J. Hartman, Elmo, Kan.
(Dickinson County)

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.

A Great Poland China Yearling Herd Boar For Sale

GIANTESS BOB 94214

Write, Phone or Come
LAPTAD STOCK FARM
Lawrence, Kansas

cally and are the regular annual surplus from the herds. Among the consignors are W. H. Grone & Son, Mahaska, Kan.; M. G. Corliss, Hebron; Albert Corliss, Hebron; Fred Hobbins, Deshler; J. H. Waterson, Menden, Kan.; Proett Bros., Alexandria; Albert Hillmer, Byron; M. Corliss and others. Col. J. H. Barr, of Hebron, is sales manager and any information regarding the sale may be addressed to him. Write early for catalog and plan to be at the sale.—Advertisement.

Smith Bros.' Sale Postponed.

On account of sickness in the family, **Smith Bros.**, the well known Poland China breeders of Superior, Neb., have postponed their sale advertised in Farmers Mail and Breeze for October 23, until November 6. If you have not received catalog of the offering, write at once, mentioning Farmers Mail and Breeze.—Advertisement.

Simon's Duroc Jersey Sale.

John C. Simon, the big Duroc Jersey specialist of Humboldt, Neb., will have his usual, good offering for his November 15 sale. Forty-five boars and five spring gilts go in this sale. Of the boars, 10 are big, strong fall boars and the others of spring farrow. The offering is mostly the get of the two herd boars, King's Wonder and Lawndale Disturber. King's Wonder is a worthy son of the noted sire, King's Col., and was good enough to stand first in class, and a strong class at that, last year at Nebraska State Fair, defeating a boar that has since sold for \$3,500. Lawndale Disturber is a son of Old Disturber with a National Chief dam. He stands up high and is one of the real herd sires of the west. Pigs by both boars prove their value as sires of big, strong backed type Durocs. The offering has been carefully gone over and only the best of the spring crop have been reserved for the sale. Write early for catalog and mention this paper.—Advertisement.

Citation Duroc Sale.

C. C. Dee, the man with the nerve to pay \$5,000 for Citation, the noted Nebraska boar, will hold his annual sale on the farm near Tecumseh, Neb., on Nov. 19. This will be the first chance to buy gilts bred to this boar that is destined to make so much Duroc history. Mr. Dee has picked out fifteen high class gilts and will have them safe to this great boar that have made much history in the past. He also sells fifteen open gilts that include some out of the great litter raised by the \$1,425 champion sow that is a daughter of Orion Cherry King. The twenty boars that sell include some real herd boars, also out of this litter. This litter was sired by the grand champion boar Critic B. An examination of this catalog will reveal the fact that Mr. Dee is cataloging a great line of animals for this sale. Write early for catalog and mention this paper. **Joseph Johnson** will represent this paper. **Joe Johnson** send him bids, in Mr. Dee's care if interested and unable to attend.—Advertisement.

Percheron Dispersion Sale.

One of the biggest and most important livestock events of the season will be the big Percheron horse dispersion sale to be made by **L. Bridenthal**, of Wymore, Neb., on Nov. 22. Mr. Bridenthal has been one of the heaviest buyers of strictly high class Percherons, and dispersing the herd at this time, gives prospective buyers a rare opportunity to buy close to home, some of the greatest Percherons ever offered in an auction in the middle west. Mr. Bridenthal was an exhibitor at Nebraska State Fair this year and won first and second on aged mares, first on three-year-old mare, first on yearling mare and 1917 futurity filly, first on two-year-old stallion, grand champion mare, reserve champion mare, junior champion mare, all in open classes, and a lot of other prizes in every class shown. Fourteen firsts in all and one bronze medal, and all of this in the strongest kind of competition. Readers of this paper will have a chance to buy these great animals as everything sells. Write now for catalog, mentioning Farmers Mail and Breeze.—Advertisement.

Shorthorn Sale Minden, Neb.

Jorgensen & Rogers and **Rogers & Bolcourt**, successful Shorthorn breeders, of Minden, Neb., have joined forces and will hold a sale at Minden on Dec. 6th. On the above date they will sell a very select draft from the two herds. Of the sixty head selling about half have straight Scotch pedigrees and everything that sells has several good Scotch crosses. Among the good values that sell will be fifteen good young cows with calves at foot and most of them rebred. These cows include daughters of such sires as Nonpareils Victor, Imp. Scotch Bank, Imp. Scottish Sentinel, Imp. Tommy W. and Imp. Strowan Star. Many of these great breeding cows. Many of the calves at foot were sired by and the cows and heifers of breeding age will be bred to the great herd bulls, Augustus King and Prince Karl, a son of Scottish Rex 2nd. The young bulls include some extra good herd bull prospects and the females, of which there are 55 head, contain animals good enough to have a place in the best herds. The catalog now being issued gives all necessary information. Write for it and mention this paper.—Advertisement.

S. E. Kan. and Missouri

BY C. H. HAY

The Laptad hog sale was not as well attended as have been his former sales but those present wanted hogs and the sale resulted in an average of \$45.75 for the Polands and \$54 for the Durocs.—Advertisement.

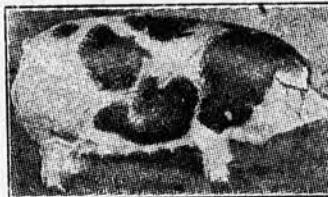
Laptad Offers Fine Yearling.

If you are interested in a first class Poland China herd boar you should see the one **Fred G. Laptad** is offering. He is a grandson of Big Bob Wonder and out of the best producing sow on the Laptad farm. He is a boar of immense scale, with heavy bone, good feet, good arched back and a fine coat. He is the making of a great boar and is offered at a bargain if taken soon.—Advertisement.

American Royal This Month.

The livestock interests welcome the return of the American Royal show to the stock yards at Kansas City, where closer contact with the commercial livestock interests is assured. The American Shorthorn Breeders' association has greatly increased the appropriations for Shorthorn prizes and one of the most interesting show contests the breed has made will occur. The prize herds of the central and eastern show circuits will meet those of the western and middle western shows for the first time. It will be a lively

POLAND CHINA HOGS.



Old Original, Big-Boned SPOTTED POLANDS

The kind our forefathers raised. Spring boars, bred sows, and fall pigs for sale NOW. Write at Once.

EVERMAN STOCK & POULTRY FARM, Rt. 5, Gallatin, Mo.

Poland China Boars sired by King Wonder's King 2nd, 12 mo. old \$60. 6 mo. old \$25. Pedigrees furnished. Safe arrival guaranteed.
HENRY S. VOTH, R. 2, GOESSEL, KAN.

Hunter's Large Type Polands

Spring boars that will grow large and sire the large kind. They are by Kingfellow 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.**

Poland China Boars

Just a few of my best boars offered. Strictly big type and good all over at farmer's prices for a few weeks.
J. E. Beagel, Dwight (Morris Co.), Kansas

OLD ORIGINAL SPOTTED POLANDS

Stock of all ages. Special prices on baby pigs. Satisfaction guaranteed. Write your wants to the
CEDAR ROW STOCK FARM,
A. S. Alexander, Prop., Burlington, Kan.

MORTON'S BIG POLANDS

25 choice spring boars out of Giant sows and sired by Miller's Chief, Gerstdale Jumbo and Morton's Giant, a boar that in only fair breeding condition weighs over 1000 lbs. All immuned. We can please you.
Geo. Morton, Oxford, Cowley Co., Kansas.

ERHART'S BIG POLANDS

A few fall boars ready for hard service. Can spare two tried herd boars. Have the greatest showing of spring boars we have ever raised. Some by the 1,250 pound, a Big Wonder. All immuned.
A. J. ERHART & SONS, NESS CITY, KAN.

Poland China Herd Boars

If you want a good boar come and see the ones I am offering or let me write and describe them to you. They are sired by Ex Jumbo, by Morton's Jumbo and John Worth, a grandson of Goldengate King. My prices are reasonable and I guarantee satisfaction. **Homor Souders, Chetopa, Kan.**

Oxford Herd Poland Chinas

Herd headed by Giant Lunker, by Discher's Giant. Herd sows by Caldwell's Big Bob, Rood's Giant, Herchel's Product, Big Fred and Big Ben. Choice spring boars, the really large kind. Satisfaction guaranteed. **H. R. Wenrich, Oxford, Cowley Co., Kan.**

WARREN'S Large Type POLANDS

An outstanding son of Big Timm heads our sow herd, some that cost up to \$1200. Immunized spring boars, with fashionable blood, size and quality. Guaranteed to please.
EZRA T. WARREN, CLEARWATER, KAN.

Townview Polands

Herd headed by the great young boar, King Wonders Giant 77326, I can ship spring pigs, either sex, or young herds not related. Boars ready for service. Bred gilts. Prices and Hogs are right. **Chas. E. Greene, Peabody, Kansas**

BIG TYPE POLAND CHINAS

Couple of bred sows priced cheap for quick sale. Choice spring boars \$40 each. Best of breeding. Cholera immune.
FRANK L. DOWNIE, Rt. 4, Hutchinson, Kan.

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.

Sons of

McGROFF'S BIG ORPHAN

Grandsons of

CALDWELL'S BIG BOB

May boars of outstanding breeding and quality, priced to sell quick. Need room for fall litters. \$50 each. **N. A. Mudge, Turon, Kan.**

Webb's Farm Poland Chinas

BIG BONE TYPE

Bargains in Spring Boars and Gilts. These pigs are all selected and will weigh from 120 to 180 pounds at 4 to 6 months old. They are sired by the world's champion, Caldwell's Big Bob (1122 lbs.); the Kansas champion, McGath's Big Orphan (1170 lbs.); Captain Gerstdale Jones (son of the \$6,000 Gerstdale Jones), and other noted sires. We purchased the top sow in B. E. Hodson's Feb. sale at Wichita, Kan., for \$775.00. Everything immuned by simultaneous method. We guarantee the pigs to please Real Herd Boar prospects. Write for prices and descriptions.
FRED E. WEBB, R. 1, Protection, Kansas

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McGROFF'S BIG ORPHAN

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FRED E. WEBB, R. 1, Protection, Kansas

POLAND CHINA HOGS.

POLAND CHINA SPRING PIGS \$20

Four big boned boars out of King's Model, by King Wonder by King of Wonders, by A Wonder 10733, etc. From prize winners. **E. CASS, COLLYER, KANSAS**

CHOICE SPRING BOARS

also two extra good yearling boars. Sired by Spotted Duke and Moser's 5th. Spot, out of sows by Spotted Jumbo, Brandywine and Spotted King. I am raising these boars in line with their breeding and individuality. No sows or gilts for sale.
O. S. JOHNSTON, BONNER SPRINGS, KANSAS.

Large Type Poland Boars

20 choice young boars by such sires as Model Wonder, by Big Bob Wonder, The Giant, by Herchel, by Big Ben, King Ben, by Giant Ben, Cant. Gerstdale Jones, Big Bob Jumbo and A Big Wonder.
ROSS & VINCENT, STERLING, KANSAS

Poland China Boars of Spring Farrow

Big nice ones at attractive prices. Also gilts same age sold organ. Also fall pigs, either sex, bargain prices. Pedigree with each pig.
N. M. BAILOR & SON, ALLEN, KANSAS

FAIRVIEW POLAND CHINAS

15 heavy boned March boars, the tops of our entire spring crop. Also choice gilts. Reasonable prices. Write us your wants.
P. L. WARE & SON, PAOLA, KANSAS

Myers' Big Type Polands

Choice spring boars by Jumbo Bob, whose sire and dam's sire were the same as the world's champion Caldwell's Big Bob. Others by Myers' Joe Orange and Maple Grove Big Bob. All immuned. Write
ELMER MYERS, HUTCHINSON, KANSAS

POLAND CHINA BOARS

For sale 3 November boars by Jumbo King, weight 250 pounds, 20 spring boars by the Bob's Model, weighing 750 pounds at 13 months old. Sure breeder, lots of quality. Come and see them. 3 mi. N. W. of town.
A. L. ALBRIGHT, WATERVILLE, KANSAS

HAMPSHIRE HOGS.

Hampshires on Approval Fall gilts, bred and out, etc. Just good ones for sale. The first went to market. **F. B. Wempe, Frankfort, Kansas**

MESSENGER BOY BREED

Service boars. Spring boars and gilts. Weanling pigs. **F. T. Howell, Frankfort, Kansas.**

Scudder Bros. Hampshires

Nicely bred, easy keeping, quick maturing, the kind that farrow and raise large litters. A natural reason and the healthiest breed of hogs in the world. Fashionable breeding. Cholera immune. Write
SCUDDER BROS., DONIPHAN, NEBRASKA

SBAW'S HAMPSHIRE

Six strong yearling boars, grandsons of Messenger Boy, ready for hard service. Satisfaction guaranteed. All immuned. Write
Walter Shaw, R. 6, Phone 3918, Derby, Kansas, Wichita, Kansas

BUCK'S HAMPSHIRE

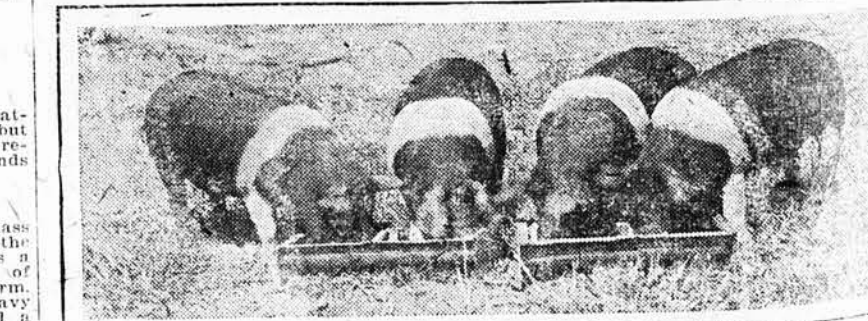
They farrow and raise large litters. Special prices on boars. Sows and gilts to farrow this fall. Let me start you in the Hampshire business with a good boar and a few sows or gilts to mate with him.
125 head from which to select.

Best of blood lines, such as Messenger Boy, Buck out, etc. These hogs will please you. So will the price. Write today.

C. I. BUCK, CANTON, OKLA.

HAMPSHIRE PRIVATE SALE

7 good October yearling boars. 20 March boars. 20 March gilts. A few choice fall yearling gilts. All Messenger breeding and the gilts bred to a son of the grand champion Senator, or open. All are well grown and well belted. Prices reasonable.
OLSON BROS., ASSAHTA, KANSAS
12 miles south of Salina.



F. B. Wempe's Prize-Winning Hampshires

Four of my boars that won first, second and third in the open show at Topeka and Hutchinson and the silver trophy worth \$100. They were the best four boars under six months show and I have nine for sale just like them. My herd won 20 firsts and other minor awards at Topeka and Hutchinson. I will sell a few very choice spring gilts. Address for further information.

F. B. WEMPE, FRANKFORT, KANSAS

HOLSTEIN CATTLE.

Better Holstein Bulls

Let's put Kansas on the Holstein-Friesian map.

In a recent trip through the dairy sections of Ohio, Vermont, New York and Wisconsin, accompanied by Ben Schneider, President of the Kansas Holstein-Friesian Association, as advisor, I visited some of the greatest herds in America and bought over 50 head of the best individual and producing animals ever shipped to Kansas. These were the choicest offered for sale in the herds we inspected, and Mr. Schneider pronounces my herd the best in Kansas today.

There was room in our car for a few young bulls and Mr. Schneider said these were the kind needed in Kansas to increase the production of our herds, so we selected nine head, the cream from hundreds inspected, all perfect individuals with straight top lines.

Shipping these without additional expense, and buying in connection with females for my herd, I can offer these for sale for much less than you could get them direct and you have the benefit of Mr. Schneider's experience and judgment in making a selection.

Prices range from \$100 to \$350 each. Write me what you want to pay, and I will describe and send pedigree and photo if desired of best at the price.

None are over ten months of age. Will only list four here, but they are all good. Sweet Brook Jupiter, 241428, born Jan. 19, 1918, more black than white, is from a dam that topped the sale at the greatest sale ever held in Brattleboro, Vt., and the sire is said to be the best son of Colantha Johanna Lad. A full sister of this calf was second highest female in the sale. The records of his six nearest dams, average butter 7 days, 26.20 pounds. This calf is a bargain for some one at \$300 being less than one quarter of what his dam and full sister sold for at auction.

Have another calf born Jan. 16, at same price from even higher record dam, his dam, and two nearest dams of sire average butter 7 days 29.68. Sire of this calf same as above.

Another promising youngster, born April 29, 1918 has a pedigree that looks like Rag Apple Korndyke 8th, tracing four times within three generations to Pontiac Korndyke, and King of the Pontiacs. The sire King Korndyke Malt, weighs about 3000 pounds, and is the best individual son of Pontiac Korndyke, and his dam, a 33 pound daughter of Pontiac Korndyke. The dam of the calf, now in my herd, is a good A. R. O. daughter of King of the Pontiacs, who is by Pontiac Korndyke. This calf at \$350 is good enough to head any herd in the land.

Have another born Dec. 30, 1917 at \$200 sired by Maplemont Alcartra Beets, a 32.73 pound bull, whose five nearest dams average butter 7 days, 20.00 pounds. The dam of calf is a good A. R. O. daughter of King Segis.

First check will get any of these animals, and will deliver with registry and transfer papers, to any express office in Kansas, Missouri or Oklahoma, and if the buyer is not pleased, he can return same within five days after receipt, and I will refund price and stand the express one way. All tuberculin tested and sold subject to sixty days rest privilege.

I desire to take an active part in the promotion of Holstein-Friesian interests in our state, and believe we are destined to rank with the best in this industry.

Sam Carpenter Jr., Windmoor Ranch, Oswego, Kan.—Advertisement.

AYRSHIRE CATTLE.

"SOME NOOK FARM"

Ayrshires For Sale

3 choice young bulls, two, five and six months, and by Mulhouse Sir John Imp. and one of Embayston best sons. They are beauties.

LLOYD & BRANIC, COUNCIL GROVE, KAN.

JACKS AND JENNETS.

FOR SALE Registered Jack and Imported Percheron Stallion. Must sell. Closing an estate. John Prather, R. 4, Newton, Kansas.

WANTED GOOD YOUNG JACKS, Description and price in first letter.

GEO. S. LEWIS, DIGHTON, KANSAS

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

fight. The season has developed no reigning champion east or west. There will be many aspirants and the fight will wax warm. A feature of the Shorthorn exhibit is that the entries are largely young things, the productions of the exhibitors' individual herds. November 16 to 25 are the dates.—Advertisement.

Local Shorthorn Association.

The American Shorthorn Breeders' association, Chicago, desires to make up a complete list of all local, county, district, state and interstate Shorthorn associations and asks that such associations report to Sec'y F. W. Harding, 13 Dexter Park Ave., Chicago, the name of the association and the name also of the secretary. It is desired to have this information in hand as early as possible and a prompt response will be appreciated.

General

The Jersey cattle sale of W. H. Maxwell, R. 2, Topeka, Kan., which was postponed on account of the influenza quarantine, has been set for November 12. On this date the offering as originally advertised will be sold. Those who have catalogs can refer to them for full particulars, and those who have not should write Mr. Maxwell at once, addressing as above. An announcement, in this issue, of the postponement, gives further particulars.

Hereford Sales' New Dates.

New dates as follows, have been selected for the Hereford sales of the Kansas Hereford Breeders' Ass'n and for Miller & Manning. These sales, which were scheduled for October 21 and 22, were postponed in compliance with the request of the Kansas Board of Health, and the consignors to the sales stood a considerable financial sacrifice in order to thus observe the public good. The new dates are November 16, at Council Grove, Kan., for the Association sale, and November 18, at Parkerville, Kan., for the sale of Miller & Manning. Excepting for the change in dates the catalogs already issued will stand. In the two sales 200 representative Hereford cattle will be sold. Catalogs for both sales can be secured by writing F. H. Manning, Parkerville, Kan. He is secretary of the Kansas Hereford association.—Advertisement.

Important Kansas City Sale.

One of the very important public sales to be held in connection with the American Royal Livestock Show at Kansas City, is the Shorthorn sale of Holmes & Harris on Saturday, November 23, the last day of the show week. The contributing herds will have representatives in the high class offering which the American Shorthorn Breeders' association will sell Thursday, Nov. 21, but in their own sale, the 23d they sell a joint draft of over 50 strictly valuable animals of a highly practical character and in such condition and of such ages as to make them especially desirable for foundation material for new herds. Two extremely well bred young Scotch herd bulls will be included, as well as also some prize winning females and others just as good which never have been shown. Among the requirements which this offering notably fulfills are those for deep bodies, straight backs, regular production and heads and horns denoting the best Shorthorn character. For catalogs of this sale address either H. H. Holmes, of Topeka, or A. B. Harris, of Osage City, Kan., and mention Farmers Mail and Breeze.

Shorthorn Week.

It will be "Shorthorn Week" during the American Royal show at Kansas City, which begins Saturday, November 16. This has been an interesting year in the Shorthorn shows. The honors have been well distributed. There is to date no reigning champion. It is still an open contest. In the central and eastern fairs the question of supremacy remains unsettled. In the western and middle western contests the same. The various contestants will come down to the Royal and fight out this question of pre-eminence. The favored ones of the east have not as yet competed with the ribbon bearers of the west and the fight will be the more interesting as a result. In connection with the show a sale offering of fifty high class Shorthorns will be held, occurring Thursday, November 21, and all who have inspected the cattle selected for this sale agree that it is the best offering thru-out that has ever been presented in a Royal sale. The sale will be held under the auspices of the American Shorthorn Breeders' association and includes thirty-seven females, thirteen bulls, among them seven imported animals. Every Shorthorn man should be on hand at this show and sale, and beginners, especially, will find it a most safe and saving place to buy.—Advertisement.

Pick Breeding Ewes Now

Fall is the best time to select a breeding flock of sheep for then ewes are most plentiful and cheap. Grade ewes of the Shropshire, Hampshire and other down breeds, or of the fine wool breeds, crossed with a purebred mutton type ram produce desirable market lambs.

Anyone desiring a carload or more will do well to get in touch with some commission firm at one of the large markets, for the Western ewes coming to these markets carry some fine wool blood and make an excellent foundation.

It is important that ewes bought for breeding purposes have good teeth and two teats. Ewes with snaggy mouths or without teeth should be refused. The body conformation should be a trifle rangy, good from the mutton standpoint, yet well covered with wool.

If it is planned to raise fine woolled sheep, more attention should be given to the wool. Class A Merino, Delaine or Rambouillet ewes are excellent from this standpoint and will produce good mutton lambs when crossed upon the right kind of a mutton breed ram.

It is never too late to do good.

HOLSTEIN CATTLE.

HOLSTEIN CATTLE.

Sept. and Oct. Holstein Bargains

20 fresh cows and heifers that I want to close out at once. Your big opportunity if you want milk. Choice two-year-old high grade heifers bred to King Segis bulls. Springing cows, of good ages. Heifers bred to freshen this fall.

Registered bulls six months to two years. Some of King Segis and good enough to head any herd. 25 registered cows and heifers; some of them of A. R. O. breeding. A few high grade heifer calves at \$30 express paid. When looking for quality and milk production come to the Hope Holstein Farm. Mo. Pacific, Santa Fe and Rock Island.

HOPE HOLSTEIN FARM

Address, M. A. Anderson, Prop., Hope, Dickinson County, Kan.

I Have a Nice Line of High-Grade Holstein cows to freshen soon; also a few heifer calves 4 to 6 months old. All this stuff is 15-16ths pure. Prices right.

W. P. PERDUE, CARLTON, KAN.

OAK HILL FARM'S HOLSTEIN CATTLE
yearling bred heifers and bull calves, mostly out of A.R.O. cows
Perfect satisfaction guaranteed. BEN SCHNEIDER, Nortonville, Kan.

DO YOU LIKE INDIVIDUALITY

with breeding? Then write us about our Holstein bulls ready for service and younger. They are good ones. Prices to sell.

G. H. ROSS & SONS, R. 1, Independence, Kan.

JERSEY CATTLE.

REGISTERED JERSEY BULLS \$50. COWS and heifers. PERCY LILL, Mt. Hope, Kan.

I Offer For Sale a GAMBOGE KNIGHT

Hood Farm two year old Herd Bull that I guarantee to be one of the best Jersey bulls in the state—will sell to the highest bidder at private sale—sold to avoid in-breeding. R. J. LINSOTT, HOLTON, KANSAS

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 Highstead Viola, imported, by Bagatelle's Lad. First check for \$100. Write for pedigree. M. L. GOLLADAY, PROP'R, HOLDEN, MISSOURI.

GUERNSEY CATTLE.

REGISTERED GUERNSEYS for sale. Both sexes. W. E. Evans, Jewell, Kan.

FOR SALE—REGISTERED IMP. GUERNSEY COW

Due to calve December the 9th. Bred to Dictator of Oak Hill 25481. His dam made 720 pounds of butter fat. His sire's dam made 775 pounds of butter fat. His grand dam made 996 pounds B. F. Sire's sister made 1017 pounds butter fat. Also bull calf out of imported cow, not related.

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.

MULEFOOT HOGS.

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

HEREFORD CATTLE.

REGISTERED HEREFORD BULL FOR sale. A. M. PITNEY, BELVUE, KANSAS.

PLEASANT VIEW STOCK-FARM
HEREFORDS and PERCHERONS

Thirteen yearling bulls, well marked, good colors, weight 1300 pounds; also some early spring calves, weight 600 pounds. Can spare a few cows and heifers, bred to my herd bull, Dominieer, a son of Domino. Also some Percheron stallions from weanlings to 2-year-olds, black and greys.

Mora E. Gideon, Emmett, Kansas

West Branch
HEREFORDS
At a bargain: One fine bull 30 months old, 1800 pounds, \$250. Three heifers, 15 months old, \$150 each. These cattle are in good flesh, dark red, marked right and of Anxiety 4th blood. All registered.

J. H. GOERTZEN, R. 3, HILLSBORO, KAN.

HEREFORD CATTLE.

HEREFORD CATTLE.

The Blue Ribbon Stock Farms
200 REGISTERED HEREFORDS

We are offering cows, heifers, calves of either sex, for sale at reasonable prices. They are large, heavy boned and well marked, good colors and well bred. We are making a special offer of bulls ready for service, delivered at your station Oklahoma, Kansas or Texas, for \$150. Send draft for what you want.

Lee Bros. & Cook, Harveyville, Kan.

BLUE RIBBON STOCK FARMS
HOLSTEINS—HOLSTEINS

The blue ribbon stock farms are offering for quick sale twenty REGISTERED COWS and HEIFERS some with records from 25 to 28 A. R. O. records. We also have a few very choice bulls ready for service. We have at this time around 60 head of high grade cows and heifers. Priced to sell.

HEREFORDS—HEREFORDS

We are also offering from ONE to 200 head of HEREFORDS all registered from calves to matured cows, also some extra good young bulls ready for service. Write us your wants. Dr. Cook, E. W. Lee, and J. H. Lee, all members of the firm are in the draft age and want to reduce their herd.

LEE BROS. & COOK, Wabasha County, Harveyville, Kan.

Young Registered Holstein Bulls with good A.R.O. background. H. W. Waldman, Meads, Kansas

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

BRAEBURN HOLSTEINS

Service bulls. Their heifers will outyield the dams 10-50%. Surplus females sold.

H. B. COWLES, 606-Kan. Ave., Topeka, Kan.

Registered Holsteins

If you want big producers, males and females all our own breeding, write us.

Lilae Dairy Farm, Route 2, Topeka, Kansas.

Bonnie Brae Holsteins

Grand sons of King Segis Pontiac, from high producing dams, old enough for service.

IRA BOMIG, STA. B, TOPEKA, KANSAS.

DAIRY CATTLE at AUCTION

Eleven high grade Holstein cows giving milk, recently fresh, 1 will be fresh in 6 weeks; five 3-year-old Jersey-Ayrshire heifers to be fresh early in winter; 6 Holstein heifers coming two-years—one bred; 1 Polled Durham heifer; 1 Ayrshire heifer; 1 Holstein bull, coming three years, pure bred but not registered—a fine breeder. Sale to be November 7, 1918, at my farm 1 mile north of Blue Rapids

R. G. ARNOLD, BLUE RAPIDS, KANSAS

VALLEY BREEZE FARM

Offers a 22 pound bull sired by our herd sire, Admiral Walker Butter Boy 87464, whose first two daughters averaged 20 pounds butter seven days as junior two-year-olds. This bull is six months old and a fine individual. Also young bull by 80 pound sire and an excellent dam. In a few weeks we will have calves sired by North Country Dutchland Korndyke whose dam holds WORLD'S RECORD FOR MILK AND BUTTER as a senior two-year-old. Later calves from dams with excellent butter records and sired by King Korndyke Winona 228376, a 42 pound bull.

Orin R. Bales, Lawrence, 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, Ka.

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.

SUNFLOWER HERD

Come to Lawrence for your next herd sire. King Johanna Rag Time Artis, born Dec. 16, 1917. Dam's record 28.18 pounds, sire's dam over 28 pounds and he is a grandson of a 38 pound cow. Another, born Nov. 9, 1917. Sire: a 25 pound grandson of King of the Pontiacs. Dam: a 15 pound junior 2-year-old granddaughter of Colantha Johanna Lad.

Another, born Sept. 10, 1917. Sire a 31 pound son of Spring Farm King Pontiac. Dam, a granddaughter of King Segis and Colantha Johanna Lad. Also a few bull calves.

You can't beat them for individuality, size, markings, and the price is right. They won't last long, so get busy right now.

F. J. SEARLE, LAWRENCE, KANSAS

RED POLLED CATTLE.

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

Pleasant View Stock Farm Registered Red Polled cattle. For sale: a few choice young bulls, cows and heifers. HALLOREN & CAMBRILL, OTTAWA, KANSAS.

LARGE DEEP-FLESHED RED POLLS Springing two, whose dams and sisters produce 600 pounds butter per year. Be prompt. Write or come. Chas. L. Jarboe, Quinter, Kan.

Red Polled Herd Private Sale We are changing locations and must sell our cattle. 20 choice young cows bred for spring, to the ton bull. DAYSON. 20 bulls in age from 6 to 18 months. Will sell one or a car load. W. F. Schwab, Clay Center, Neb.

Bargains in Red Polls A few extra good cows safe in calf, also a few choice yearling heifers. All at rock bottom prices. I. W. POULTON, MEDORA, KANSAS.

Sunnyside Red Polls Individuals of merit and desirable breeding. Bulls of serviceable age, a few heifer calves and cows; also my herd bull, Napoleon's Reuben No. 28735. T. G. McKINLEY, JUNCTION CITY, KAN.

LAST SON OF CREMO 23061

This herd bull for sale. Also a nice string of yearling bulls by him and some younger. Also cows and heifers. Address, Ed. Nickelson, Leonardville, Kansas (Riley County)

POLLED DURHAM CATTLE.

Double Standard Polled Durhams young bull of Scotch breeding for sale. Herd headed by Forest Sultan. C. M. HOWARD, HAMMOND, KAN.

Double Standard Polled Durhams One bull three years old, very gentle, weight 2000 pounds. Price \$200. Also young bulls and heifers at reasonable prices. W. C. BAUMGARTNER, HALSTEAD, KAN.

POLLED DURHAM AND SHORTHORNS Fourteen bulls, 7 to 18 mo. old, all sired by The Baron, a 2600 pound bull. I will also sell The Baron, also have 10 cows and heifers to sell. Shipping station, Phillipsburg and Stockton. T. S. SHAW, GLADE, KANSAS.

**J. C. BANBURY & SONS
POLLED DURHAMS**
(Hornless Shorthorns)



BULLS \$100 TO \$500 Roans and reds and halter broke. Bulls in service, Roan Orange X10079-383944, weight 2500 pounds; also Sultan's Pride. We crate, deliver at Pratt, furnish both certificates and transfers. Phone or wire at our expense when you will come.

J. C. BANBURY & SONS, PRATT, KANSAS 20 SHORTHORN cows and heifers, also a few choice bulls, all at bargain prices for 60 days. J. C. BANBURY & SON.

ABERDEEN ANGUS CATTLE.

Allafadell Stock Farm Angus Twenty cows and heifers. Alex Spong, Chanute, 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

Registered Aberdeen Angus Cattle Good strains and size. Must sell on account of help and feed. Priced to sell. H. L. KNISELY & SON, TALMAGE, KAN. (Dickinson County)



Angus Cattle—Duroc Hogs C.H. Sparks, Sharon Springs, Kansas, can furnish my bulls for northwest Kansas.

Johnson Workman, Russell, Kan.

Angus Cattle For Sale

40 registered cows, bred or with calf at foot. 15 bulls, 15 to 18 months old. If you want either cows, heifers or bulls and visit my herd, we will be nearly sure to deal. Cattle close to Clements, Kan., on Santa Fe, 11 miles east of Florence and 13 miles west of Strong City, Kan. D. J. WHITE, CLEMENTS, KANSAS.

DAIRY SHORTHORN CATTLE.

PURE BRED DAIRY SHORTHORNS Double Marys (pure Bates), and Rose of Sharon families. Some fine young bulls. R. M. ANDERSON, Beloit, Kan.

SHORTHORN CATTLE.

SUNFLOWER

SHORTHORNS

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

SHORTHORN CATTLE.

Good Shorthorn Herd Foundation 15 head, registered, good animals and strong in desirable Scotch breeding. 7 are regular producing cows; 8 are calves 8 to 12 months old, four bulls and four heifers. Some of the cows have young calves at foot; balance well along. D. Ballantyne & Son, Herington, Kan.

SHORTHORNS

Eight bulls for sale, from eight to eighteen months old. Also a few heifers. S. A. HILL, R. R. No. 2, Smith Center, Kansas

Cowan & Son's Shorthorns

We have 15 bulls from 6 to 18 months, mostly reds, two roans. All are sired by Mistletoe King, by Mistletoe Archer, by Prince Royal. He weighed 2,000 the day he was three years old. Have one pure Scotch 16 mo. sold out of Crimson Beauty, the highest priced cow in Neb. State Breeders' sale in 1916. The youngest 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 Glasgow. He weighed 2648 at five years old. C. A. COWAN & SON, ATHOL, KAN.

Meuser & Co's Shorthorns

Nine nice young Scotch topped bulls, reds and roans, ready for service. They are by Sycamore Chunk, by Mistletoe Archer and out of cows that carry the blood of such sires as Choice Goods and Victor Orange. They are good and priced right. Farm 1 1/2 miles from Anson and 7 1/2 from Conway Springs, Kan.

WM. L. MEUSER, MANAGER, ANSON, KAN.

Stunkel's Shorthorns

Scotch and Scotch Topped Herd headed by Cumberland Diamond bulls, reds and roans 8 to 24 months old, out of cows that 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.

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-bred reg. Duroc Jerseys. Address,

M. R. Peterson, Prop., Troy, Kan.

Shorthorn Beef Records

An Illinois load of yearling Shorthorn steers made the world's market record at Chicago, Oct. 3, selling for \$19.60 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.



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

Master of the Dales

RICHEST OF BREEDING. Requiring Ancestry Excelling Both in Performance and Individuality.

PLAINEST OF CARE consistent with proper development of form, size and reproductive ability.

Material for herd bulls and herd foundations for sale. A range of values to meet variety of needs. Send for catalog and private sale lists, mentioning Farmers Mail and Breeze.

H. M. HILL, LA FONTAINE, KANSAS

SHORTHORN CATTLE.

CEDAR Shorthorns LAWN Shorthorns

Offers choice Scotch and Scotch topped bulls from six to 15 months old. A pleasure to show our herd. Write for prices and descriptions.

S. B. Amcoats, Clay Center, Kan.

Woodland Ranch

Breeders of

Shorthorns—Polled Durhams

15 bulls for sale. 7 of serviceable ages now. Write for full particulars.

ELLIOTT & LOWER, Courtland, Kan. (Republic County.)

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, Talmó, Kan.

ValleyView Stock Farm

SHORTHORNS

10 bulls 10 months old. Reds and roans by Diamond Searchlight 208837 by old Searchlight. Some choice cows and heifers bred to Victoria's Baron by Secret Baron.

POLAND CHINAS

10 cracking good March boars sired by Timm 3d by Big Timm. Out of mature sows.

R. B. DONHAM, TALMO, KANSAS

Republic county.

Shorthorn Bulls

16 bulls from 6 to 10 months old, got by two splendid Scotch bulls and out of Scotch topped cows of good scale. Not highly conditioned; sure to do well in your hands. Prices very reasonable. Address,

V. A. PLYMOT, BARNARD, KAN. (Farm in Mitchell county)

Shorthorn Bull Special

18 head of yearling heifers, reds and roans; also some splendid yearling and well grown last spring bulls, mostly sired by Orange Lovel and Marengo Pearl. Popular prices. Ship over Union Pacific, Rock Island, Mo. Pacific and Santa Fe.

C. W. Taylor, Abilene, Kan. (Dickinson County)

Lookabaugh's Shorthorn Sale List

10 choice herd headers of the richest Scotch breeding, sons of Fair Acres Sultan.

10 Scotch herd bulls, sons of Avondale's Choice and Watonga Searchlight.

20 head Scotch heifers of reliable families.

25 Scotch cows, some with calves at foot and rebred.

15 Scotch topped farmer bulls on the milking strain.

35 bred heifers, red, white and roan.

25 open heifers on the milking strain.

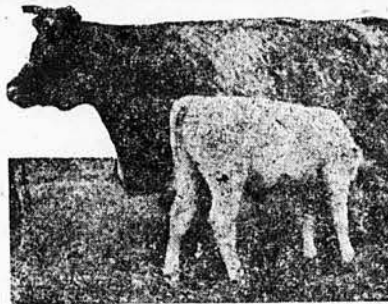
40 Scotch topped cows on milking strain, weighing from 1200 to 1600 lbs., the kind that make good on the farm. Many of these have calves at foot and are rebred.

A carload of early spring calves, bulls and heifers.

Write or call on

H. C. LOOKABAUGH

Watonga Oklahoma



SHORTHORN CATTLE.

Shorthorn Bulls for sale. 3 Shorthorns and 1 Polled Durham, large enough for service. Robt. H. Hanson, R. F. D. No. 3, Jamestown, Kansas

SHORTHORNS Three young Scotch bulls, herd headers. 20 young bulls suitable for farm or ranch use. J. M. Stewart & Son, Red Cloud, Neb.

Shorthorns at the ROYAL

for the week beginning
November 16

The offering of Shorthorns selected for the American Royal sale,

Thursday, November 21

is the best, by far, ever offered in the "Royal" sales at Kansas City. It includes 37 females and 13 bulls, imported and home bred, picked with special attention to individual merit, usefulness and desirable blood lines. The consignors are:

Bellows Bros., Maryville, Mo.; W. A. Forsythe & Sons, Greenwood, Mo.; Harriman Bros., Pilot Grove, Mo.; Ewing Bros., Morrisville, Mo.; H. C. Duncan, Osborne, Mo.; Ravenwood Farm, Bunceton, Mo.; Sni-A-Bar Farm, Grain Valley, Mo.; Tomson Bros., Carbondale and Dover, Kan.; Kansas State Agricultural College, Manhattan, Kan.; A. D. Flintom Estate, Homewood, Kan.; H. H. Holmes, Topeka, Kan.; P. E. Salter, Wichita, Kan.; John Regier, Whitewater, Kan.; John T. Kramer, Tulsa, Okla.; C. E. Suppes & Son, Tulsa, Okla.; H. C. Lookabaugh, Watonga, Okla.

The sale will be held under the auspices of the Shorthorn Association. Catalogs sent on request as per address below.

The Royal Shorthorn Show

is to be one of the most interesting show contests the breed has known. The champions and other prize winners of the eastern and central show circuits will meet for the first time those from the western and middle circuits. There is no reigning champion. The honors have been well distributed. It is still an open contest. The show entries composed chiefly of young Shorthorns will make up one of the most select exhibits the breed has yet brought out. It is a time to make a careful study of the best. The purebred Shorthorn is taking its place on the farms in greater numbers than ever before and is yielding larger returns on the investment.

Remember the date and place—week beginning Nov. 16—at the Stock Yards, Kansas City, Mo. The sale occurs Thursday the 21st.

American Shorthorn Breeders' Association

13 Dexter Park Ave., Chicago, Ill.

Southard's Monarch Herefords

200 young cows.

100 one and two-year-old heifers.

80 early heifer calves.

200 one and two-year-old bulls.

90 early bull calves.

At Private Sale

Annual Public Sale, November 23

90 cows and heifers, the breed's best.

10 bulls, herd header prospects.

Day following American Royal.

J. O. Southard, Comiskey, Kan.

THE CAPPER PIG CLUB

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.
Spotted Poland China..Harold Ireland, Bronson, Kan.
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 Building

Topeka, Kan.

Lawndale Disturber and King's Wonder DUROC SALE

Sale Pavilion at
Humboldt, Neb., Saturday, Nov. 16

35

Spring

Boars



10 September Fall Boars, 5 Spring Gilts

The offering has been double treated for cholera. Fall boars
all sired by **KING'S WONDER**, 1st in class Nebraska State
Fair-1917. Spring boars and gilts by the same boar and
LAWDALE DISTURBER, one of the tallest and widest sons
of the great Disturber, few by King's Col. Again, Sensation
Wonder 3d, King Orion, and included will be the spring boar
pig that won 4th in mighty strong class at Lincoln this year, out
of big sows that carry the blood of Big Gano, Chief Invincible,
Illustrator, Crimson Wonder, etc. Write for catalog. If unable
to attend let Mr. Johnson represent you.

John C. Simon, Humboldt, Neb.

Auct.: Col. W. M. Putman. Fieldman: Jesse R. Johnson

Woodsfield Farm Poland China Sale

Superior, Nebraska

Tuesday, November 12, 1918

30 IMMUNE SPRING BOARS

7 sired by Shank's Big Bob,
6 by Blue Valley Jewell, 17 by
Walters Jumbo and Hillcrest
King, 4 by Mou Gertsdale
Jones.

The offering lacks-fitting but carries the proper blood lines and if given
care they will make good in new hands. Write for catalog and mention
this paper.

Woodsfield Farm, J. Dee Shank, Prop.
Mankato, Kansas

AUCTIONEER, COL. J. C. PRICE. FIELDMAN, JESSE R. JOHNSON.

15 IMMUNE SPRING GILTS

Sired by the same boars and out of a
great line of sows that are daughters of
such sires as, Big Bob Wonder, Long
King's Best Son; Big Bone Standard,
Wonder Chief, White Sox Chief, Fashion
Master and Blue Valley.

Polled Durham Dispersion Sale

At Farm Near Town

Udall, Kansas, Saturday, November 9

On Santa Fe, about midway between Mulvane and Winfield.

26 Cows, Heifers and Bulls

16 Big Flat-backed Cows and Heifers, most of which are showing in
calf, some with calf at foot.

5 Heifer Calves, 4 Young Bulls.

The calves are by and the cows and heifers are bred to a massive
3-year-old Herd Bull, who also sells in the sale.

The foundation of this herd we bought from Illinois four years ago.
They were selected with a view of establishing a good herd of Double
Standard Shorthorns on a milking strain foundation. Just as success
was about to crown our efforts, the death of my father makes it neces-
sary to disperse the entire herd and return to Illinois. Catalogs now
ready. Address

E. D. Scott, Udall, Kansas

DeVoe's Spotted Poland China Sale

This is a dispersion sale and if you want
something good attend this sale

Onaga, Kan.

THURSDAY, NOV. 14

65-SPOTTED POLANDS-65

by such boars as Master K 149, Master A
4477, Middle's Silver Spots 1767, Silver Coin-
age 4757, Spotted Chief 145. 8 tried sows,
one herd boar. March, April and May pigs. One litter of September farrow.
Farm seven miles south of town. For a catalog address,

Don W. DeVoe, Onaga, Kansas

Auctioneers: C. M. Crews, L. Hoffman.



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
Scottish 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

Tuesday, November 12

Is the New Date Set For Our

Dispersion Sale of Jersey Cattle

which on account of the influenza quarantine, was postponed from Oct. 14.
Sale Will Be Held at the Farm one-mile south of Country Club
Grounds on Topeka Avenue road, Topeka, Kansas.

I am compelled to dispose of this herd, about 40 registered and 40 high
grades. These cows have been kept for results at the pail in a retail dairy
that has stood at the top with the city milk inspection and are clean and
healthy, tuberculin tests being made twice a year.

In the beginning I secured Golden Shy Fox, 93202, whose dam was im-
ported in dam and sold in Cooper's sale for \$1,750. He has daughters that
have milked up to 46 pounds a day with first calf, on grass only. For the
past year, Brookside Babe Torono, 141108, a bull of Hood Farm breeding,
has been at the head of the herd. This bull has more butter in his pedi-
gree than any other bull in Kansas. For catalog address.

W. H. Maxwell, R. 2, Topeka, Kan.

Col. D. M. Perry, auctioneer. B. C. Settles, Sales Mgr.

Dee's First Sale of Top-Notch Durocs

At Farm near Tecumseh, Nebraska
Tuesday, November 19, 1918

Featuring the \$5000.00 Boar "CITATION"

and boars and gilts out of the \$1425 National Prize Winner ORION KING'S LADY 20th, one of the best sows ever sired by ORION CHERRY KING. The boars and gilts that sell out of this great sow were sired by the champion boar, CRITIC B.

15 EXTRA BIG GILTS sell bred to the great CITATION.

15 TOP SPRING GILTS sell open. They are by the great boars of the breed.

20 SELECTED SPRING BOARS, including real herd boar prospects sired by great sires and from the greatest sows the breed has produced. Write for catalog and mention this paper.

C. C. Dee, Tecumseh, Nebraska

Auctioneer, Col. W. M. Putman. Fieldman, Jesse R. Johnson.

Barber & Sons' Shorthorn Sale Skidmore, Mo.,

Thursday, November 14

60 Miles North of St. Joe, Mo., on Burlington R. R.

5 YOUNG SCOTCH BULLS, HERD HEADER PROSPECTS;
37 SCOTCH COWS AND HEIFERS; 9 SCOTCH TOPPED
COWS AND HEIFERS. 20 OF THESE COWS AND HEIF-
ERS WITH CALF AT FOOT.

If you want a Cruickshank Secret, Victoria, Lavender, Duchess of Gloster, Violet Bud or Butterfly, a Marr Emma or Roan Lady, or a cow or heifer from tribes founded by such noted breeders as Campbell, Bruce, Duthie and others, you will find them in the catalog of this sale. Most of them with calves by or bred to VILLAGE JR., an Augusta by Imp. Villager and Village Perfection. A SERET by Imp. Villager.

"Many of those who start breeding registered Shorthorns have to start two or three times before they get started right. Start right by attending and buying some of the good things in this sale."—A. B. Hunter.

Write today for this interesting catalog; mention Farmers Mail and Breeze and address

F. C. BARBER & SONS,
Skidmore, Mo.

Auctioneers: Kraschel and Gross.

The New Dates Are November 16 and 18

In response to the call of the Governor and the State Board of Health, the management of the two big Hereford sales set for Council Grove and Parkerville on October 21 and 22 called these sales off in order to assist in checking the epidemic of influenza. To do this every consignor has made a financial sacrifice—but the public good has been served. We therefore ask the co-operation of everyone interested in good Herefords for the success of our sales on the new dates.



**The Kansas Hereford Breeders' Association Sells 100
Herefords at Council Grove, Kansas, November 16**

The catalog of this offering stands just as issued. Do not fail to come. The annual meeting of the association and the banquet will be held on the evening of the sale, Saturday, November 16.

(Auctioneers, Miller and Gatten.)

F. H. Manning, Secretary.

Miller & Manning
Sell On Sylvan Park Farm November 18

(The Day Before Hazlett's Sale at the American
Royal Livestock Show)

At Parkerville, Kan.,

Only a short distance from Council Grove

100 Anxiety-Fairfax Herefords

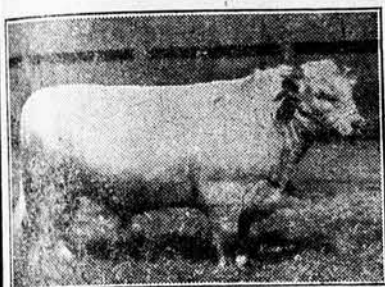
Their catalog, likewise, stands as issued for the earlier sale. Visitors enroute to the American Royal or staying over from the Association Sale on Saturday, are more than welcome.

Miller & Manning, Parkerville, Kansas

Auctioneers: Fred Reppert and Others.

REMEMBER THAT 200 REPRESENTATIVE HEREFORDS WILL SELL
IN THE ABOVE TWO SALES.

J. R. Whisler Sells Shorthorns



**Watonga, Okla.,
Monday,
November 11**

**50 HEAD THAT
WILL PLEASE**

40 cows and heifers from producing ancestry, including choice Scotch specimens from noted tribes. 18 cows with calf at side, others showing heavy; also a choice selection of bred heifers. All calves are sired by and the bred cows and heifers are safe to such sires as Baron Avondale, Ardmore's Choice and Choice Goods 509585 by Clan Alpin 2nd. A number of these cows and heifers were selected for foundation stock. They are a business lot that will satisfy.

**10 Bulls of Type and
Character are Listed
The Herd Bull Baron
Avondale also Sells**

This son of the noted Avondale, out of Lady Augusta 74630 (whose dam was imported Lady Augusta 50th) carries one of the choicest pedigrees of the breed. He is a straight Bruce Augusta that has made good in my herd and will put you in the king row as a breeder. A number of his sons and daughters are the tops in this sale. The other 9 are the type, thick fleshed, heavy boned kind that will attract and please. They are sired by **Baron Avondale** and **Ardmore's Choice**.

IMPORTANT

A herd bull demonstration will be given the morning of the H. C. Lookabaugh sale, Tuesday, November 12, at 11 o'clock for all those interested in the improvement of better livestock, and to demonstrate the value of a sire. Short talks by Professor Cochel and prominent breeders will be given. Remember the banquet the evening of my sale. Arrange to attend both sales. For catalog address

**J. R. Whisler
Watonga, Okla.**

Auctioneers: Hurt, Herriff, Odell.
Fieldman, A. B. Hunter.

Lookabaugh Has Selected and H. C. Lookabaugh Will Sell To the Breeders and Beginners At The Pleasant Valley Stock Farm Watonga, Oklahoma, **Tuesday, November 12, 1918**

5 Real Herd Bulls That Will Make You Noted as a Breeder, sired and backed by the Prepotent Fair Acres Sultan; the \$16,500 International Grand Champion, Village Supreme; Imported Villager; Douglass Brilliant (one of the greatest bulls of Scotland) and Pride of the Dales, a noted breeding son of Avondale.

Make Your Selections From the Following:

BULL. IMPORTED DOUNE ROYALIST.

Roan, calved Apr. 1, 1915. Bred by Earl of Moray, Perthshire, Scotland. Owned by H. C. Lookabaugh, Watonga, Oklahoma.
Got by Douglass Brilliant.

Rosewater 10th Golden Hero
Rosewater Luxury
Rosewood 65th Gold Casket

BULL. SENSATION 576374.

White, calved March 18, 1917. Bred by Ogden & Son. Owned by H. C. Lookabaugh.
Got by Village Supreme.

Sweet Avondale Snow King
Victorial Avondale Nonpareil Avondale
Maple Victoria Headlight
IMP. Sittytton-Victoria Prince William

BULL. SUSAN'S AVONDALE 446389.

Roan, calved Aug. 3, 1914. Bred by Carpenter & Ross. Owned by H. C. Lookabaugh.
Got by Pride of the Dales.

Susan 5th Ceremonious Archer
Susan 3rd Lancaster Comet
IMP. Susan 2d Mountain Archer
IMP. Susan Hall Mark

BULL. DOUBLE VILLAGER 489660.

Red, calved Dec. 23, 1915. Bred by Upermill Farm. Owned by H. C. Lookabaugh.
Got by Villager.

Rosetta Grassland 3d Villager
Rosetta Grassland 2d Conqueror
IMP. Rosetta 12th Scottish Prince



BULL. LOOKATONGA SULTAN 610533.

Roan, calved Jan. 20, 1917. Bred and owned by H. C. Lookabaugh.

Got by Fair Acres Sultan.

Glendale Maid 3rd Royal Wanderer
Village Maid 3rd Aberdeen Chief
Village Maid 2d Abbotsford
Village Maid Earl of Mar
IMP. Village Blossom Ben Wyvis

20 Scotch Cows and Heifers to Grace Your Herds and Make You Permanent as a Breeder

COW. PLEASANT MISSIE 596266.

Roan, calved Jan. 4, 1917. Bred and owned by H. C. Lookabaugh, Watonga, Oklahoma.
Got by Fair Acres Sultan.

Missie of Glenview Avondale
Lady Missie 9th Prince Victor
Lady Missie 2nd Godwin
Imp. Collynie Missie Nonpareil Victor

COW. IMPORTED LADY CAROLINE 10th 680013.

Red, calved Apr. 30, 1915. Bred by Lord Lovat, Scotland. Owned by H. C. Lookabaugh.

A Cruickshank Broadhooks.
Got by Royal Prince Goldie.
Lady Caroline 3rd Master Millicent
Maid of Underly Merlin

Lady Orange Blossom 4th by Missie's Robin, second dam, Imported Orange Blossom 55th, and such other families as, Missie, Avere, Broadhooks, Countess, Orange Blossom, Rosebud, Victoria, Secret, Butterfly, Alexandrian, Lovely and Undine Maid.

COW. PLEASANT AVERNE 608717.

White, calved Mar. 17, 1917. Bred and owned by H. C. Lookabaugh, Watonga, Oklahoma.
Got by Fair Acres Sultan.

Maxwalton Avere 2d Boquhan Monarch
Annagathle Whitehall Count
IMP. Avalanche Mescombe
(The Dam of Avondale)

COW. IMPORTED MILDRED 677647.

Roan, calved Apr. 7, 1911. Bred by Alex Macdonell, Scotland. Owned by H. C. Lookabaugh.
Got by First Monarch.

Norette Master Millicent
Norah Fowler
Snowdrop Jubilee Star
Fanny Bachelor of Arts

45 Reliable and Profitable Cows and Heifers

30 cows with calves at foot or showing heavy in calf, a number are rebred to such sires as Pleasant Dale Choice, Sultana's Sultan, a son of Fair Acres Sultan, and Imported Doune Royalist. 15 bred heifers, reds, whites and roans, of the milking strain. 5 heifer calves selected for boys' and girls' calf clubs. Can accommodate purchasers with 12 months on bankable notes.

IMPORTANT

A herd bull demonstration will be given at 11 o'clock for all those interested in the improvement of better livestock and to demonstrate the value of a sire. Short talks will be given by Prof. Cochel and prominent breeders. Remember the banquet the night before the sale and that J. R. Whisler will sell the day before, Monday, November 11. The catalog will be interesting and instructive. Write today for it and plan now to attend both sales.

H. C. Lookabaugh, Watonga, Oklahoma

Auctioneers: Gross, Herriff, Hurt and Odell. Fieldman: A. B. Hunter

An Important Shorthorn Dispersion Sale

Having recently sold my farm my son and I will disperse our entire herd of registered Shorthorn cattle. The sale will be held at the farm three miles north of town

Sabetha, Kansas, Thursday, November 14

17 cows in their prime of usefulness and bred to **Walnut Duke**, a Bellows bred bull, a beautiful roan 4 years old, weighing over a ton and included in the sale.

Walnut Duke 378216, the present herd bull, is a beautiful roan four years old and weighing over a ton. He was bred by Bellows Bros. and carries the blood lines of famous sires and dams. He is kind and gentle and will be sold in this sale with a positive guarantee.



The kind that will make money on any farm

Six yearling bulls, reds and roans. Three bull calves, two bred heifers, one heifer calf.

Sir Knight, by **Barmpton Knight**, was a splendid sire used extensively in this herd.

Rock Springs Pride, by old **Colina**, a bull very popular in Northern Kansas for a number of years, was also used extensively. He was a large bull weighing over 2400.

Our catalog, which is ready to mail, gives full information as to breeding, etc. Write today and you will receive it by return mail. Address

Auctioneers: **Kistner, Crandall and Clark.**
J. W. Johnson, Fieldman.

J. O. Kimmel & Sons, Sabetha, Kan.

Note: On the same date we will sell all of our farm machinery, horses and mules and grain and some hay.

Moser's Sensational Boar Sale

Featuring the greatest sires and dams of the Duroc breed. The get of such famous sires as **Pathfinder**, the world's champion **Scissors**, the champion **Sensation Wonder 3rd.**, **Deet's Illustrator 2nd.**, **Defender Top Col.**, **Rajah's Disturber** and the lamented **Highview Chief's Col.**

Sale Pavilion, Sabetha, Kan., Thursday, Nov. 7

50 boars that are as good individually as any like number that ever went through a sale ring in Northeastern Kansas and carrying the blood of the world's best sires and dams.

Three splendid big fellows by **Pathfinder** and out of **Big Lizz**, the \$805 Proud Col. sow I bought in **Bishops & Hank's** sale last winter. Two splendid boars by the World's champion

Scissors and out of a dam by **Pathfinder**. Four are by the **Sensation Wonder 3rd.**, the champion and two are by **Deet's Illustrator 2nd.** and 10 are by **Defender Top Col.** with 10 by the breeding boar **Highview Chief's Col.** and four by **Rajah's Disturber**. One extra choice boar by **Cherry King Orion**.

Five open gilts by **Highview Chief's Col.** and **Defender Top Col.**

Mr. Moser has spent lots of money and time in assembling this famous collection of sires and dams and Kansas breeders should avail themselves of the opportunity to buy the best the breed affords at prices that are sure to be less than such animals would command in eastern states. Write for the catalog today and be sure to attend this sale. Address,

F. J. MOSER, GOFF, KAN.

Auctioneers: **W. M. Putman, Roy Kistner.** **J. W. Johnson** will represent the **Capper Publications** at the sale. Mail should be addressed to him in care of **Mr. Moser, Sabetha, Kan.**

Scotch and Scotch-Topped Shorthorn Sale

Sixty Head—Half of Offering Pure Scotch—The Tops from Two Herds

Minden, Neb., December 5

6 BULLS, ranging in age from 12 to 18 months.

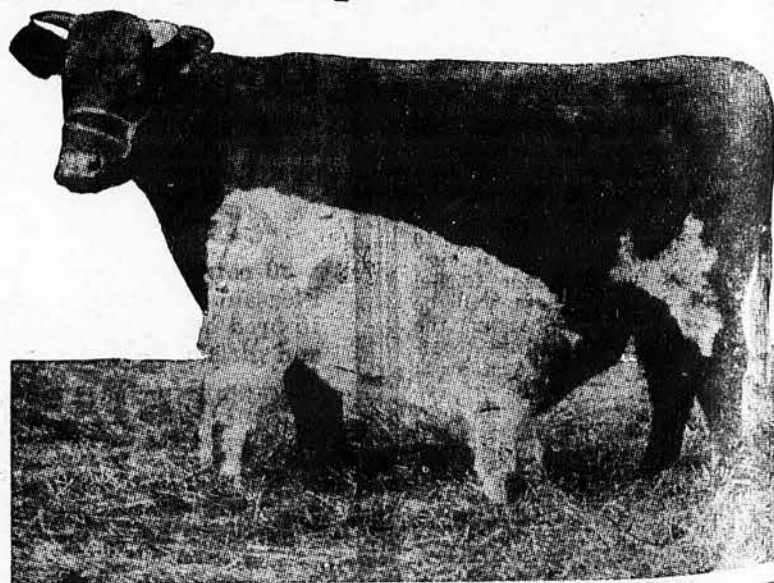
55 FEMALES, 15 cows with calves at foot and many rebred.

The remainder will be extra choice heifers bred and open.

The attraction will include 5 Pure Scotch Heifers, the equal of anything that will sell this season. Daughters of **Dales Challenger**, **Rubertas Goods**, **Scottish Rex** and **Nonpareil Victor**. Many Scotch cows of great merit and breeding value go in the sale. And some real herd bulls are being catalogued. Write for catalog and mention this paper.

Rogers & Boicourt, Minden, Nebraska
Jorgensen & Rogers, Minden, Nebraska

Auctioneer, **Col. H. S. Duncan.**
Fieldmen, **Jesse R. Johnson, William Lauer.**



R. A. Welch, Red Oak, Okla. Sells Poland Chinas, Tuesday, Nov. 19

40 Bred Sows and Gilts, Boars and Open Gilts

FEATURING THE GET OF—

BUSTER'S GIANT, the 900 pound yearling grand champion of Oklahoma. Top pig in the world's record Giant Buster litter and one of the greatest individuals and sires the breed ever produced.

CHIEF DEFENDER'S CHOICE, the \$2250 yearling son of the Champions Chief Defender and M's Choice and a litter mate to Big Improver and Liberty, grand champion boar and sow at Iowa and Illinois 1918.

SEVERE'S BIG TIMM, the \$2500 son of the champion, Big Timm, a litter mate to the noted Fessy's Timm and one of the greatest sires of the breed.

Real Herd Boars and Show Prospects

COUNCIL HILL BUSTER, junior champion and a candidate for higher honors, sells in this sale. His litter brother, **COUNCIL HILL GIANT**, also by **BUSTER'S GIANT**, grand champion of Oklahoma 1918, will be sold. Five December boars by **Severe's Big Timm**, they look large enough for yearlings. They are out of **HANCHERDALE QUEEN 2ND**.

Ten Sows and Gilts Bred to the Grand Champion

BUSTER'S GIANT, **CHIEF DEFENDER'S CHOICE** and **SEVERE'S BIG TIMM**, for February-litters. The kind to raise and feature in your next fall sale.

More Growth, Size and Quality in This Sale

than perhaps you ever saw in any one sale. The bred sows and gilts are the very cream and select tops of my herd, the very same kind I am keeping with the hope of building the best herd in the world at **COUNCIL HILL FARM, RED OAK, OKLAHOMA**.

I want you all here whether you buy or not. I want you to see and compare the hogs at Council Hill Farm with the best you ever saw and if you know where better hogs can be found, I want you to tell me where they can be bought, so we can have them here for you when you come again. Send your name today for free illustrated catalog. Cordially yours,

R. A. WELCH, RED OAK, OKLA.

Auctioneers: Duncan, Groff and Herrieff. Fieldman A. B. Hunter.

E. H. Brunnemer's Poland China Sale

80 Head All Immunized and the Kind You Will Like 80 Head

These 80 head are the ones intended for my fall and winter sale, but because of the scarcity of feed in this section I have decided to sell them all in a big public sale at



E. H. Brunnemer, who invites you to be his guest at Mankato, Nov. 11.

Mankato, Kan. Monday, Nov. 11

Sale in Blue Front Sale Barn

The offering consists of 30 spring gilts, 18 by **Big Bobby Wonder 2nd**, 11 by **Big Bone Monarch**. 20 spring boars, 12 by **Big Bobby Wonder 2nd**, eight by **Big Bone Monarch**. Six fall yearling boars by **Big Bone Monarch**. 14 yearling gilts by **Big Bone Monarch**. Three splendid tried sows by **Big Bobby Wonder 2nd** and one, **Liberty Bell**, with a litter of seven pigs farrowed July 30 by **Rood's Ideal**.

On November 11 Mr. Brunnemer will have no excuses to offer for his big Poland China offering. It will be one of the best offerings in every particular ever driven through a sale ring in Northwestern Kansas. Come and be convinced of this statement. Ask for the catalog today.

Address,

E. H. Brunnemer, Jewell, Kansas

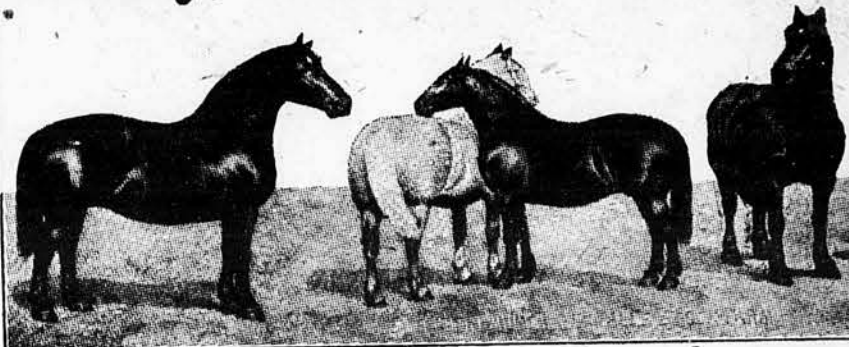
Auctioneers: Price, Myers and Hoyt.

J. W. Johnson, Fieldman for the Capper Farm Papers.

Mr. Brunnemer would like to know where you saw his advertisement. Mention the Farmers Mail and Breeze when you ask for the catalog.

Important Percheron Dispersion

At Pine Ridge Farm, Wymore, Neb.,
Friday, November 22, 1918



As I am making a change in my affairs I am offering Five Stallions, including the champion, **LARCIN**, and Twenty Mares, including daughters and grand daughters of the famous **JALAP**, **HONORABLE HELIX**, **CALYPSO**, and **ALCA**, by **BESIQUE**. All of the mares of breeding age are bred and we believe safe in foal to the champion stallions, **LAGOS**, **LARCIN**, and **PRINCE HELIX**, by the great **HELIX**. This is pronounced one of the greatest collections of Percheron mares that has ever been assembled on any breeding farm. They are of extra weights, clean, sound, well finished brood mares—just the kind that every breeder hopes to possess. There are two aged imported mares, two 1918 fillies, and the remainder are 2, 3, 4, and 5-year-olds, including one imported mare. It is doubtful if any offering has ever included so much of the cream of Percheron breeding. The stallions are 1, 2, and 3-year-olds and include herd horses of extra quality and promise. Write today for catalog. Address

L. Bridenthal, Wymore, Neb.

Auctioneer: Carey M. Jones, assisted by F. E. Kinney and H. R. Ruyle. Fieldman: Jesse R. Johnson.

Sale opens at 1 P. M. or upon arrival of Burlington train from Lincoln. Wymore is on the Union Pacific and Burlington railroads. Will meet all trains.



SHORTHORNS THAT DO

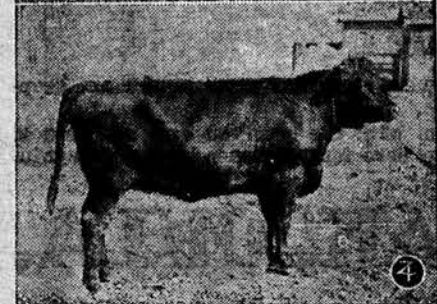
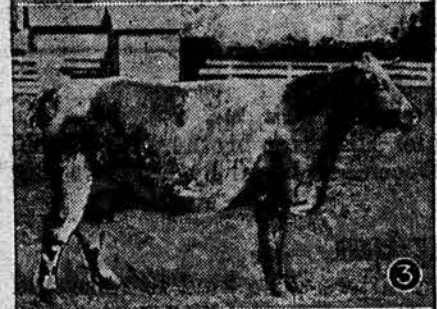
Meet every demand and uphold every claim for this greatest of all breeds for the general farmer; Shorthorns of the form and quality which experience has proven give greatest returns from practical feed and care; Shorthorns that carry not only the best blood of today at the top, but which in each succeeding generation show crosses of the cattle which best were meeting the requirements of their day—

November 21
in the Shorthorn
Association Sale

This Is the Kind We
Sell in Kansas City

November 23
in Our Own Public
Sale of 50 Head

During The American Royal Livestock Show



SIX REAL BULLS; FIFTY FOUNDATION FEMALES. Most of the cows and heifers were taken off prairie pasture October 20 and the flesh they carry was made on the plainest and most practical cattle feed—care that any buyer in the Middle West can duplicate at a minimum expense. Knowing that these cattle are bred and developed just as any good practical stockman and farmer can handle them, we invite your **SPECIAL ATTENTION TO THESE POINTS:** No Shorthorn offering that we have seen in recent years excels these cattle in depth of rib, straightness and breadth of backs, true Shorthorn head character, constitutional vigor and regularity of production. As for breeding, the pedigrees in the catalogs will speak for themselves.

These Pictures of Sample Animals illustrate the points mentioned above and are selected for use in this advertisement because they are typical of the whole offering. For instance—

No. 1, **Count Valentine**, is half brother to 20 or so of the calves at foot or nearly due, on sale day, most of the cows having been bred to his sire, the famous **Prince Valentine** 4th 342179, a Cruickshank Secret, carrying at the top three strains that work improvement on every other strain that is popular today. A repeated prize winner himself, his sire was by Imp. **Prince Lovely**, personally selected from the Duthie herd, and out of a daughter of the Scotch prize winning cow, Imp. **Pavonia**. His dam is one of the best bred Orange Blossom cows living, is a many times prize winner, the shortest legged, meatiest senior yearling out this year, and sells in the association sale at the Royal, November 21.

No. 2, **Rosedale Lady**, is the kind that pays for herself every year. The photo shows her just off prairie pasture. Her sire is **Director** (by Tomson Bros.) most famous breeding bull, **Gallant Knight**, and out of a dam by **Godwin**, the last herd bull used by the late Col. Harris. Her dam is by **Marshall Abbotts-burn**. This breeding is all thru the offering and there is much that is better. This cow is not a hair above the average.

We want every farmer and breeder who seeks improvement of his herd to see our main sale offering, to be sold November 23, and our consignment to the Shorthorn association sale November 21. Write us for our catalog (liberally illustrated from plain photographs) and mention the Mail and Breeze.

H. H. HOLMES
Rt. 28, Topeka, Kan.

No. 3, **Crystal Maid**, is a top, and few herds can match her as a real cow. She has raised a calf every year for five years, always getting in calf at the first service, and always giving more milk than her calf could take. Under these conditions she has made the western state fair circuits nearly every year, every time. Her breeding is remarkable, her two grandsires being Imp. **Collynie** and Imp. **Bapton Arrow**, imported by S. C. Hanna and W. R. Nelson as the most valuable bulls to be secured at that time in the herds of Wm. Duthie and J. Deane Willis. Her granddams are Imp. **Mistletoe 15th** (top heifer of the Hanna importation), and a show cow of her own type.

No. 4, **Roseleaf 2d**, is a typical product of our herds. A short yearling, she has the depth of form of a mature cow. Her breeding is simply the average of the offering. Her sire, **Sir Edelweiss**, is a Cruickshank of Choice Goods breeding; her dam is by **Collynie's Pride**; 2d dam by **Marshall Abbotts-burn**; 3d dam by **Jubilee Knight** (by Imp. **Craven Knight**); 4th dam by the great Canadian bred bull, **Buccaneer**. Remember—these are but fair samples.

A. L. & D. HARRIS
Osage City, Kan.

H. H. Churchill's SHORTHORN SALE

Because of the scarcity of feed in my locality I am compelled to sell a number of my Shorthorns and in order to make a sale worth while I am putting in this sale animals I would like to keep. The sale will be held at my farm, six miles from town

Osage City, Kansas,

Tuesday, November 19, 1918

35 head are cataloged and include 18 cows, all bred except two that have young calves at foot. There will be three yearling heifers, four bull calves about six months old, nine heifer calves same age. The three yearling heifers and the calves are by **Marquis Cumberland** 388134, a grandson of **Cumberland's Last**. The cows are all in calf to my herd bull, **Priniceps** 613907, a splendid yearling. The cows are all young and useful and represent in breeding the **Rose of Sharons**, **Young Marys**, **Arabellas** and other families of note. Catalogs ready to mail upon application to

H. H. Churchill, Osage City, Kan.

Auctioneers: C. M. Crews, Runyon Bros.
J. W. Johnson, Fieldman.

Big Combination Shorthorn Cattle Sale

At the Pavilion in Hebron, Thayer Co., Neb.,
Monday, November 18



20 BULLS

in age from 8 months to mature herd sires. Few choice **Polled Durham** bulls. Some come direct from great milking strains. Mostly sired by pure Scotch bulls.

40 FEMALES

including cows with calves at foot, bred and open heifers, many from heavy milking strains. Few **Polled Durhams**, mostly sired by good Scotch bulls. No culls selling.

This offering represents the natural accumulation of the herds in this locality and are selling with but little fitting. Some good Scotch breeding is included and the offering as a whole consists of good useful cattle. Write for catalog. Mention this paper.

The Hebron Sales Pavilion Co.

Auctioneer: Col. H. S. Duncan. J. H. Barr, Sale Mgr., Hebron, Neb.
Fieldmen: William Lauer, Jesse R. Johnson.

More Than Advertising

Must Be the Story which Properly Sets Forth
That which Is In and That which is Back of
the First Public Sale Offering to Be Made from

The Herefords of Robt. H. Hazlett

During the past few years of unparalleled interest in Herefords the suggestion has been offered over and over again that with so much of the breed's history being made in public sales the record really would not be complete unless Mr. Hazlett could be induced to hold a public sale.

It was with no idea of breaking price records or achieving the sensational in any other way that this suggestion was made. Indeed it generally is understood that the master of the Hazford Place herd could not be made a party to any such a plan. But real devotees of the business wanted brought before the public in a notable way, a sample of the fruits from one of the nation's most signally successful efforts at constructive breeding. Kansas partisans especially wanted this, for the inspiration and object lesson afforded, and for the higher rank to which the state's animal husbandry would be lifted.

This year, the 20th anniversary of the herd's establishment, and following season after season of show-ring success, and a private sale business which has placed Hazford Herefords among the treasured possessions of many a prominent breeder, the first public sale was decided upon. The date is set for the second day of the American Royal Livestock Show (November 19) and the place is Kansas City. Officials of the show, understanding the degree of interest attaching to the way in which Mr. Hazlett has worked out the problem of "breeding 'em better," will take no offense when I suggest that this sale and the week's exposition which it will ornament, constitute possibly, paramount attractions.

The sale offering is absolutely the product of the herd. Only in the making of such a sale could the proprietor have been interested. But how completely this offering is the product of the herd one realizes only after reading the catalog thru or knowing how the herd has been built.

An illustration will help. Bocaldo 11th is one of the 50 animals to be sold. This young bull really is a sensation. With exploiting, such a bull could make the reputation of any sire. But in the Hazlett herd he simply is typical—a part of its annual contribution of champions. Altho he is a champion the task of making a reputation for his sire does not devolve upon him. His sire is a champion too—many times in fact. Bocaldo 11th was bred by Mr. Hazlett; his sire was bred by Mr. Hazlett; his grandsire was bred by Mr. Hazlett; his great grandsire was bred by Mr. Hazlett, and still is in the herd. Moreover, the dam of Bocaldo 11th was bred by Mr. Hazlett; and the granddam; and the great granddam. It is hard, mighty hard, without going back to England, the ancestral home of the Hereford, to find any establishment which puts them out so absolutely to the manor born. To the men of Kansas who must make the state's progress in farm animal improvement may I ask, "Did you realize the presence of a herd in which this standard of production has been reached? Would you follow the steps by which its builder has achieved this result?"

The history of the Hazlett Herefords began with the purchase of a representative herd. Descendants of only a few of the cows finally survived the culling which progressed as Mr. Hazlett worked out his ideas of type and standards. These included two granddaughters of old Hesiod by The Grove 3d, and one daughter of Stonemason, by Beau Real. To these were added a few of the best young things by the first bull used, a son of Wild Beau, by Beau Real. The first herd bull added was Bernadotte 2d, one of the good sires which Gudgeon & Simpson

turned out by the use of Roseland (carrying the Garfield cross) on Anxiety 4th cows. Thus the parent herd of many an establishment was drawn upon at the outset for the broadest foundation material it afforded.

Next used was Protocol 2d (by Bernadotte 2d and out of one of the Hesiod bred cows). About this time there was plenty of advice against line breeding, even in disregard of the care Mr. Hazlett was exercising in both selection and mating. As a thorough test of this idea three top bulls were bought, sons of the leading bulls of the time outside the Anxieties. They were good bulls, sired some good things, but did not show the sustained reproduction of uniform and high class animals which had become the standard of the herd, and in the herd today there are descendants from just one daughter of these bulls.

Now comes the "Ten Strike" in the building of this herd. It was just being demonstrated that, judged by the breeding of Beau Brummel was the greatest sire in his generation of the Anxieties. Mr. Hazlett started on a hunt for the best breeding sons of Beau Brummel he could find. He bought five and four of them have done him yeoman service. Three of them are so woven into the web of the herd that its story never can be rightly told except they appear as leading characters. They are Printer, Beau Brummel 10th and Beau Beauty. Take the pedigrees of all the prize winners this herd has put forth in the leading shows for a half dozen years and you will find the names of these bulls in every one. When the outstanding results of their service are considered one is almost forced to the conclusion that no other three bulls living at that time could have built so perfectly, and digging thru the facts for a possible explanation, you find that these sons of Beau Brummel were all out of cows sired by famous sons of the famous cow, Dowager 6th, by Young Sir Frank. These sons (all by Anxiety 4th) were Don Carlos, Don Juan and Don Quixote.

With the purchase and use according to plan, of these bulls, the battle was won; it needed only to be worked out. From that time on every bull was bred in the herd excepting Publican (an Anxiety bred bull bringing in Paladin by Lamplighter). Their names are now famous and the later ones will be more famous after the sale offering is seen and studied. The ones now living are Caldo 2d, Zelpho, Beau Baltimore, Publican 4th, Beau Blanco and Bocaldo 6th. Most of them have won the Blue in hottest competition and all old enough have sired prize winners as good as or better than they ever were themselves. Is there any other test that herd bulls have to meet?

How was it done? Everybody will grant that it could not have been done without the sires that were secured and the care that was bestowed. Neither could it have been done without giving the most careful and painstaking thought to the early matings. But there was more than that. What breeder has culled out of his breeding herd heifers that could have been sold at \$300 in bunches when cattle were worth only a fraction of what they are bringing now? In this herd it was done, not once, but regularly each year. It was not an exception; it was the rule when the foundation courses were being laid. Nothing escaped, excepting by breeding up to standard. Even the famous imported cow, Rose Blossom, by Tumbler, founder of the champion producing family of Blosses, lost daughters to the packers, and bulls that could have been sold as herd headers became market topping steers under the Hazlett system.

Did it work? The first answer is to be found in the catalog, bristling with the names of animals which Hereford history already has listed as among the best. No student or intending student of the breed should fail to secure and preserve this catalog.

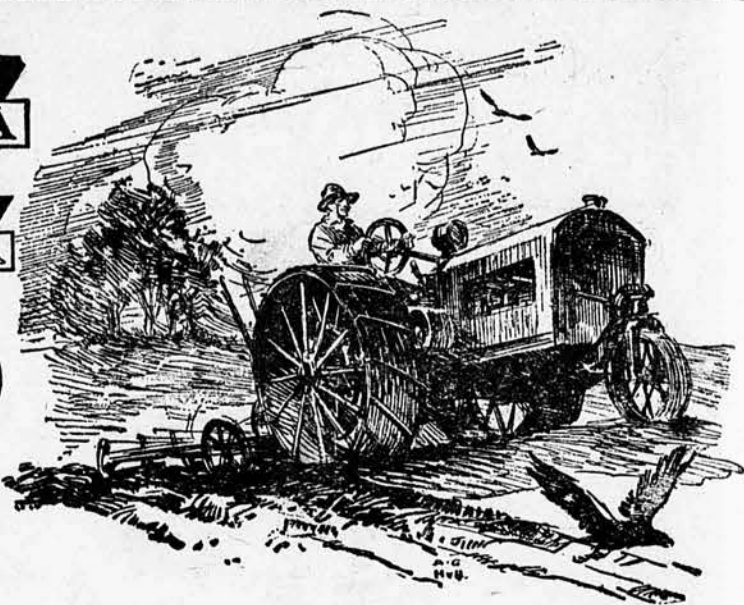
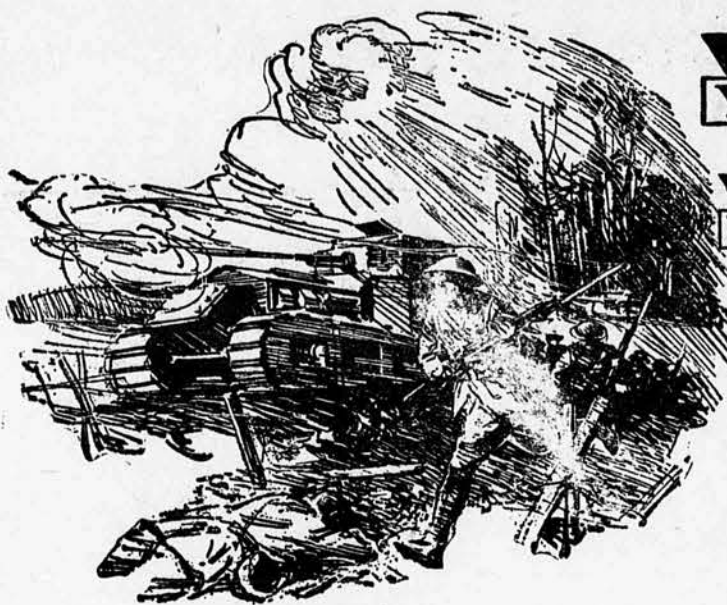
It is fortunate for the promotion of a better understanding of how a truly great herd is built, and what it can accomplish, that this sale has been set for

Kansas City, November 19

Tuesday (the second day) of the American Royal Livestock Show. In this sale Mr. Hazlett will sell six superior young bulls and 44 typical cows and heifers—a veritable cross section of his breeding herd. This department asks as a favor that the Farmers Mail and Breeze be mentioned in addressing for the catalog—

ROBT. H. HAZLETT, ELDORADO, KAN.

Signed—T. W. Morse, Director of Livestock Service, Capper Farm Papers.



Over there Over here

THROUGH mud and rain, through gas and shrapnel, our boys are pushing on to Victory. It's a task that tries the souls of strong men. They *must* have rest and recreation.

At the canteens, they buy the little comforts of life at cost. In the war-service huts, they find everything needful to write the letters you receive. They attend a show, see a "movie" or hear good music—all free. Always, they find in the hut secretary a friend. They forget for a while the grim scenes of war and return to duty refreshed. These are some of the things that keep fighting men at top notch.

YOURS is the task of growing the food these fighting men must have. The toiling millions in the munition factories, arsenals and shipyards also look to you for sustenance. And they do not look in vain.

Your work is vital to winning the war and you are doing it manfully, mindful of Country, forgetful of self. You are working early and late, putting forth your strength unsparingly. You have produced bounteous crops that feed a hungry world. Yet to you are spared the comforts of home and the presence of loved ones. Yours are the privileges of earning and giving.

Give to "keep good men good and brave men strong." Give to bring cheer to those who are daring their all for you and yours. And when the boys come home victorious, you can honestly say, "I have done my part, too. I have backed you to the limit."

Seven allied activities, all endorsed by the Government, are combined in the United War Work Campaign, with the budgets distributed as follows: Y.M.C.A., \$100,000,000; Y.W.C.A., \$15,000,000; National Catholic War Council (including work of the Knights of Columbus and special war activities for women), \$30,000,000; Jewish Welfare Board, \$3,500,000; American Library Association, \$3,500,000; War Camp Community Service, \$15,000,000; Salvation Army, \$3,500,000.

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United States Gov't Comm. on Public Information

This space contributed for the Winning of the War by
Arthur Capper, Publisher of Farmers Mail and Breeze