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Sheep Pay in Allen

BY GUY M. TREDWAY

For several years we had been considering buying sheep. Last fall we ordered a commission firm in Kansas City to purchase a carload of Western ewes for us. In the latter part of September it shipped us 100 grade Merino ewes. These were very thin in flesh, averaging but 66 pounds in Kansas City. While the cost a sheep was not large, yet the total was enough to make our banker say we would never make them pay for themselves and the feed they ate. We borrowed every cent we put into them and he was sure we would lose money on the investment.

Two rams were bought, one a grade Shropshire, the other an Oxford. One was kept shut up during the day and the other at night. In this way the two were sufficient for that number of ewes. When the lambs were ready to be weaned it was easy to see that the Shropshire was the better.

Ten ewes were sold to a neighbor at a slight profit. During the winter seven died from accidental causes. The remaining 83 were wintered without grain, a serious mistake as it proved. The hay fed was about half alfalfa and half crabgrass, the fall cutting of alfalfa sown in the spring with oats. It had all been wet in the swath or windrow. When lambing time came the ewes were in little better flesh than when they were bought. Very few lambs were weak, however. The weaker ones undoubtedly were sired by the Oxford ram. There were but two or three pairs of twins from the 83 ewes, and no ewe raised twins. Several lambs were lost. This was due largely to the fact that we were not prepared to care for so many ewes lambing in so short a time. For 15 nights we did not go to bed; we visited the barns every 2 hours on stormy nights. On better nights the barns were visited but once or twice. Practically all the lambs were born in 18 days. It was a difficult matter to tell when the ewes were to lamb and many lambs were born in the cold. If they did not get care within a short time they usually perished. These sheep had been brought off the ranges and were very wild. Usually when the lamb was born out of doors the ewe had to be cornered and sometimes run down to get her into shelter. One or two lambs were lost as a result of docking and castration. Sixty-six lambs were raised.

The ewes and lambs were placed on pasture as early as possible but at no time did they get any grain, another mistake which was expensive and will not be made again. The ewe lambs were sold to neighbors at weaning time at \$9 a head, save a few which were traded for buck lambs. A little later the entire lot of buck lambs was sold for 14½ cents and brought \$9.17 a head. A part of the ewes bought by the neighbor in the fall were bred by these same rams. These ewes had all the grain they wanted all winter and the lambs were given grain. They weighed 25 pounds more at weaning time and brought more a pound.

These ewes that had grain sheared an average of 7½ pounds of wool, more than twice what those given no grain sheared. Our sheep now are getting a half pound of oats apiece a day, all they care for. It will be a good investment, giving returns both at shearing time and when the lamb crop is sold. At weaning time these sheep had gained in flesh somewhat and several were sold for \$7.50 a head. A little later more were sold for \$9, and in the middle of September the last were sold at \$10 a head. An accurate record was kept of the cost and income. The books show a gain of 162 per cent, not a bad profit for a beginner with sheep, and enough to make the banker revise his estimate.

When the last were sold the question as to whether more should be purchased was immediately answered in the affirmative. This time we went to Kansas City and in the yards pointed out to the commission man just what we wished. Instead of paying for 66 pounds a head we paid for 125 pounds this fall. If the sheep were to be sheared now the clip would be larger than that of the other sheep last June, and they will get enough grain to grow wool and to make it oily. Not only is the wool of a grain fed sheep greater in amount than that of a sheep wintered without grain but it also is much heavier by reason of the oil

on it. The sheep on hand now are large grade Shropshires and a few Oxfords, and should bring many twins. A large Shropshire ram was put in with them. The cost has been much greater, both because of the sheep being larger and because of the general increase in prices, but the animals were paid for out of the profit of last year, and our experience makes us believe we shall make a fair profit this year. Much waste was saved this year that only sheep can save. The cost for pasture is much less than was expected. Altogether we strongly advise every farmer to get as many sheep as he can prepare to handle.

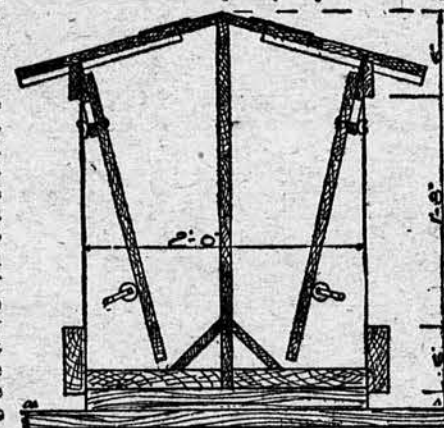
Self-feeders for the Hogs

BY W. E. FRUDDEN

This hog feeder has about \$7.50 worth of materials; it will hold approximately 10 bushels of shelled corn or ground feed. It is 4 feet long and 3 feet high and has a plank platform about 2 feet wide on both sides. It is possible to build a partition thru the center if desired so that different kinds of feed can be stored separately in this feeder.

The platform, the floor and the trough are all made out of lumber 2 inches thick and are well spiked together to stand the many hard knocks that it will always have to put up with.

The drawing shows the sizes that may be used to advantage but the feeder may be increased in capacity by increasing



A Self-feeder for Hogs.

either width or length. The top is hinged on both sides for filling and is fastened with 8-inch hinges. Six-inch flooring lumber is used thruout for the covering. The slides are adjustable and are secured with 2-inch cleats. A ¾-inch bolt with a hinged nut and washer slides in a slot so that when the slide has been regulated properly it may be fastened at that place. There are 2-inch iron rollers so applied as to keep the slide up tight; these are held fast by bolts.

In case the size is to be increased it will be necessary to add additional braces across the top of the feeder. For a feeder 4 feet long the following items will be needed:

- 5 pieces 2x12 6 ft. platform.
- 2 pieces 2x4 2 ft. base.
- 2 pieces 2x12 4 ft. feeder trough.
- 2 pieces 2x6 4 ft. trough fender.
- 2 pieces 2x6 2 ft. trough fender.
- 32 pieces 1x6 4 ft. matched flooring.
- 5 pieces 1x4 4 ft. cleats.
- 4 pieces 1x12 3 ft. end boards.
- 2 pairs 8-inch hinges for top cover.
- 2 ¾-inch bolts with winged nut and washer.
- 4 iron rollers and ¾ by ¾ inch iron straps and bolts.

Protection for the Strawberries

Strawberries should be mulched in early winter to protect the plants from severe weather and from alternate freezing and thawing in the early spring. Sometimes thawing begins when the soil is frozen 1 or 2 feet deep. If 6 or 8 inches of the ground thaws out and a sudden change of temperature causes the ground to freeze 2 or 3 inches the expansion is so great as to break the roots. Then the roots are exposed to the atmosphere, and if dry weather follows, many plants will be killed.

Coarse slough grass is the best material for mulching. Common straw is good, but packs closely around the plants and shuts out the air. If this material is used, it must be watched, and if it gets too compact it should be loosened. Care should be taken in selecting straw that has been thoroughly threshed, if wheat or oats straw is used. If poorly threshed wheat straw is used, the berry patch will be transformed into a wheat field in the spring. Straw that has been in the stack for a year is good for this purpose altho new straw is better if it is threshed well, because it is handled more easily and does not pack so tightly around the plants.

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THE FARMERS MAIL AND BREEZE

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Cows, and More Good Food

*Holsteins are Efficient Producers on the Farm of
Lee Brothers and Cook at Harveyville*

By F. B. Nichols, Associate Editor

A 33-POUND—average butter production of dam and sire's dam on an official test of one week—bull, Fairmont Johanna Pietertje 78905, is now at the head of the Holstein herd of Lee Brothers & Cook of Harveyville. This is one of the greatest bulls in the Middle West; he should do much to aid in raising the quality of the Holsteins of Kansas. The exact average records of his dam and his sire's dam for seven days are 576 pounds of milk, 33.39 pounds of butter and 4.64 per cent of fat. These are official tests.

This animal has some quality breeding. His sire, Pledge Spofford Calamity Paul 44727, is the sire of three daughters with 30-pound records, three with 26-pound records, three with 24-pound records, three with records above 22.1 pounds, and 19 other A. R. O. daughters. The sire of Pledge Spofford Calamity Paul was the sire of three A. R. O. daughters and of one bull that sired 32 A. R. O. daughters, including three cows with records of more than 30 pounds. The dam of Pledge Spofford Calamity Paul was Dichter Calamity 62412, with a seven-day record of 32.4 pounds of butter, 631.2 pounds of milk and 4.11 per cent of butterfat. She has a 30-day record of 126.86 pounds of butter, 2,579.9 pounds of milk and 4 per cent of fat. She was very efficient.

Progress for the Holsteins.

The dam of the bull owned by Lee Brothers & Cook was Manor Johanna Pietertje Lady 95017, with a 7-day record of 34.38 pounds of butter, 520.8 pounds of milk and 5.28 pounds of butterfat. This official butterfat record is remarkably high for a Holstein. The sire of this cow has sired 32 A. R. O. daughters; the dam is the dam of six A. R. O. cows. With breeding of this kind behind him, Fairmont Johanna Pietertje should take a big part in the Holstein progress of Kansas.

This firm has been in the Holstein business very extensively, and for a long time. J. M. Lee, father of Lee Brothers and still a member of the firm, settled near Harveyville in 1883, and brought the first imported Holstein cows to Wabaunsee county in 1887. Cows that trace back to this original breeding are still on the farm today. In the last few years the size of the herd has been in-

creased until it now contains more than 300 animals, of which about 75 are purebreds. It is expected that the number of purebreds will be increased in the next two years.

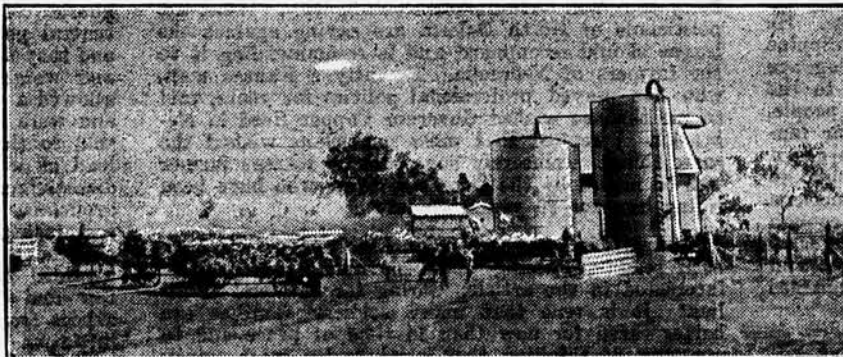
A strict utility value has been kept in mind all the time in developing this herd. The animals are on 1160 acres near Harveyville, under the active management of the two brothers, J. H. and E. W. Dr. J. W. Cook, a graduate veterinarian and an expert judge of Holstein cattle, is the buyer for the firm. When it is necessary from time to time to put new animals into this herd he goes back to the dairy centers of the East, such as Wisconsin, Illinois and New York, and buys them from the breeders direct.

There is a close relation on this place between the crop producing capacity of the farm and the needs of the animals.

crops should be grown, and that they should be saved properly. I believe that we shall see a considerable increase in the acreage of alfalfa in the near future, and also in the number of silos. If you have plenty of silage and good alfalfa hay you have a mighty fine basis for a dairy ration, and we are fortunate in Kansas in being able to produce both in such great abundance."

The butterfat produced on this place is sold and the skimmilk is used for the pigs—with excellent results. It is separated promptly and fed before it has had time to decrease in feeding value. The value of skimmilk has increased greatly in the last year, by the way, with the increase in value of hogs and grains used in fattening them.

"Many farmers prefer to sell whole milk, and under many conditions it is the more profitable," said Mr. Lee.



Filling the Silos: More than 1,000 Tons of Silage is on the Farm Now, to Help in Feeding the Cows Thru to Grass.

The ration of the cows is based on alfalfa and silage—more than 1,000 tons of silage are still available for use in taking the herd thru to grass. Some roughage is fed in addition to this excellent basis, and also some grain and concentrated feeds, the amount depending on the prices. The silage is made from corn, kafir and the sweet sorghums.

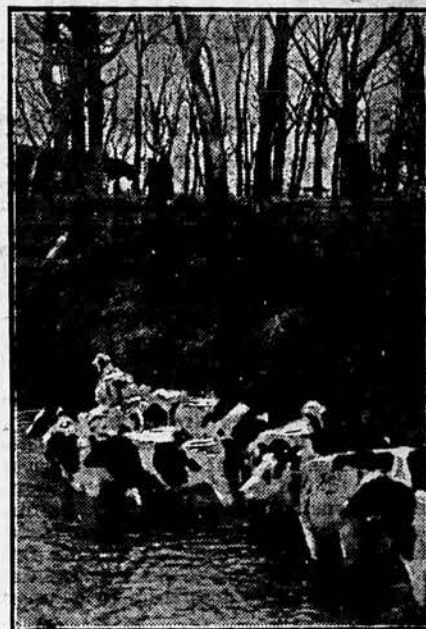
"Dairying is inevitable in this state, and the reason is obvious; more human food can be produced in this way than we have been obtaining from our farms," said Elmer Lee. "To get the best results, it is important that the right

"Here, however, we do not have a large market for whole milk close at hand, so we sell the butterfat. I believe that dairying is mighty profitable in Kansas with either plan if it is managed properly. That this is the general opinion of farmers in all sections is mighty well shown by the growth of the business in the last three years.

"There seems to be but little doubt that there will be a much greater increase in dairying in Kansas in the next three years than we have had in the last three. Everything that I can see about the tendency of the business points that way, and I find that the men I meet from the different counties all believe this. I think that we haven't scratched the surface of the dairy development of our farms here in Kansas.

"But it is going to get on a quality basis more and more. The day of the scrub cow is passing mighty fast in this state. We realize this fully so far as our operations are concerned, and that was why we bought Fairmont Johanna Pietertje. We believe that we now have some of the best blood of the breed; we think that we were unusually fortunate in getting an animal of this class. His former owner sold him only because he had so many of his daughters that he could not use him, and only after a long hunt was he able to find an animal to take his place. He finally purchased a son of the famous 'Fifty Thousand Dollar Bull' and had to pay a large sum for him.

"I think that there will be a great increase in the number of purebred Holstein cows in Kansas. This is very obvious in many herds; men are buying one or two purebred cows, with the idea



A Group of the Cows.

of slowly changing the herd to a purebred basis. As might be expected, this has caused a real demand for good bulls—and this will grow. I think that the outlook in the dairy business in Kansas is mighty encouraging."

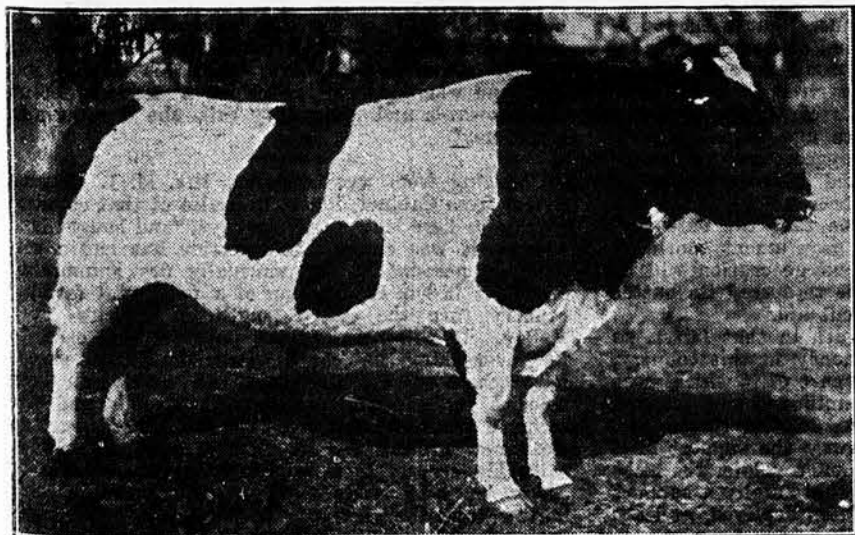
Lee Brothers have been leaders in the livestock business of Kansas for many years. They have bred sheep with great success and have a national reputation as breeders of Percheron horses. J. H. Lee is a member of the board of directors of the Percheron Society of America. The champion stallion Scipion 27123 (43667), at the head of the herd, now 19 years old, is one of the best known Percherons in America. He was foaled in 1898 and was bred by M. Poussin of the department of Orne, France. This stallion won for many years on the show circuits of the Middle West. All thru his years of service in this herd Scipion has been noted as a great breeder.

A Future With Livestock.

The success of this farm is a fine demonstration of the fact that livestock pays in Kansas. The members of the firm have gone on the idea that the right system of farming under Kansas conditions is to grow just as good crops as possible, save these in the best possible condition, and then get a further return above what the selling price of the crops would have been by feeding them to farm animals capable of making a profit. A system of this kind allows the maximum profits of which a farm is capable, if the greatest effort is made to keep animals with quality, which has been a fundamental principle in farming that has always been considered.

Dairying has been featured in the last few years because of the factors that have governed livestock farming in the Middle West, which have made dairying inevitable as a profitable system of farming. In other words, the prices have been such that an increasing amount of attention has been given to the cows. That this is true generally in Kansas is well shown by the growth in the dairy business.

The members of this firm have kept on the job every minute. They have been close students of the fundamentals of profitable farming, especially so far as good livestock and high crop production are concerned. Their success has come as a result of this. The example supplied by this farm is a mighty encouraging thing in the progress of farming in Kansas. It shows what can be done when the ideal of well-bred livestock is kept before the owners all the time. Lee Brothers and Cook are blazing the trail for the agricultural progress of the future. They are winning with quality livestock. This plan should be considered carefully on other farms.



Fairmont Johanna Pietertje, the Excellent 33-Pound Bull at the Head of the Holstein Herd of Lee Brothers and Cook.

DEPARTMENT EDITORS

Field Editor.....F. B. Nichols
Farm Doings.....Harley Hatch
Poultry.....G. D. McCluskey

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Passing Comment—By T. A. McNeal

Some Opinions from Readers

"Why," asks H. D. Miller of Cassville, Mo., "not eat kafir? It makes a breakfast food superior to oatmeal and a griddle cake almost equal to buckwheat." Just at present, of course, there is not much economy in eating kafir, as the price ranges up alongside of wheat. However, that condition isn't always going to continue. It is a good idea to get the people in the notion of eating this grain.

W. Gardner of Enterprise sends me a picture clipped from the People's Home Journal. The picture shows three interned German prisoners at Hot Springs, N. C. They are having an enjoyable time fishing and look mighty fat and contented. The People's Home Journal gives the information that in addition to the best of care our government gives these prisoners \$20 a month. Mr. Gardner is willing that these prisoners should be made comfortable but this idea of paying them \$20 a month rather gets his goat. When we think of the way the Germans treat their prisoners this does seem to be approaching the limit.

W. F. Ramsey of Beloit is a farmer who is fully convinced that the United States had to get into this war. If we had kept out and the allies had been defeated, Mr. Ramsey is convinced that the next thing would have been a demand for indemnity from this country on the part of the German government.

Jim Glover of Bluff City is in favor of giving attention to the study of the Spanish language. He says: "The United States owns the Philippine islands and Porto Rico, where the Spanish language is spoken; it also has neighboring countries to the south of us where it is the language of the people. If we had young men who could speak their language whom we could send to our islands to assist our government it might be helpful. We ought to do a far larger business with the South American countries and no doubt would do so if we had enough men to send there who could speak their language. I believe that education should be useful first and ornamental later. Cut out other foreign languages and teach Spanish."

A subscriber from Duquoin is figuring on what will come about after the war. There is a good deal of talk about repopulating the countries engaged in the war, after it is over. "Why repopulate?" pessimistically asks this Duquoin subscriber. "The masses of any country are always poor and have to endure hardships for the benefit of a few, even in republics and democracies."

When the population of the world was not half so great as it is now there was relatively speaking a greater difference between the manner of living of the masses and the favored few than there is now. Reduction of population will not cure the evil complained of by the reader from Duquoin. The world is capable of supporting in comfort all the inhabitants there are now living upon it and more. The fault is with the imperfect industrial and political systems now in vogue, not the excess of population.

"I am writing to inquire," writes Miss A. E. Nelson of Waterville, "why more time and space are not devoted to the abolition of booze and vice. In my opinion the government seems to take but a half-hearted interest in the closing of saloons and the suppression of vice. I have three brothers of draft age and one brother in the United States navy. I shudder to think what their associates and army life may bring them. Taken away from home, relatives and friends, they have a trying time to begin life in strange places."

The interest of the general public cannot be intensely aroused on one particular subject without to an extent dwarfing the interest in all other subjects, even when they are subjects of really great importance. The tremendous issue of war which strains the financial and physical resources of the nation naturally throws all other issues temporarily in the shade. I do not, however, believe the sentiment in favor of temperance and hostility to the saloon is decreasing. On the contrary I believe it is increasing, but we simply cannot give supreme attention to two things at the same time.

It must be admitted that the soldier boys will be

subjected to many temptations. That is always so in war. But when I remember that a great army of young men were subjected for four years during the Civil war to even greater temptations than will be the case with the soldiers in this war, and when I further remember that these same young men came home, settled down in the various walks of life, became the managers of the great business enterprises and controlled the politics of the country for 20 years and did both jobs right well, I cannot feel much worried about the effects of camp life on these young men. Those who have the right sort of stuff in them will come home sobered by their experience and more efficient and self-reliant than they would have been without this experience. Of course that is not saying that all possible safeguards ought not to be thrown about them.

Neither is it saying that the evils that are found associated with an army camp are good for young men. I do not believe anything of that kind. What I do mean is that the average American boy can withstand these temptations and come thru a reasonably clean, honest and upright citizen.

Jesse Johnson writes from Lincoln, Neb., that the Nonpartisan League is making considerable headway in Nebraska. He says: "The farmers of Nebraska are joining the movement rapidly, and in my opinion there is no doubt that it will be the biggest factor in Nebraska politics the next time we vote. I can readily understand how the \$16 enrollment fee must worry the politician; he sees at a glance that this money will be used to wage a campaign of publicity that will hurt his chances mightily. What the politicians of North Dakota are saying against the league should recommend and is recommending it to the farmers of Nebraska. Recently a Kansas man, who has played professional politics for years, said to me that he wished Governor Capper lived in Nebraska. I replied that most politicians wished the same thing. I sincerely hope that no Kansas farmer will be misled by the efforts of those who have been riding him for 50 years."

Edward Lind, writing from Athol, says: "I have been reading Passing Comment and was especially interested in the article, 'Caring for Soldiers' Families.' It is true that many soldiers' families are better cared for now than in time of peace and to my way of thinking that is where the most money is wasted. The local committees always will care for those in need. The soldier belongs to the nation and it has always been the custom to call the able bodied men for defense without pay, and for conquest, to be paid by the indemnity collected. Families of the central powers do not get a blessed cent but instead are asked to give their jewelry and three-fourths of their crops. Expert American aviators get \$125 a flight. The German aviator gets a promise of pay if they win and collect indemnity from their enemies. A lecturer boasted recently that the United States was five times richer than any other nation. True, but we spend it a thousand times faster. We get less satisfaction from the same amount of money than any people on earth. The big salaries should be used for ammunition and equipment. If the soldiers' pockets are full of cash it does not bother the enemy so much as when the belts are full of ammunition. Our wealth is our weakness. We put our trust in it and feel secure. One statesman said that we must fight with appropriations. I wish I had that kind of enemies. Whenever they would see me they would throw \$10 bills at me. China's poverty is its strength. If it had been rich the colonizing tyrants of the world would have cut it to pieces centuries ago. Nations, like men, if they are poor and ragged, need no body-guard. Politicians have wasted billions of money and the first scalp has not been taken yet. The families should feed themselves that the defenders may have equipment. If our government continues to baby us much longer the next generation will be so degenerated it will be unable to spread its butter on its bread without government aid."

Now while there is much truth in that letter, so far as it refers to waste of money in this country, I have no sympathy with that part of it which most heartlessly demands that the families of men selected for service shall be left to take care of themselves. When the government takes away the support of a family and compels him to become a soldier the least it can do in fairness is to give that family a support equal to that of which it has been deprived, at least

up to an amount which will afford a moderate support.

Certainly the man called into service will feel more like fighting for his country if he knows it is taking care of his wife and children while he is absent. Without realizing it perhaps, Mr. Lind has supplied one of the strongest indictments against the central powers I have read, if he knows what he is talking about. As I believe he came from one of those countries I assume that he does know when he says that the only hope of the German aviator—and I presume what is true of the aviator also is true of other soldiers—for pay is out of indemnities collected from the enemy. That is the bribe of loot and bears out the charge that has been made that German soldiers in Belgium and France have been permitted and encouraged to loot all private and public buildings of every article of value they could find entirely regardless of any possible value it might have in a military way.

Coming back to the original proposition it is certainly little enough to ask of us who cannot go out to fight to pay in proportion to our financial ability to support the families of those who do go.

H. M. Nichols of Westphalia, who is I fear somewhat given to flattery, tickles the vanity of the editor by saying: "Cut your paper in halves and still leave the Passing Comment and it is still worth the dollar which is inclosed." But continuing, he says: "Please register a kick for me. The farmers of Anderson county are satisfied with \$2 for wheat, if it is guaranteed to them at their home stations. It is only guaranteed to the dealers and elevator men at central points. They have been used to a rakeoff and they are entitled to fair pay for storing, handling and weighing. If they had all been licensed and allowed a stated amount a bushel on all they bought and were required to give vouchers to all men who sold to them, stating the price and grade of every load of wheat, there would have been scarcely any dissatisfaction except among sore heads and chronic grouches. As it is, some dealers are conscientious and just and some are not. Farmers and all men are much alike. No class or occupation can be awarded the prize for honesty, the most men are fair and honest. But Good Lord! what can you expect from an administration where all effort and initiative are centered in one man who may mean well but is ignorant of workingmen's conditions?"

H. C. Berlew is an old soldier, now at the Soldiers' Home at Orting, Wash. He loves peace and hates war but is still filled with patriotism and a willingness to sacrifice. He says: "You once said that things you were sure about at one time you afterward found you were mistaken about. Mistake after mistake, blunders of all kinds have at last brought us into the greatest war of the ages. It will be a long, long road to travel before man leaves all of his cave dwelling instincts behind."

"My son is somewhere in France. I feel hurt because he may lose his life because of the blunders and selfish motives of the rulers of men. He has been caught in the meshes and his peace loving soul has harked back to his cave dwelling ancestors. I have written him never to show yellow. You see if one has to fight he must remember that the other fellow must be licked, that other fellow in this case being Bill Hohenzollern. I am willing my boy shall help crush the monster tho he may lose his life. He enlisted from Kansas in the 110 Engineers—in Kansas where he was born, where his mother was born and where I lived for 30 years. Kansas doesn't raise cowards and when duty calls she is always in the front."

Changing from war to peace, Mrs. M. L. Clayton writes from Cabinet, Idaho, in praise of that country. "We came here last year," she says, "and bought land because it was cheap. This section has had a setback on account of the unusually dry summer of 1917, but it has the making of a wonderful farming country thru the entire length of Clark's Fork Valley. It will raise wheat, potatoes and oats, in fact everything that can be grown in Kansas except long season corn. The land has nearly all been wooded and is still covered with stumps and fire stripped trunks of tall trees. It takes hard work to clear new ground and at first it does not always raise big crops. It is wisest to plant potatoes or clover on wild lands until nitrogen and organic matter take the place of the pitch left by the for-

ests. The mineral elements are here which will produce large crops after a little time and labor. There is plenty of fuel. Wild fruits grow in many places. Apples and all deciduous fruits flourish. The winters are an even cold, but are not extreme. There is plenty of snow, which does not drift. There are mosquitoes in May and June. The forest fires are often serious so far as loss of timber is concerned but settlers' lives are not often in danger if they have any clearings about their buildings. Wages are good. Telephone posts, cordwood, railroad ties and fence posts sell well at the railroad.

"The land is rich in ores and water power. The day will come when these resources will be needed by the nation. Why don't some of your people come here to get homes and put some more good land under the plow? To those, like ourselves, who love flowers, trees, birds and beautiful scenery, this is a wonderland. We are living in a log cabin. We have no telephones, rural delivery or level roads, but they will come. We have a fine school. Roads remain firm when once made. The mud isn't sticky. The water is soft. In coming here do not pay freight on livestock other than a good heavy team and a milk cow, unless the stock is of special merit for breeding purposes. This country is as well supplied with ordinary stock as other countries. The pioneers here are the finest kind of people. So if you know of any farmers who are tired of renting and wish homes which will be an investment as well as homes and who are willing to work to improve their own as well as neighborhood conditions, send them to Clark's Fork Valley, where there is room for just such settlers."

If any reader of the Farmers Mail and Breeze wishes to know more about that country, write to Mrs. M. L. Clayton and do not forget to inclose postage, for my understanding is that she is not in the real estate business, altho evidently a very fair booster.

George E. Miller, writing from Lecompton, says: "In the Drovers' Telegram of October 26, Mr. Hoover says that if the war ends in 1918 the farmers will not get \$2 for wheat. Now I know you say that we will. We should like to know who is going to decide this question. If the war does end in 1918 is \$2 the price that will be paid the farmer or is that the price that will be paid at the terminal markets? Does the government expect to sell the 1918 crop to the mills at \$2 a bushel and does the government stand to lose money by doing so?"

"Now I believe you say that wheat would be much below \$2 if the war should end in 1918. If that is so, what will the consumer say if he has to buy flour made from \$2 wheat when he could perhaps buy it made from \$1 wheat if the guaranteed price were taken off?"

I have not seen the copy of the Drovers' Telegram referred to by Mr. Miller, but I cannot understand how Mr. Hoover could have made such a statement. The language of the law certainly is plain in its guarantee of a minimum price of \$2 a bushel for No. 1 wheat during 1918. There is no condition attached to the guarantee, such as that if the war ends the guaranteed price does not go. In fact, such a conditional guarantee as that would not only be of no value, but would be absurd. The object in passing this law was to stimulate the sowing of wheat in anticipation of a great demand next year. To have said we will guarantee \$2 if the war lasts but nothing if it ends would have been a farce, for it is reasonably certain that if the war does last the extraordinary demand will justify the price. What the government intended to do for the farmer was to assure him of a good price for his wheat in any event.

I do not know what arrangement the government expects to make with the millers and therefore cannot answer Mr. Miller's second question.

Neither can I at this time say whether the government will buy wheat at a loss next year. Neither can I prophesy what the consumer will say if he has to buy flour made from \$2 wheat when it is possible that without the government guarantee he would be buying flour made from \$1 wheat. Just at present that does not seem to me to be a question of great importance to the farmer who raises the wheat. This is a war measure but I rather expect to see the system continued after the war is over.

In regard to whether the price fixed by the government applies to the local or the terminal market, the law is plain on that point also. It applies to the local market.

Writing from Cleo Springs, Okla., E. D. Sells says: "I have been reading Passing Comment for several years, in fact that is all I take the paper for, as in my business I do not have much use for an agricultural paper. In Passing Comment I often find one article that is worth more than the price of the paper for a whole year, but when I read your article on 'Wall Street and the War' I decided to inclose a letter from Basil M. Manley that shows up part of the profit system that Congress has failed to regulate, because so many of our Senators are interested in big 'biz'."

I herewith quote the Manley letter referred to by Mr. Sells:

How gently Congress and the federal executive officers have dealt with American profiteers is strikingly shown by a computation of the profits of representative corporations after the payment of war taxes, just made by Eastman, Willon & Co., a conservative banking firm.

These calculations, which cover 45 diversified American corporations, show after the payment of all war taxes, the average net profits will equal 21.5 per cent. Before war taxes are deducted the average earnings are 32.7 per cent. These figures go a long way toward explaining the high cost of living in the United States, as they do not include

any companies which manufacture munitions exclusively, but relate principally to products purchased by private consumers.

The 21.5 per cent net profit after war taxes are paid is calculated on the basis of the quoted value of the corporate securities in December, 1916, when the stock market was at the height of its war boom. No attempt is made to arrive at the profit on the actual capital invested. More than half of this stock market value, however, is in common stock, practically all "water," and does not represent any original capital investment.

It is clear, therefore, that the profits of these representative corporations for this first year of the war will equal at least 40 per cent of the actual capital invested by stockholders. These exorbitant high profits are not only in a considerable measure responsible for the high cost of living, but they are even more directly responsible for the high cost of war.

It is quite true that these corporations are paying large amounts of taxes into the federal treasury, but for every dollar they pay in taxes they are taking two extra dollars in profits.

The United States Steel Corporation, it is estimated, will have net earnings at the end of this year of 451 million dollars. Out of this sum it will pay 178 million dollars in taxes; but it will have left for distribution to the stockholders or reinvestment 273 million dollars. In 1913, one of the best years in its history, the net income was only \$81,216,986.

In this first year of the war, therefore, the steel corporation will have left, after it has paid all its taxes, more than three times as large profits as it had in the best years before the war.

The question naturally will be asked, "Why, with such enormous profits assured, are the stock market values of American industrial securities now declining?"

There is only one answer. It is because the financiers know that such profits will not be tolerated when they become known. They are apprehensive that when Congress meets the whole revenue question will be reopened and drastic measures for the conscription of war profits will be passed.

Granting that Mr. Manley's statements are correct it seems to me that they prove my contention. I did not say that the big financiers of Wall Street had been ruined or that they will be ruined. On the contrary I have contended that the present war revenue bill does not place so heavy a burden on wealth as it should or anywhere near it. Nevertheless the situation contains the possibilities of financial ruin for these men. Mr. Manley answers the question: "Why, with such enormous profits assured are the stock market values of American industrial securities now declining? There is only one answer. It is because the financiers know that such profits will not be tolerated when they become known."

It may be true, as Mr. Sells suggests, that there are United States Senators interested in big business, but if this war continues for two or three years, as many persons predict, it will mean that the people will demand that something near to confiscation take place, or at any rate there is a possibility of that. The sensational decline in prices of standard stocks shows, as Mr. Manley says, that Wall Street fears this very thing. This is the best of proof that Wall Street did not plan to involve the United States in war. These magnates did not plan to bring about a condition which they evidently believe menaces their financial prosperity.

Regulation of Air Traffic

After the war the greatest development is likely to be in aircraft. Already there is some talk of the regulation of the air ships. There will be at least three classes: the privately owned aircraft used almost exclusively for private pleasure, the freight carrying airplanes used to carry certain kinds of freight and express matter which is of high value in proportion to its weight, and the public conveyances. Each will be required in all probability to fly at about a certain height and to stay in certain fairly well defined pathways thru the air.

Airplanes already have been constructed capable of carrying 20 persons. Larger ones will be constructed as experience increases and the demand multiplies. The speed of these flyers as compared with present methods of transportation might seem startling but people will soon become so accustomed to swift travel that it will seem commonplace. In all probability it will be quite possible to take a seat in a comfortable flying machine in New York at 10 o'clock in the forenoon and eat an early breakfast in San Francisco the next morning. Or flying eastward the traveler from New York leaving at the same hour can settle down in the fog of London the next morning.

Enormous factories will be built for the construction of aircraft and privately owned airplanes will become almost as common as automobiles are now. With the development of these machines will come safety devices which will make fatal accidents from falling machines almost impossible.

The world will be brought closer together than it has ever been before.

Jules Verne's story of "Around the Earth in 80 Days" will read like the story of a journey by stage in the days before steam had been harnessed by the genius of man. Ambitious aviators will encircle the globe in a week with two days taken out of the time to visit points of interest. New York and London will be as near neighbors as are New York and Chicago today. With the bringing together of now distant peoples, let us hope that national boundaries will fade to the point of being indistinguishable and the world will be welded into a great commercial and social brotherhood.

Looking into the future the imagination can glimpse possibilities far beyond man's present sight.

Jules Verne's "Visit to the Moon" may become a reality. It may become possible to convey heat thru the spaces beyond our own atmosphere, and store or manufacture enroute the necessary oxygen to support the lives of travelers thru space.

Profit Hogs and Patriotism

From an Address by Governor Capper, November 25 at Bucklin.

At best, or at worst, there are just about two kinds of people in the United States today—profit hogs and patriots. The patriots far outnumber the profit hogs, but there are enough of these two-legged swine to make these trying times more trying for the people and the government. Uncle Sam is trying to corral these greasy, slippery fellows, but is much too gentle with them, I think.

I want to read you a letter from one of the patriots. It is a sample of many that are coming to my desk in the state house. His name is W. J. Carter and he is a farmer living near Clinton. This is what he says:

"I am one of the great army of poor men trying to pay for a home, but under price-fixing my hope for the present is gone. There is no profit left to pay on the home. This year I sold most of my wheat for \$1.86 a bushel—not \$2.20, and we buy our flour back from the mill at \$5 for 96 pounds.

"I wanted to buy one of those Liberty Bonds, but before I had a chance I donated two-thirds of my entire wealth to this country. I don't think our government should expect more toll from one class than it does from another."

If one man, or a dozen men, had bought up one-fifth of all the Liberty Bonds, his or their patriotism would have been heralded to the world. Yet it would have been a gold-plated sort of patriotism compared with this man's. When we think of Carter having to pay war-profit prices to everybody else, out of the small and desperately needed sum he has left; while the profit hogs absorb the earnings taken from his wheat, it makes one's blood boil.

I have another letter which describes a common experience just now and I am getting letters like this one in every mail. It comes from Deerfield, Kan., and this is what the writer says:

"We are paying \$7.50 a ton for Kansas coal that only cost \$2.75 at the mine. We are paying \$1.75 a bushel for potatoes and they cost only 35 to 50 cents a bushel where they raise them; for flour, \$6.20 a hundred, and wheat is only \$1.90 a bushel, and so on. If this keeps on the farmer and the laboring man cannot live."

This man seems to have a pretty good idea of what the profit hogs are doing to him and others.

When the government fixed the price of wheat, our Western farmers gave up about 400 million dollars of their earnings in a bad crop season, with scarcely a protest. The farmers of Kansas donated not less than 50 million dollars of theirs. They have given freely of their sons, too. Notwithstanding this, a Chicago financier has risen to say that the farmers are not supporting the government. I am wondering what kind of a patriot he is, and I think I know.

What our farmers are objecting to is having the millions in wheat money they gave up go to the profit hogs, and not to the consumer. A real patriot wants the patriotism which has cost him dear to do the people and the country a service. He is entitled to this satisfaction in the fullest measure. But so far, it has been denied to our farmers. Not only are they denied this satisfaction, but they are compelled to pay war profits to everybody else.

When the government cut the price of wheat, the farmers' price fell immediately. But not the millers, nor the bakers. The government fixed the price of coal, and the consumer is paying more instead of less. It fixed the price of steel and copper, but we continue to pay, not as much, but more for these products.

About all we can say for the government's price regulating so far is that it has kept the coal operators from compelling us to pay them \$12 to \$15 a ton for coal this winter instead of the present war prices. This, however, is a negative concession. It amounts to nothing as a concession. It is no compensation for putting millions of bushels of wheat on a cost basis.

Price gouging is not confined to the coal barons, millers and bakers. Packers, cold storage plants, wholesale grocers, implement manufacturers and many retailers of foodstuffs and other necessities of life have exacted bigger profits and made more money in war time than in all their previous business experience. They have done this at a time when the masses of the people are least able to bear the heavy burden.

In the name of hard-pressed and war-burdened humanity, in the name of Farmer Carter and hundreds like him who have given themselves poor, I have demanded of Washington, and shall keep on demanding, that price regulating shall regulate—not one—but all. In order to make it do this, and no less than this, I would pen up the profit hogs; the penitentiary is too good for them. The common people are loyally supporting the government, but they could do it with better grace if they could be protected from the war plunderers and price gougers.

Tiles, and Good Crops

Better Drainage is Needed on Many Farms in Kansas

By H. B. Walker

Kansas usually is not considered a state with a great need for drainage, but the report of the drainage engineer of the division of extension of the Kansas State Agricultural college for the year ending June 30, 1917, shows that 55 farms were examined for drainage improvements. The improvement of these farms called for the use of 500,000 linear feet or nearly 100 miles of tile. Under average conditions this means a direct benefit to approximately 1,000 acres, and an increase in the value of every one of the 55 farms. If 55 farmers decided last year it was profitable to drain their swampy land, under conditions preceding the war, how much more profitable and patriotic will it be at the present time to make such land productive?

In addition to tile drainage improvement, this report shows assistance given on 27 drainage projects. These drainage projects involved the prevention of overflow of crop land. Some of these districts contain 15,000 acres. Even with an average of 5,000 acres a project, this would mean 135,000 acres which have been or can be increased in productive value. Special flood and storm problems in a dozen localities also were given consideration.

WHEN TILE is placed beneath the surface of a Kansas field, the action of gravity on the free water within causes the water table to seek a lower level. It also changes the mechanical conditions of the soil to increase its capillarity. The free opening in the drain readily offers a means of escape for the surplus water, and air replaces the space formerly occupied by it.

The action of the air has a tendency to slack the compact subsoils, causing them to become finer and more friable. As the free water is removed the soil particles are enabled to assume regular positions in the soil, which gives to it a firmness it could not attain before. The removal of this excessive water permits the cold, piercing airs of winter to penetrate deeper, thus freezing the soil to greater depths. This increased depth of freezing aids in the slacking of the compact masses in the soil, thereby adding to its friability. As succeeding years pass on after drainage, the firmness and fineness increase, thus aiding capillarity and at the same time permitting the water to escape more readily as the drainage pores become better defined.

Early Cultivation.

Increased friability of the soil permits cultivation earlier in the spring. The drainage pores in the soil are well defined. During the early spring the atmosphere is warmer than the soil. The spring rains, falling thru this warm air, gather heat, which is carried into the soil as the water percolates thru the drainage pores. This action quickly thaws the ground, regardless of deep freezing, thereby making it ready for seeding earlier in the season. Tile-drained fields can be cultivated from a week to 10 days earlier than undrained land.

Drained soils are warmer than undrained soils. Heat is carried into the soil by the warm spring rains. On the other hand, the action of gravity on the free water within the soil prevents excessive evaporation. In the undrained land excessive moisture can be removed only by evaporation. This being a powerful cooling process, we find that excessive evaporation always leaves the soil in a cold condition.

Frost does less injury to crops on drained soil. This is well illustrated by a little experiment which any farmer can perform. Take two wooden pegs about 6 inches long and drive them in the ground early in the fall. Place one in a dry soil and the other in a wet soil. Leave them alone until the frost goes out in the spring, and then examine. The result will show plainly what takes place in such soils when planted to wheat, alfalfa

and clover. The one placed in the wet soil is heaved several inches out of the ground, while the other has changed but little. Farmers familiar with the growing of clover and fall wheat know that but little trouble is experienced from these crops by heaving on the dry ground, but that it occurs regularly on the water-soaked areas. Water expands upon freezing, and so does a wet soil. Since a saturated soil has all the air cavities and drainage pores filled with water, freezing causes an expansion of the water, resulting in the heaving of the soil, which is so detrimental to certain farm crops. Drainage relieves this condition by removing this surplus water and replacing it with air, so that when the soil does freeze the expansion can take place within, thereby preventing an upheaval.

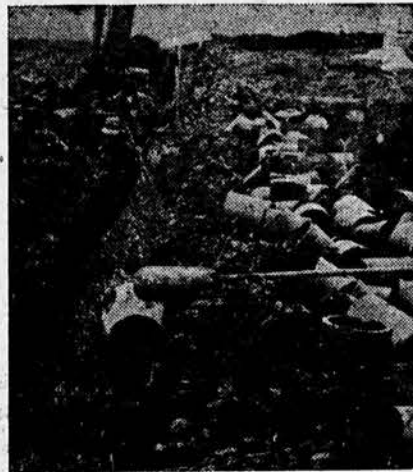
It seems startling at first thought that the same method which removes excessive moisture from the soil in times of wet weather also conserves moisture during periods of drouth. The tile drain, by lowering the water table, increases the depth of the seedbed. The roots of growing plants, penetrating deeper into the loose, moist soil, come in contact with more soil particles, which, it must be remembered, have the property of retaining a film of moisture round about them; or, in other words, the roots, coming in contact with more particles of soil meet more films of water, hence more moisture is available for plant life.

Any open material or conduit placed beneath the surface for the purpose of making an underground channel for carrying away excessive ground water is called an underdrain. The first type of underdrain consisted of bundles of sticks placed in a trench, and the whole covered with earth. Loose brush has been used for the same purpose, and this type of drain was known as the brush drain. Broken stone placed in the trench was found to serve the same purpose, and a drain of this character was termed a blind drain. Later it was found that by dragging an iron ball at the end of a chain beneath the surface of the soil a mole drain could be made by pressing out an underground conduit into the subsoil. These drains were used extensively in Illinois and Indiana, but it was found that they did not give satisfactory service after a period of three or four years. Some of these drains were constructed in Northeastern Kansas, but their use has long been discontinued.

In certain sections where stone is abundant trenches have been dug and stone placed in such a manner as to give a free opening in the soil. These drains have given fair satisfaction where there is plenty of fall, but the large amount of labor connected with the laying of this type makes the economy of such a drain doubtful. Plank drains or box drains are sometimes used in soft, marshy land, where it is impossible to get a solid foundation for the other types.

The modern underdrain, and the one used most widely at present, is the tile drain. Tile drains were introduced into the United States about 1838. Some of the first tile drains used in this country were not circular in form, but were flat on one side, with short, vertical side walls and with a semicircular covering. These were laid with the flat side on the grade line, which resulted in the dry-weather flow being distributed over a large area, thus retarding the velocity of flow, with a subsequent silting up of the tiles. The fact that many of these tiles were only 1½, 2 and 2½ inches in diameter is largely responsible for numerous early failures. Later it was found that by turning the tile over in the trench, with the curved surface on the grade line, better results were obtained.

The curved surface made a deeper dry-weather flow, with greater velocities, resulting in an underdrain that was more nearly self-cleansing. This led to the introduction of the circular tile drain which is now in such general use. It is the most economical form, as it requires less excavation for the effective waterway secured, and when installed properly it has a smooth, free flow line. At the present price of tile, no other form of underdrain can be considered. Circular tile drains



Ready to Lay the Tiles.

are manufactured from two different materials, namely, clay and cement. The clay tile is used to a greater extent than any other type of underdrain.

Tile drains are designed to carry a certain amount of water in 24 hours. The usual method is to consider the number of acres a certain-sized drain will remove ¼ inch of water from in 24 hours. Since the velocity of flow depends on the grade, it is necessary to know the fall or grade in determining the number of acres a certain sized tile will drain.

Tiles 4 Inches in Diameter.

It is not economy to use tiles smaller than 4 inches in diameter. Many farmers use 3-inch tiles for laterals in preference to the 4-inch since the cost of the 3-inch is about 12 per cent less. This is poor economy. A 4-inch tile will carry nearly twice as much water as a 3-inch tile. The cost of laying it is identical. Moreover, 4 inch tiles can be laid successfully on a flatter grade than 3-inch tiles, while imperfect laying is not half so dangerous in the larger size. In Indiana, Illinois and Iowa a large percentage of the 3-inch tiles that were laid 20 years ago have been taken up and replaced by the larger sizes. Iowa farmers in most localities cannot be induced to use 3-inch tiles at all, and frequently will not consider anything smaller than 5 inches in diameter.

Many Kansas farmers are making the mistake of using 3-inch tiles. While some of this work may be successful, the danger of failure does not warrant its use from the standpoint of economy and efficiency. Main drains should be designed to carry the water brought to them by the laterals. All laterals should be at least 4 inches in diameter, and seldom running for a greater length than 800 feet before increasing to a larger size.

Progress With the Kafir

BY W. H. COLE
Cowley County

Kafir topping is hard work and expensive for the farmer who is having it done. On this farm we usually expect our topping to cost 6 cents a bushel. Perhaps we are slow or put more work into the job than is necessary, but we have never been able to get the work done for any less. With the cost of cutting, shocking and threshing added to the cost of topping it puts a cost on the growing of kafir that frequently is lost sight of by many persons who seem to think that farming is about all clear profit. But with all these expenses kafir is a good crop to depend on. When well put in and tended it usually gives a good profit.

Some farmers who were early in topping their kafir are threshing it, and some good yields are being reported. The largest we have heard of is 45 bushels an acre. However, there will not be many fields that will yield that well. Twenty bushels to the acre will come a great deal nearer being what most fields will yield. With kafir commanding such a good price and the kafir butts selling for enough to pay for the cost of raising, threshing and marketing the crop a yield of 20 bushels an acre means a

good return from every acre. The kafir acreage will be large here next year.

We made a trip to the sorghum mill recently to get the molasses. When we stripped the cane, which was before any frost had showed up, we thought we surely had a good big load of it. It was piled carefully on hay and covered with canvas and hay to protect it from the rain and frost, and when it was loaded to take to the mill it was apparent that our judgment was faulty as to what constituted a load. Instead of having a wagon box full it was but little more than half full, but when made up it produced 6 gallons of excellent molasses. That there is a great demand for molasses was apparent from the fact that several persons expressed a willingness to give us a dollar a gallon for some of it.

The prolonged drouth is causing the streams to become low, and in many cases the water has settled into pools of various depths and sizes. This condition is of advantage to the fishermen, as the pools are alive with fish, and as the water is not running the fish have no available food supply. In consequence they take any bait cast before them, and the result is that many fine strings of fish are being exhibited by those who are fortunate enough to have time to fish. It is to be hoped that sufficient rain comes to start the streams to running before any severe freezes occur as some of the holes are so shallow that for them to freeze would mean the extermination of thousands of fish.

Persons who have never suffered from the work of rats have missed a novel experience. For several months these pests have been working around the house. Recently a half bushel of potatoes disappeared in a night and was found uninjured in a drawer of the tool chest. Various other articles also have "come up missing." Last week, just at dusk one evening, we attempted to start the pumping engine to supply the stock with water. The engine is installed in a small building near the well and instead of starting right off, as it usually does, it balked and no amount of effort would start it. So we got out the tools and started to take it apart in hopes of locating the trouble. Darkness came on and we left the job to complete it the following morning. The tools were left on the floor around the engine and when we went to finish the job when daylight came in the morning the wrench alone remained out of all the tools that had been in use. The dog was at once enlisted and after considerable trouble a rat, as well as the missing tools were located under a chest that stood in one corner of the building. We were glad when the dog made short work of the rat and since doing so nothing has been molested. These pests are exceedingly industrious but how they can handle such a heavy object as an engine crank is beyond our comprehension.

Most of the threshing is done in this section with a steam outfit, tho occasionally we are fortunate enough to get a gasoline rig. For the services of the steam rig we have to pay 4 cents a bushel for kafir threshing and haul and pay for the coal ourselves. Hauling the coal is not such a big job when the roads are good, yet when one lives 5 miles from town the hauling of a load spoils a whole day and when one has about all he can handle anyway the time counts. We much prefer the gasoline rig. The man who owns it does kafir threshing for 4½ cents a bushel and supplies the fuel. This is quite a saving to the farmer as he does not have to lose a day in hauling the coal and at threshing time has no water hauler and his team to board and feed. Then, too, there are no piles of cinders and clinkers left around over the fields when the gasoline rig is employed. We really do not know that these piles of cinders do any damage but we dislike to have them in the fields.

Oh!—Mistress—"And why did you leave your last situation?"

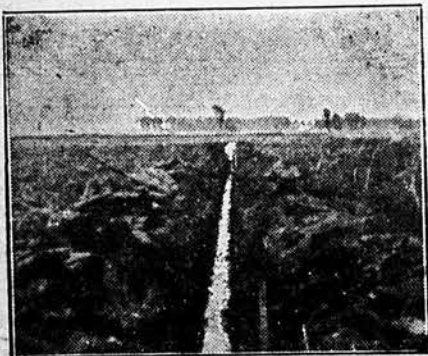
Applicant—"Shure, mum, I was discharged—"

Mistress—"Discharged! Ah, then, I'm afraid you won't suit me. What were you discharged for?"

Applicant—"For doing well, mum."

Mistress—"Why, what do you mean? Where was your last place?"

Applicant—"In the hospital!"—Tit-Bits.



Ditching a Bottom Field For Tile.

More Pep for Poultry

Many Flocks Have Been Established in Leavenworth County

By G. D. McClaskey, Poultry Editor

KANSAS SHOULD soon become the leading poultry producing state in the Union, as our poultry growers have right at their doors some of the greatest poultry educational institutions and experimental plants in the country. This gives Kansas poultry raisers an advantage that poultry raisers of many other states do not have.

On a recent trip among poultry people I spent two days at Leavenworth, where poultry production is rapidly becoming one of the leading industries of the city and community. I have already told in the Farmers Mail and Breeze about the poultry work that is being done under the able supervision of Charles M. Swan at the Kansas state penitentiary. I found that the prisoners are taking a great interest in this work.

A large poultry house is being built at the Federal Penitentiary. When it is completed it will house 1,000 or more Single Comb White Leghorns, which will be kept to supply the prison with fresh eggs. All the work on the poultry house is being done by prison labor. About 1,700 men are now confined in the Federal Penitentiary. Among this number are several who have taken a great interest in the small flock of poultry that has been kept in the prison yard for years. Their interest in the work had much to do in encouraging the prison authorities to make arrangements that would enable these men to give special attention to poultry production. The waste from the kitchen and dining room will be a large part of the feed for the big flock of hens that will be kept after the new poultry quarters are completed.

Livestock for Food.

I received a real surprise at Fort Leavenworth, where I found a poultry plant under way of construction that will, I believe, be the largest poultry farm in America. Yet the poultry is only one part of the livestock department at the fort.

During the last year Harlo J. Fiske accepted an appointment from the War Department as superintendent and senior instructor of the Government Farms at Fort Leavenworth. Captain Fiske will devote his time to the breeding of Holstein cattle, Duroc Jersey hogs and Single Comb White Leghorn chickens. He is national secretary of the Single Comb White Leghorn club and is one of the best poultry judges in the United States.

Before coming to Fort Leavenworth Captain Fiske was for nearly seven years general manager of Francis Lynde Stetson's immense estate at Sterlington, N. Y. He then became general manager of the famous Pabst Stock Farms at Oconomowoc, Wis., which position he resigned to take charge of the livestock work at the Government Farms.

Under Captain Fiske's direction, Albert Anderson has charge of the poultry department. Mr. Anderson is a graduate of the American School of Poultry Husbandry at Leavenworth and comes to Kansas from Minnesota. The poultry flock now consists of about 2,500 White Leghorn laying hens, and preparations are being made to increase the flock to 15,000, which will be made larger as facilities increase.

Large Poultry Houses.

The poultry houses are 16 by 192 feet, two stories high. Two of these houses are now in use and two more are being built. Several more houses of the same size will be put up next year. These houses are on the south slopes of two of the many wooded hills on the farm. This affords ideal shelter from the cold north winds in winter. Several large brooder houses are being built. These will be ready to house the chicks that will be hatched during the winter and early spring. Not less than 20 coal-burning brooder stoves will be used in the brooder houses. Captain Fiske plans to raise from 20,000 to 40,000 White Leghorns next year. All the hatching will be done with a mammoth incubator having a capacity of several thousand eggs. All of the labor on the farm, including the erection of the buildings, is done by prisoners from the disciplinary barracks at the fort. With no expendi-

ture of money for labor, and but very little for feed, as much of the feed will be table scraps from the mess rooms at the fort, the poultry and eggs for a part of Uncle Sam's soldiers will be produced very cheaply, and will add materially to the supply of food stuffs required by the government.

It would seem from what is being done at the Kansas state penitentiary, the Federal Penitentiary at Leavenworth, and the poultry farm at Fort Leavenworth, in the production of poultry and eggs, that our state and nation have found one way of beating the poultry and egg speculators. It also would seem that a new national bird has appeared in our midst; that the great American eagle is being driven from his perch by the little White Leghorn hen.

But not all of the poultry around Leavenworth is owned by the state and the United States government. The Leavenworth Poultry association has a membership of about 50 small breeders and fanciers, each of whom is doing his part in producing standard-bred poultry and in encouraging a greater production. This is one of the oldest poultry associations in the state and it has had considerable to do with creating a very great interest in poultry raising in the Leavenworth territory. Business men of the city realize the importance of this and for many years have been liberal in their support. They have contributed \$500 for use in paying the pre-

Kansas, is of special benefit to the poultry interests of this state. Professor Quisenberry told me that during the short time his experiment station has been located at Leavenworth he has received visitors from every state.

This new laying contest is divided into three sections—the breeders' contest where 17 varieties of pullets of three pens each are competing, the hen contest where 20 pens of yearling hens are being tested for their second year, and the special White Leghorn contest where 500 of America's best bred White Leghorns are competing.

An accurate record of the feed, labor and proceeds from eggs for every variety is being kept, and some interesting and helpful facts should be developed regarding the cost and methods of feeding. Professor Quisenberry also hopes to learn from the work of the pullets in the breeders' contest whether highly-bred exhibition strains can lay a profitable number of eggs.

When the business men of Leavenworth decided to hold a "get-together day" to bring the farmers and townspeople in closer touch with one another it was decided to take advantage of this opportunity to lend further encouragement to poultry production and to dairying. Professor Quisenberry conceived the idea of making a display of poultry and eggs cooked in various forms all ready for the table.

He consulted Mrs. Quisenberry on the



Foods Prepared from Poultry and Eggs by Mrs. T. E. Quisenberry for the "Get Together" Day Held Recently at Leavenworth.

miums and expenses of the next show to be held January 1 to 4. Not less than \$400 has been given by these business men every year for several years to encourage the production of more and better poultry.

As a result of the interest in poultry in Leavenworth county, Mr. and Mrs. Walter Lewis moved recently from California to a 10-acre tract just west of the city and will give special attention to producing fancy table eggs to be sold direct to the consumers. Their new poultry house, which will accommodate 1,000 White Leghorn hens, has just been completed.

The Lewis place is immediately north of the 20-acre tract occupied by the offices and experiment station of the American School of Poultry Husbandry, of which T. E. Quisenberry is the head. It is here that the American egg laying contests are conducted. The same business men who have been interested in all other poultry work at Leavenworth offered inducements to Professor Quisenberry, which prompted him to locate among them. As a result of Professor Quisenberry's work Kansas is being advertised thruout America, and the poultry industry is being benefited. The egg laying contests have been of great help in building up flocks of heavy egg producers.

Fowls from 31 states and from Canada are entered in the new contest which opened November 1. There are 27 entries from Kansas poultrymen. I believe this is the finest lot of standard-bred poultry ever brought together in any one contest anywhere in the world. This is of great educational value to poultrymen, and being conducted in

morning before "get-together day," and with that short notice Mrs. Quisenberry was able to prepare 30 choice dishes made from poultry and eggs. The accompanying illustration shows how this display appeared when the people were forced back from the table so the photographer might have a chance to make the picture. Mrs. Quisenberry told me that she never realized how much interest an exhibit of this kind could create until she was called on to explain how the different dishes were prepared. Since "get-together day" she has been collecting recipes where poultry and eggs are used alone or form the basis of various dishes for human food. She now has 300 of such recipes which she may put into book form to encourage a greater consumption of poultry products in the interest of conserving other meat foods.

Leavenworth's second "get-together day" will be held in the fall of 1918. This and all other poultry activities in Leavenworth county will be of great help in the Kansas drive for more poultry and eggs.

Progress With the Land Banks

The 12 Federal Land Banks lent \$7,374,044 in October. This was practically double the amount paid out during the previous month and indicates that the process of making loans thru the Federal Land Banks is being speeded up materially. The total amount now supplied to farmers is \$21,040,138. It is expected that from now on more than 8 million dollars will be paid out every month.

During October the 12 Federal Land

Banks received applications for loans amounting to \$27,416,403, and approved loans amounting to \$20,119,240. This brings the total applications for loans in the hands of the 12 Federal Land Banks up to a total of \$193,250,945. This represents the applications only of organized farm loan associations, totaling approximately 3,000, one-half of which actually have been chartered and the other half of which awaits action by the Federal Land Banks. In addition the Federal Land Banks estimate that approximately 2,000 other farm loan associations are being organized in the United States, which, when their applications are filed, will bring the total of applications to nearly double the present amount.

Kansas has taken \$3,039,000 from the Wichita bank; the total of loans applied for has now reached \$7,347,477. If you wish to organize an association in your community write to the Federal Land Bank, Wichita, Kan. All money is supplied at 5 per cent.

Good Results from Calf Clubs

BY FRANK D. TOMSON

An impressive object lesson in comparative profits in feeding grade and full-blood calves is shown in the outcome of two boys' and girls' calf club contests in Central Illinois. A certain bank decided on a contest and invested in 50 registered Shorthorn heifer calves. Upon their receipt they were appraised by a well-known Shorthorn breeder and were distributed, by drawing lots, among the boys and girls who formed the club. The conditions of the contest obligated the banker to advertise a public sale and dispose of the calves in that way at the close of the season the last week in October. Every boy and girl was to take care of his or her calf and grow it out during the season and was to receive the margin between the purchase price and the selling price for profit; or in the event the animal sold for less than the original price, they were to make up the loss.

A rival bank also decided on a contest with similar conditions, but selected grade calves for the purpose. It happened that this bank held its sale a week before the date announced for the full-blood heifers, and the event was regarded as a real success, the grade calves selling for an average of \$65 a head.

The registered calves cost the boys and girls an average of \$117 around and when sold in the sale averaged \$235 a head—an average gross profit of \$118 for every boy and girl in the contest. In other words, the margin of profit received by the boys and girls who fed the registered heifers was almost double the actual selling price of the grade heifers in the other contest. An interesting fact is that there was not one animal sold among the full-bloods that did not make a profit for its owner, and in one or two cases the profit reached \$300. But there is another and more important fact that comes out of this contest and this is that it has resulted in the starting of a number of full-blood herds in that community. The inspiration received thru the various stages of this experience and its conclusion has started a goodly number of boys and girls along the road of producing registered Shorthorns.

As an advertising force this contest has been tremendously effective in attracting attention to this community from a wide territory. The sale of these registered calves brought the attendance to fully 2,000 persons, and a number of bankers from over the state were on hand to watch the outcome and study the effects of this enterprising undertaking. A feature of the contest was the showing of the most worthy of the calves for prizes. This display was on the main street and competent judges made the ratings. Beautiful rosettes were provided by the American Shorthorn Breeders' association for the prize winners.

These calf club contests are becoming popular and are proving a useful and definite force in the growing of better standards of livestock.

A good food for the ducks, both young and old, is a mash of 1 part cornmeal and 2 parts wheat bran every morning and every other evening, and on the alternate evening a good feed of cracked corn, shrunken wheat or oats. If they can be allowed free range they will pick up considerable food around the place until the ground freezes.



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Jayhawker's Farm Notes

BY HARLEY HATCH

Feeding With But Little Waste. Higher Prices for Prairie Hay. Kafir for Early Maturing. Save Fur Animals Until Winter. Watch for the Cornstalk Disease. Farmers are Buying the Flour. High Yields from White Corn.

NEVER HAS there been better weather than that supplied by this last week. Not a moment was missed from work on this farm, which makes two weeks in succession the same in that respect. I must confess that a rainy day in the house would not go bad after 12 days of work especially as we need the moisture both for stock water and the wheat.

Both feed and fuel are saved in large quantities every day of this fine weather. Of fuel it takes scarcely none at all and of feed it probably takes not more than 60 per cent of what would be required in stormy weather. The ground is dry and all feed can be eaten by the stock without being soiled. Many farmers are giving their cattle which are still out in the pastures about one bundle of kafir fodder a day, which seems to be enough to keep them in good condition. Again I must mention how fine the kafir fodder is; never have we had better roughness; never perhaps quite so good.

Just as I think the price of hay has reached the possible upward limit our market paper comes with the news "prairie 50 cents to \$1 a ton higher." So frequently has such news come in the last week that a total increase in price of \$3 a ton in all grades of prairie hay has been registered. Today in Kansas City \$27 a ton is being paid for choice hay, which is no doubt more than it is worth for feeding purposes. But so far as realizing on that price goes, we cannot do it; we cannot get cars even to ship cattle to say nothing of hay. So high have all prices of rough feeds gone that \$10 a ton is being paid in Burlington for kafir fodder right from the field. It is very full of sap yet and weighs extremely heavy.

In former years we used to think that if we were to get an early maturing kafir the seed would have to come from the North, the same as corn. But I am beginning to think that instead of being like corn it is more like oats and that if we wish early maturing kafir the seed must come from the South. If we wish early maturing oats here we send south for them; if early corn is needed we must get it from the North. This sounds like a contradiction but there is a sufficient and good reason for both cases. If oats get ripe in Texas they must hustle to escape the hot summer weather; if corn gets ripe in the North it must hustle to escape the early frosts. In both cases hustle is bred in the plants and that is what we need for early maturity.

I don't know that I can safely say that kafir is becoming later in maturing as many persons think. I am inclined to lay the failure to mature seed more to the seasons than anything else. If we could get a summer in which crops would grow thru July and August instead of standing still I think our kafir would mature as it formerly did. But there also is something in seed selection and this year there have been so many cases in this vicinity where seed from Texas and Oklahoma matured, while native seed did not, that I am beginning to think we had better get our seed from the South next year. What has been the experience of our readers with kafir seed brought from the South?

One of the neighbor boys has been trapping for more than a month and during that time has had very good success. The fur taken during that time was not prime but if the boy didn't trap them someone else would beat him to it. So he trapped anyway, regardless of the quality of the fur, but instead of killing the black and white animals he has been keeping them in a pen and feeding them until the fur gets better. He now has 18 head of black and white fellows in his pen and it keeps him busy finding enough rabbit meat to satisfy their appetites. He tells me the skunk is a great lover of milk

and rabbit and will thrive in captivity so long as he gets plenty of that diet. What makes it hard to feed rabbits to skunks now is that the rabbits are in prime condition and furnish fine meat—for those who like rabbit.

Several cattle have been lost in this county during the last week with the so-called cornstalk disease. At any rate the cattle were in good health when turned in the stalks and died in from one day to one week after being turned in. One neighbor took the best of care of his animals when he first turned them in the stalks; he had plenty of water where they could get it at all times and began by letting them have the run of the stalks for but 1 hour at a time. Just as he thought he had things safe he found two of his best heifers dead. Others have lost from one to four head as a result of stalk pasturing this week.

When stalks are as dead as they appear this year there is just one safe thing to do—keep the cattle entirely out of the stalks. At least keep them out until we have had two good rains or enough storms to weather the stalks. There seems to be less danger after the stalks have been well weathered by storms. In regions of more rainfall loss from stalk pasturing seldom amounts to much.

There are many persons who think these losses of cattle in the cornstalks are due to letting the cattle stay in the

Too Easy With Traitors

Every day or two we read of great plants, or great stores of food, clothing or munitions going up in smoke.

Fires and bomb plots are reported week by week and have been so reported for more than a year from many parts of the United States.

The government secret service has just warned 100 concerns in Cleveland that I. W. W. and pro-German plots have been made to destroy them.

Isn't it about time to hang or shoot the spies or traitors who are making war right here at home against the people of the United States?

We are too easy. This is war. These are war times. Let us show that we understand what is being done to us by fighting back.

We cannot handle assassins with kid gloves and leisurely court proceedings.

stalks too long and so get filled too much or to a lack of water. Some also think that by feeding well before turning out or by salting heavily and watering before letting them in the stalks a loss can be avoided. It may be that a certain per cent of the losses are due to impaction but there can be no question but what there is a poison present at times in the stalks and if they are pastured then no system of feeding or watering will prevent losses. Several years ago we had a neighbor who always pastured his stalks regardless of any loss others were suffering. He had a system of handling them which he thought assured him against any loss and it seemed that it did help when others lost stock and he lost none. But just as he began to think his system infallible he lost three cows in one day; after that he was sure there was no insurance against the alleged cornstalk disease except keeping the cattle out of the stalks.

There has been a very large local buying of flour in this vicinity during the last month. Farmers seem to be laying in a winter supply as they take all the way from 10 to 60 sacks apiece. When the larger number is bought there are several families getting their supply together and having one man haul it all out to their neighborhood. In some cases farmers come from long distances to get full loads of flour, the difference in price between that charged at the

mill and by their local merchants making a long trip worth while. For the best patent the mill charges \$2.65, for straight patent \$2.80 and for clear flour \$2.55 a 48-pound sack. This flour is made from grain for which an average price of \$2.07 a bushel is paid for hard wheat of good color. The government rules compel a mixture of a certain per cent of soft wheat in all flour milled. These prices make a saving of from 25 to 35 cents a sack over average store charges, which amounts to considerable on a full load. Bran is \$1.60 at the mill and gray shorts \$2.30. This also is from 30 to 40 cents a hundred less than average feed store charges.

On this farm the two varieties of corn planted this year are a type of Golden Beauty and a white variety something on the order of Boone County White but which has become more or less mixed with other white kinds. Half of one field was planted to the yellow kind and half to the white. I husked the last two rows of yellow and the next two rows in the field, which were white. I knew from the looks that the white corn was the best but was not prepared to find it as much better as it really proved to be. From the two rows of white corn adjoining the yellow and only 3½ feet away I picked at least 50 per cent more corn. Not only did I get more corn but the quality was better. It is commonly thought here that white corn will outyield yellow in almost every instance but there is seldom so much difference as I found in our field. I had thought that the Golden Beauty would, of all yellow varieties, yield nearest to white corn on our uplands and we raised it because we liked the rich golden color so well. I think the reason for the greatly increased yield of the white corn is that it was later and so got more benefit from the first of August rains.

Fight the Bindweed

I am enclosing a weed that has been giving me trouble on a small lot for the last few years. I sowed the field in which this patch of weeds is located to alfalfa last fall, and the weeds apparently have come up and killed the alfalfa. I desire to know what the weed is and the best way of getting rid of it. Am thinking somewhat of turning it into a hog lot to let the animals pasture it so close that it will not have a chance to grow. Will that help in killing it? Clay County. F. L. C.

I have your letter inclosing a sample of a weed which we have identified as bindweed. This is the most difficult to eradicate of any weed that grows in the state. It also spreads rapidly, both by seed and underground roots, and if you have but a small patch at the present time, you should do everything possible to prevent its spreading to adjoining land. A field badly infested with bindweed is almost useless for farming purposes.

We find in the vicinity of Manhattan that if ground is well prepared for alfalfa, and if the alfalfa is seeded in the fall, that it will hold the bindweed in check, and probably completely eradicate it in a few years' time. Farther west in the state, where conditions are not quite so favorable for alfalfa, this is not the case. Possibly, under your conditions, you would have more difficulty in eradicating bindweed than we have.

I note what you say regarding the field that you seeded to alfalfa. Your plan of pasturing hogs on the field is a good one. Hogs are very fond of the bindweed roots, and, if the field is stocked heavily with hogs, they will prevent the weed from producing seed. It would be possible to entirely eradicate the weed by means of hogs if the patch were small, and if enough hogs were kept on the field. It would require a sufficient number of hogs to practically prevent the growth of all vegetation to eradicate bindweed in this way.

Where there is a small patch, I know of no better way of eradicating the weed than by means of salt. An application of 10 tons of salt to the acre will kill most of the weeds. There may be a few scattering weeds that will come thru an application of salt of this rate, but if the patch is watched, and the plants which are able to survive are salted from time to time as they appear, the weed can be completely destroyed. Just how long it would take for a field that had been salted to become productive again is difficult to say. It would require several years, but it would be preferable to have an unproductive spot rather than to have the bindweed grow, which would constantly spread and be a source of danger to the whole farm.

K. S. A. C.

L. E. Call.

Pigs Going Like "Hot Cakes"

Sales of Breeding Stock are Being Made by Capper Boys

BY JOHN F. CASE, Contest Manager

FROM ALL over Kansas reports of sales made are coming to me. Capper club catalogs are doing the work. "My pigs went like hot cakes," wrote Francis Sullivan of Abilene. "I sold six for \$198.80 and have two gilts valued at \$35 each. And my old sow now is valued at \$75." Francis paid \$35 for his sow. He sold a gilt to a new member for that amount so one pig paid his note. Many other boys will do as well.

All thru the contest work I have talked baseball more or less when writing to club members. It seems to put

writes Virgil Knox, secretary of the Poland Breed Club. "They come from all over the state. I sent every man a catalog and a courteous letter as you told me. I'm kept plenty busy writing letters and selling pigs. I sold two pigs for \$50 and invested in a Liberty Bond." So Virgil is a genuine Patriotic Pork Producer. Inquiries for catalogs have come to me from all over the United States. The other day I had a letter from a banker in New Jersey who wanted to buy 50 purebred gilts to start a boys' pig club. This is a tip for future work. It would be a fine thing if club members could get together and get only one breed in a county or in a number of adjoining counties. This would enable boys to make shipments together. With only a few pigs listed for sale by each boy and the boys widely separated, it is impossible to fill orders of the kind described. It wouldn't be a bad plan for county leaders to try to hold a meeting as soon as club membership is completed and plan for one breed. Our boys seem to get along better on co-operative work than most men do.

Members of the 1916 club keep asking me about belonging to the breed club. You can belong to the breed club by paying 50 cents dues. You need not keep records but you must keep purebred swine. You can list the pigs from one litter when the catalog is issued. You can belong to the county club and compete for the special pep prizes, but by vote of the members you are barred from competition for the pork production prizes unless you get into the father and son contest.

A number of additional applications for membership in the father and son contest have been received but recommendations have not been filed. The only addition we have to report this week is A. B. Cordry and Burton Cordry of Haddam, Washington county, but they promise to be a mighty live team. "I have been very much interested in Burton's work the last summer and believe it has been a good thing for him both financially and as a business training," says Mr. Cordry. "I became discouraged with the hog business about three years ago and quit. I did not have a hog on the place when Burton went into the contest last March but he has done so well in spite of high priced feed that I am going to buy a gilt of him and see if I can't beat him next year. He sold five of his pigs last week for \$175, and has his old sow, his best gilt, nine dandy fall pigs and about \$36 above all expenses to date. I think that is pretty good for a 10-year-old boy." It is mighty encouraging to have the approval of men like Mr. Cordry, and it's pretty convincing proof that there is profit in the purebred swine business.

Not every club member can win a prize. All of us knew that when we took up the contest work but every boy can live up to the promise he has made. I have a lot more admiration for the fellow who plays the game to the finish, knowing that he has no chance to win than the one who gets off to a winning lead in the first inning and just plays hard enough to keep ahead. Blanks for reporting have been sent to all the members. If I fail to hear from them, I'm going to investigate. Persons who signed recommendation blanks will not be pleased if they find the boy whom they commended "laid down" on the job. I am sure there will be no quitters in the Capper Pig Club work for 1917.

Many of the club members are reporting sales of breeding stock. Many requests for catalogs are being received. I'll be glad to send one to you. The club secretaries are mighty busy boys. "I've had many inquiries for catalogs,"

county. Reuben, by the way, sent me a prize pig. This pig was made with a "jig saw," and I have used it as a paper weight for months. The pig's name is Mary Jane and she brought Reuben 10 fine red pigs. Reuben was unable to produce Duroc ears with a saw so Mary Jane looks much like a Berk. In Osage county Alton Jones is the only 1917 member we have lined up again. Some of the boys, tho, have brothers in next year's club. It would be a fine plan to clip the list of club members as the complete membership is printed and when the contest begins you will have the address of every boy in the club.

New members keep telling me how pleased they are to get into the 1918 club, and I feel sure that we are going to have a real pep club next year. "Boys around here ask me if Governor Capper will lend them money to buy a sow with," writes Virgil Knox. "Sure, he will," I tell them. "Just fill out the application in the paper and if you can file recommendations and win a place you can get the money. The Capper Pig Club has started a good many boys in business." Simple, isn't it? But you had better not wait before sending the application and you'd better hustle and secure recommendations after you receive your blank. I'm sorry to disappoint any boy but every day we are receiving recommendations after the county membership has been completed. There is a place for only 10 boys.

Franklin county has a live leader. He isn't very big but he has the pep. Wayne Vickers came to the big pep meeting and was right there when it came to keeping up with the procession. The Franklin county boys haven't held very many meetings but they have had some good times. The 1917 members and breeds entered are Wayne Vickers, Durocs; Charles Petty, Polands; Robert Ramey, Polands; Laurence Steele, Durocs; and Claude Smith, Durocs. Wayne is 12; Charles is 17; Robert is 14; Laurence is 10; and Claude is 14 years old. The boys who have lined up for the 1918 club are Wayne Vickers, Robert Ramey and Claude Smith.

Duroc breeders are not the only men who show pep. Arthur Mosse of Leavenworth, one of the best Chester White breeders in Kansas, has offered to put up a \$50 pig for the 1918 Chester White breed club. Bully for Mr. Mosse! Now let's see if some Poland, Spotted Poland, Hampshire and Berkshire breeders won't provide prize pigs for these clubs.

Here are the names of boys in clubs where membership is complete:

Name	Postoffice	Age
DOUGLAS COUNTY.		
Fred W. Smith, Leocompton	13
Delbert McPheters, Baldwin	12
Will Bryan, Eudora	12
Francis Normile, Purcell	17
Jos. K. Gorbett, Lawrence	15
Samuel D. Tucker, Jr., Lawrence	13
Alvin M. Fisher, Overbrook	15
Arthur Hoopes, Overbrook	12
Harold Trumbull, Baldwin	12
Olin Edgar Leach, Baldwin	14

MARION COUNTY.		
Edward Krause, Hillsboro	.....	14
John A. Hein, Marion	.....	13
Julian Greer, Marion	.....	12
Roy West, Peabody	.....	14
Ted Butler, Marion	.....	15
Theodore Graham, Peabody	.....	16
Reuben J. Rose, Canton	.....	13
Earl Moretz, Hillsboro	.....	15
Fred Mann, Peabody	.....	15
Lester Logan, Peabody	.....	16

OSAGE COUNTY.		
Alton D. Jones, Barclay	.....	13
Calvin Coffman, Overbrook	.....	17
Everett Ingersoll, Overbrook	.....	17
Albert F. Sims, Barclay	.....	14
Lawrence J. Price, Quenemo	.....	16
Ralph Stadel, Quenemo	.....	13
W. H. Culver, Lyndon	.....	18
Roland Roney, Scranton	.....	16
Walter Mochamer, Barclay	.....	16
William Brown, Carbondale	.....	13

More Books for Your Family

You will find that the state book service is mighty helpful if you will take advantage of the opportunity offered. You can obtain 50 books of the best authors from the state for six months for a charge of \$2. Why not do this in preparation for the long winter nights?

Full information about this service can be obtained from Mrs. Adrian L. Greene, state house, Topeka, Kan., secretary of the Kansas traveling libraries commission. It is expected that every library will reach at least eight readers. Why not organize a local reading club in connection with your Sunday school or Grange?

It is always best to use hoppers for feeding dry mash to fowls because the hoppers protect the supply against dust and dirt. Some are constructed so that they will keep out the rats and wild birds when closed.



Left to Right: Wayne Vickers, Claude Smith, Laurence Steele.

THE CAPPER PIG CLUB

John F. Case, Contest Manager, Capper Building, Topeka, Kan.

I hereby make application for selection as one of the ten representatives for county in the Capper Pig Club Contest. I will try to secure 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 pig club work in the Farmers Mail and Breeze and will make every possible effort to acquire information concerning the breeding, care and feeding of swine.

Signed Age

Approved Parent or Guardian

Postoffice Date

Age Limit 12 to 18

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Write us today and tell us how many trees you have; the circumference of each tree five feet from the ground; from what railroad station they can be shipped; and how soon you can have the logs ready for shipment. We pay spot cash when the logs are loaded on the cars. Or, if you have enough trees, we will buy them standing and cut them ourselves. Write fully today and get our prices.

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Young Kansans at Work

Birds Need Winter Lunch Counter



Have you made a winter lunch counter where you are going to entertain your friends, the birds, when the ground is covered with snow and it is difficult for them to find food? Almost any morning they may awaken to find their "table" snow-covered. So it's a good plan to let them know in advance where to get their meals in case Mother Nature closes her boarding house on short order.

Until the weather becomes severe no better table is needed than the bare ground, where suet, cracked nuts and grain, bits of meat, crumbs and small seeds may be scattered. A feast should be spread daily at some community center easily accessible to all the bird folks, but protected from their enemies. Some of the friendliest of the little folks will come to the window-sill festal board where you may observe their pleasure in your treat.

Without rude intrusion or rough investigation to see if they are comfortable in whatever homes they have found, you might provide some neighborhood shelters where all the feathered inhabitants of woods and fields would be safe and welcome. And then proceed to get acquainted with the little folks themselves. Nothing you read or hear about them will be half so interesting or convincing as what you may find out for yourself by respectful observation, especially if you will look for good in both permanent and migrating neighbors.

The first bird to try your table is sure to tell others if he likes it, and he mustn't be disappointed when he comes back and brings his friends to dine with you. There are a great many birds which spend the winter here. These get along very well, except in times of deep snow and severe cold, but there's not a winter but takes its toll of bird life. A little forethought will lessen the tragedy.

The valuable services of our resident birds make it well worth while to take the trouble of making them a sheltered feeding place. This winter lunch counter may be almost any style from a simple box with one side knocked out nailed to a tree trunk, to a very elaborate house with sides of glass.

It is remarkable what can be accomplished by feeding the birds regularly thru the days when they aren't able to help themselves. Most of those which are common to this locality can be made so gentle as to eat from our hands.

One boy who is a friend of the birds tied some suet to a branch of a tree. The suet, or other fat, which is intended for birds that eat insects, is put in conspicuous places on trees, and string is wound round and round it, so as to form a sort of net which prevents the food from falling to the ground even after it has grown beautifully smaller under the attacks of hungry birds. If there is danger of crows, jays or red squirrels carrying off more than their share, it is a good plan to flatten out a lump of suet against a tree trunk, and then tack down over it a square foot of half-inch wire netting. This enables any bird to get a meal on the spot, but prevents the selfish fellows from carrying off the entire banquet at once.

Making a Pumpkin Grow

Feeding sugar solution to a pumpkin, thereby causing it to grow at an astonishing rate, is the novel experiment which has been performed to demonstrate that certain plants can be made to develop with great rapidity with the aid of proper artificial-food stimulus. In four days the pumpkin in question increased in size many times, says a writer in Popular Mechanics.

Very simple apparatus was used. A healthy young pumpkin was selected, shortly after it had begun to be well formed; with a sharp knife two incisions were made in the stalk close to the fruit, care being taken not to break the stalk or penetrate it clear thru. Into these holes the ends of two lamp-wicks of proper length were so inserted as to be secure. The other ends of the wicks were immersed well down into a sugar solu-

tion, contained in two jars set in the ground close by the fruit. The solution was made by pouring into the water-filled jars as much sugar as would eventually dissolve with periodic stirrings. The apparatus required no attention except that the jars had to be replenished daily, so great was the amount of sugar and water taken up by the pumpkin. Accurate account of the weight was kept by means of a small scale set on the ground near by. Before the experiment began, the pumpkin weighed 6 ounces and after four days of fattening, it was as large as one that has been weeks in maturing.

Boys Will Like This Puzzle

Here is represented a position on a baseball team. Packages of postcards will be given to the five boys and girls sending the most neatly written correct answers. Address Puzzle Editor, the



Farmers Mail and Breeze, Topeka, Kan.

The answer to the puzzle in the November 17 issue is "Fillmore." Prize winners are: Clara Rhoades, Kanorado, Kan.; Otis Sturgeon, Kingman, Kan.; Verla Baird, Wakefield, Kan.; Beth Beckey, Linwood, Kan.; Harvey S. Johnson, Scandia, Kan.

Hears Roar of Both Oceans

A remarkable demonstration of the wonderful telephone network which extends over the entire United States was recently made for the benefit of Lord Northcliffe and his party on the occasion of their visit to the offices of Theodore N. Vail, president of the American Telephone & Telegraph company, in New York City, says the October issue of the Electrical Experimenter.

A point of historical interest was the listening by the distinguished visitor to the roar of the Atlantic and Pacific oceans simultaneously. A telephone instrument was connected to the transcontinental line reaching to San Francisco where the line had for the occasion been extended to a telephone transmitter on the shore of the Pacific at the Golden Gate. Another telephone was connected to a line extending to a transmitter on the shore of the Atlantic. Thus by placing his ear to one receiver and then to the other, Lord Northcliffe was able to hear first one ocean and then the other, and by placing a receiver to each ear he was able to hear both oceans simultaneously.

In this remarkable telephone line there are two physical and one phantom circuit and in each physical circuit there are two wires and 6,800 miles of hard drawn copper wire. There are 870 pounds of copper wire in each circuit mile and 2,960 tons in the entire line. The line crosses thirteen states and passes thru Salt Lake City, Denver, Omaha, Chicago and Buffalo, with a branch that runs thru Pittsburgh, Washington and Philadelphia. In the main line there are 130,000 poles.

The power that sends the human voice out over the telephone is scarcely greater than that of a breath, yet it can be picked up by a delicate instrument, conserved over a distance of 3,400 miles, and reproduced perfectly and instantly across the continent.

Every cellar of vegetables is a trench of food preparedness.

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At Christmas especially everything associated with the buying of a Columbia Grafonola is pleasant. There are delightful secret conferences sometimes—little talks about how happy every one will be as the songs and music are played on Christmas morning. You will be sure to enjoy every minute of the time while you are in the store

where the Grafonola is sold.

In the store is the place for deciding what type of Grafonola to buy. There you will see different instruments from \$18 to \$250. You can hear them and you can play them and you can compare them. You can choose the type of instrument you like and the finish that will suit you best. You can arrange how the payments will be made.

Whatever the figure you are planning to pay for a phonograph, you will be delighted at what you will see and hear in a Columbia Grafonola at that price.

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To Win With Poultry

At Least Six Pullets, Girls Say

BY BERTHA G. SCHMIDT,
Secretary.

YES, I think it would be fine for girls who have fewer than six pullets to be permitted to trade some of their cockerels for pullets. I want every girl to have the same opportunity in the contest I have."

That is the kind of expression which has been coming from the members of the Capper Poultry club. Only three voted "no" on the question and the reason why they cast the vote thus was because of a misunderstanding rather

they had been planning for several weeks. Altho it was possible for only three of the four girls of the county to attend, it was a good, social meeting. Ava Whiteside furnished musical selections and then the girls took a hike to the woods, gathering persimmons and finding bittersweet and other buds. They climbed the rocks and cliffs and thoroly enjoyed this opportunity for nature study. Just when they were preparing to make a trip to the coal pit, Anna Wunderly's and Golden Nichols's brothers arrived in a car and they were whisked off to their homes. The next meeting will be at the home of Margaret Bean. At this time the girls will have their pictures taken, which they could not arrange for at the last meeting on account of the cloudy weather, and you will soon have a glimpse at them thru the Farmers Mail and Breeze.

The picture shown this week is of Marjorie Smith of Rice county and her little brother, Clyde. Each is holding one of her Rose Comb Rhode Island Reds.



Marjorie Smith and Her Brother.

than a desire to stand a better chance of winning than the girls with few pullets.

As stated in the letter which was sent to every member of the Capper Poultry club, some of the girls were unfortunate in finding that their flocks were composed chiefly of cockerels. It is desirable that every girl should have at least six pullets to pen for her own breeding stock. According to the vote of the club, girls having fewer than six pullets may trade enough cockerels to make their number of pullets six.

No doubt, you would like to have some information about the contest chickens, gleaned from the cards returned by the members of the club. There are 22 girls who still have their flock of 20 contest chickens; seven have 19; 15 have 18; seven have 17, and the rest of the numbers varying from one to 16. The girls who have only one, two or three chickens but are still going on with their contest work, aiding their county leaders in every way possible, sending in farm flock reports and attending meetings, are showing the right sort of helpful spirit. All of this, despite the smallness of their flocks, is giving them good experience for the new contest, which, let me assure you, is going to be better than ever.

The Capper Poultry club is now composed of 223 girls, representing 85 counties. There are six breed clubs with memberships as follows: Plymouth Rocks, 73; Rhode Island Reds, 50; Leghorns, 43; Wyandottes, 26; Orpingtons, 19; Langshans, 7. Then there are five girls who have one of the following breeds: Anconas, Single Comb Buttercups, Silver Spangled Hamburgs, Light Brahmas, Single Comb Black Minorcas. I wish I could tell you the number of chicks in each club as well as the number of their mistresses, but as some of the girls failed to send in their voting cards, this will be impossible. You are, however, soon to hear more of these breed clubs, for the president of each club is going to be given an opportunity to "talk up" her breed thru the columns of the Farmers Mail and Breeze, telling all of its good points.

Margaret Todd of Clay county has become so attached to her little flock of chicks that she finds it hard to part with any of them. "I had a pet rooster named Dan," she writes. "I sold him to mamma so I wouldn't have to part with him." Margaret's other favorites are named Arthur Capper, Mary and Beauty.

Mildred Gardiner of Ottawa county is going to exhibit a pen of her contest chickens at the poultry show at Minneapolis, December 11. "I hope I win a prize," Mildred writes. "I will have the chickens scored and find out how good they are. I am going to try to have my picture taken with the chickens some time this week. I hope it won't be too dark this time."

A cloudy and rainy day did not prevent the girls of Bourbon county from holding their November meeting, which

Boosting the Poultry Products

An unprecedented demand for poultry and eggs is one result of the war. Poultry products take the place of other meat foods which are either scarce or so high that many families must give them up.

True, poultry and egg prices are high, but even with the high prices for grain, poultry and eggs can be produced cheaper than other meat foods cost. This fact, and the fact that eggs are produced daily, and chickens are of marketable size in a few months, is an incentive for the government to urge all classes of people—on the farms, in the villages, and in the city back yards—to produce an abundance of poultry and eggs for food.

Great results have already been accomplished, and the coming year will find the poultry yard and the war garden going hand in hand. I believe that many people who have not given much attention to poultry will have their own chickens, just the same as they raised their own vegetables this year.

What about the state fair poultry departments? This year the exhibits were about the same as in former years, except that in the classes of what we call popular varieties—the good utility varieties—the number of entries appears to be growing less. While there are some exceptions, as in the single comb White Leghorn class at the Kansas Free Fair at Topeka, yet, as a whole, this condition prevails at nearly all of the state fairs.

In speaking of the poultry display at the Oklahoma State Fair, John Fields said, "There was not the big showing of real utility poultry that there should have been to reflect the importance of this industry, and the interest of farmers in it."

That's the situation exactly. And it is a condition that must be remedied if the state fair poultry exhibits are to be of any real value to the advancement of the industry. It appears that the "car lot" exhibitor has had his best day. These exhibitors of "57 varieties," crowded promiscuously in the show coops, have been pretty much the whole show at the fairs for several years. But conditions are changing. The state fairs will have to meet the new conditions, and when they do, poultry production will have another boost. The management of the Missouri State Fair recognized this, and refused the entries of the so-called huckster exhibitors this year.

Today artificial hatching and brooding of chicks is more important in connection with poultry production than it ever was. Yet for the past few years the advantages of the artificial methods have not been proclaimed as they were 10 years ago. I recall when the latest hatching and brooding equipments were an important feature at the leading poultry exhibitions and fairs. But now it is a rare thing to see a display of this kind. I hope, for the benefit of the poultry growers, that manufacturers will again display their machines at places where large numbers of people interested in poultry culture are brought together.

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ARTHUR CAPPER, Publisher

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Do You Like a Good Story?

"The Idyl of Twin Fires," by Walter Pritchard Eaton, the delightful and absorbing story of a young college professor who decides to turn farmer and ends by falling in love, is appearing in The Weekly Kansas City Star.

This great farm newspaper prints about three such stories a year. Each one of them in book form would cost \$1.35, but the whole year's subscription to The Weekly Kansas City Star costs only 25 cents. If you like good stories, send a quarter to the Subscription Manager, 126 Star Bldg., Kansas City, Mo.

Money from Dairying

Judging a Cow's Capacity

BY C. G. HUMPHREY
University of Wisconsin

A deficiency in one part of the cow's body is usually accompanied by deficiencies in other parts which one ac-



A cow with good dairy qualities.

quiring the art of judging should soon learn. An expert is able to judge the character of an animal quite accurately by taking careful note of the head.

A long, narrow head, for example, is usually accompanied by a long, narrow body. Good length of body is desirable in a dairy cow, but a narrow body detracts from digestive capacity. A narrow head usually has small eyes and nostrils and a small mouth.

A small, dull, listless eye expresses inability to do satisfactory work. Small nostrils indicate contracted lung capacity and poor constitution. A small mouth usually goes with small digestive capacity. Marked coarseness of bone, hide and hair are indicative of low productive capacity. Heavy, coarse bones over the tops of the shoulders, at the hip points, pin bones, in the tail and legs, are marks of poor dairy temperament.

A body which is short and lacking in depth due to close, short or straight ribs, is objectionable because it detracts from the capacity for feed. The legs of an animal often appear long on account of a small body. The floor of the chest of a cow should be down to a point half way between the knee and elbow joints of the fore legs.

Deficiencies which are common to the hind quarters of the cow, include shortness and narrowness of rump, a drooping rump, narrowness between the thurls and pin bones, and thickly fleshed thighs. Narrowness in the hind quarters, especially at the thurls and pin bones, is accompanied by thighs and hind legs which are too close together to permit proper development of the udder. A short rump and thick, heavy thighs are objectionable for the same reason.

There is practically always opportunity for criticising an udder on irregularity of quarters, handling quality, or attachment. An udder does not necessarily have to score perfectly to be capable of making a large production of milk, but it is desirable to have it large in proportion to the size of the cow and extend high up behind and well forward in front, with the quarters equally developed and of pliable

handling quality. Teats which are too short, too close together or irregularly placed and inconvenient for milking, are often noted.

It is impossible to define perfection in the mammary veins, owing to the great variation in their development. Small, straight veins extending only a short distance forward from the udder and having very few, if any, branches, are characteristic of the veins on poor cows. A network of fair sized veins entering two or more wells on each side of the body, may be considered equal to larger and more prominent veins without branches and extensions. The question is often raised as to why these veins should be crooked. Perhaps no more satisfactory answer can be given than for the reason that such veins are commonly found on the best cows.

It is further conjectured that a crooked network of veins indicates the most efficient system of small arteries and veins about the little cells of the udder where the blood gives up the elements which make the milk. The mammary veins should be examined carefully for the reason that in cows considerably advanced in lactation and in young heifers, the veins are never so prominent as in the cow which is in her prime and at the high yielding stage of her lactation. To be able to take into consideration all of the deficiencies of the cow and balance them up against her good qualities, and thus



Large, well balanced udders.

arrive at her real worth for dairy purposes, constitutes the true art of judging the dairy cow.

Noted Jerseys on New Records

Sophie 19th of Hood Farm, World's Champion Jersey with six records to her credit running as high as 17,557.7 pounds milk and 1,248.8 pounds butter, is now on her seventh. In spite of her advanced age, she has produced in 241 days 12,456.6 pounds milk containing 635.02 pounds of butterfat and probably will make a record of over 1,100 pounds of butter in the year.

Spermiel Owl's Eva, another World's record Jersey, who has been many times on test and produced as high as 16,457.4 pounds milk and 1,241.5 pounds butter in one year, is now being tested and is milking 63 pounds a day, about 7 1/2 gallons, testing 5 per cent fat.

Lass 73d of Hood Farm, former senior 2-year-old leader, has just completed a 4-year-old record of 12,963.4 pounds of milk containing 745.12 pounds of fat.

Cows That Made 40 Pounds

These tables give the records made last month in the Montgomery County Cow Testing association, as reported by George L. Eichler, official tester, and E. J. Macy, county agricultural agent:

Owner	Fat 40 Lbs. or Better	Milk in Month
T. M. Ewing.....PH	50.91	1595.9
G. R. Wheeler.....PH	49.25	1201.1
H. N. Rice.....GJ	49.00	942.4
Robinson & Schultz...PH	43.75	1286.0
A. J. McConnell.....GH	43.10	1077.4
W. N. Banks.....PJ	43.09	1133.9
Robinson & Schultz...PH	41.12	1285.0
G. R. Wheeler.....PH	41.00	1266.7
F. E. Johnson.....PH	40.00	1140.8
Robinson & Schultz...PH	40.00	1237.0

Owner of Herd	High Cow Fat	Milk
T. M. Ewing.....PH	50.91	1595.9
G. R. Wheeler.....PH	49.25	1201.1
H. N. Rice.....GJ	49.00	942.4
Robinson & Schultz...PH	43.75	1286.0
A. J. McConnell.....GH	43.10	1077.4
W. N. Banks.....PJ	43.09	1133.9
F. E. Johnson.....PH	41.12	1285.0
P. S. Campbell.....GJ	39.73	827.7
J. R. Liddle.....PJ	38.28	832.2
G. H. Ross.....PH	34.69	963.5
A. G. Stevens.....PJ	38.41	806.9
D. W. Kahill.....GH	30.78	1026.1
Ed. K. Owen.....GH	28.90	688.2
S. W. Douglass.....GJ	25.81	561.1
Palmer & Barragar...GS	23.60	621.0
John Lange.....GS	20.38	536.3
W. W. Castillo.....PH	20.82	573.7
J. Hagner.....GJ	20.20	656.5
J. A. Dunan.....GH	36.28	954.8
J. W. Miller.....GS	21.12	440.2

Anyway the shortage of sugar will teach some folks how good many things taste without it.



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When you have decided on just what you want, the Curtis dealer can help you with the detailed plans for your home. He will maintain an interest in your home until you move in and find it satisfactory.

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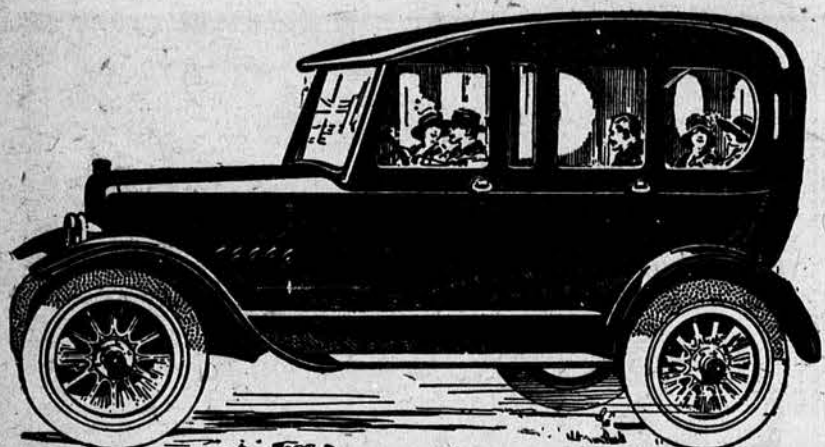
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FIVE FRIDAYS

BY FRANK R. ADAMS

Author of "The Time, the Place, and the Girl"

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WHAT HAS HAPPENED.

Montmorency Blaney, a dramatic critic, is being entertained by Lucile Green and her mother at their cottage on Green's Island. Lucile has been reading a book by Lipton S. Clair, which advocates periodic fasting. Lucile proposes that they try the experiment for a week, and has all of the food removed to the mainland. Montmorency consents only because his rival, Frank Bopp, is coming to visit the Greens. Bopp refuses to join the starvation squad when he arrives. But his attempts to reach the mainland are balked by the motor boat breaking down, and the telephone going out of commission. When the instrument is at last made to work, the water is too rough for the boat to bring provisions. Suddenly Mrs. Green disappears.

Blaney receives a telegram over the phone from Vida Dunmore, an actress he has praised. She says that she is coming to marry him. Believing Montmorency untrue Lucile promises to wed Bopp if that young man will find her mother. A steamboat with Miss Dunmore and four men on board is wrecked off the island. Montmorency saves Vida, and the others swim ashore, among them Lipton S. Clair. Mrs. Green telephones from Huntingdon's, a small island three miles away. A newspaper reporter calls up Green's Island, inquiring about an earthquake supposed to have occurred in the vicinity and the mysterious conduct and whereabouts of Mrs. Green.

The Modest Man.

WHEN I went out, after leaving the reporter holding the wire, so to speak, Tootles begged to go with me, and I let her out. Who am I to deny the pleasures of liberty to a fellow creature, no matter if her knowledge of language is confined to wigwagging with a short, stumpy tail?

From the way she raced off up the beach and conducted imaginary skirmishes with every prominent bush or rock, I inferred that she was not ordinarily allowed to consult her own wishes about staying indoors.

Dogs are supposed to be faithful companions to man in his dark hours, but this one was just about as faithful and companionable as a grasshopper. In the pictures the faithful hound puts his nose on his bereaved master's lap, looking up at him with great, devoted eyes that mutely offer unselfish and unquestioning love.

Any one attempting that pose with Tootles must first consult a taxidermist. All of which is by way of saying that we became separated and lost, especially Tootles. I whistled and otherwise implored the little devil to come to me. I even mentioned her as a "nice doggie" out loud, with a muttered "damn" beneath my breath.

After a while I gave it up. It isn't dignified for two hundred pounds or more of man to chase ten pounds or less of dog. I reflected that she could not have gone very far, and probably would return to the house anyway.

I only hoped that Lucile would sleep until Tootles tired of hunting imaginary prey in the underbrush and come home. Chasing game is a futile pastime for Tootles.

If a good, husky rabbit ever met her in a pasture and said "Boo" to her, Tootles would expire of fright.

I think it's a shame the way dogs have been converted into costume accessories by women. However, I do not think it wise to express myself fully on this subject.

When I had definitely given Tootles up I turned my attention to the undeveloped food supply which I had discovered earlier when walking with Vida. There were hundreds of fresh-water clams on the beach, and it was possible to dig them in the cove when the water was not particularly rough.

I spent the afternoon wading, compensated for the cold discomfort of the performance by the thought that by providing food I would win back a large share of the favor I had lost with Lucile. Not that she would admit that she needed food. Not she.

No complaint had left her lips, but I knew that the sight of a soda-cracker would make her break down and weep like a child. I knew because I felt that way myself.

Vida and Lipton S. Clair strolled by while I was wading.

"Are you still looking for Mrs. Green?" Clair asked, as I fished under water cautiously.

"No," I replied shortly. "I am teaching a pet fish to swim."

"You look as though you were taking one of those barefoot cures."

"I didn't know you could cure bare feet," supplied Vida. "By the way, Mr. Blaney, does your ring come off easily?"

"It would from your hand. Do you wish to wear it?"

"Oh, no, not yet—not until I am entitled to. You can begin to work it off, tho."

"Did any one call me up on the telephone?" asked Mr. Clair.

"Yes," I said. "Why didn't you call me?" he demanded crossly. "I haven't been far away."

The self-assurance of this man enraged me.

Here he was, an uninvited guest, complaining that he was not paged as he would have been in a hotel. I won-

dered where he got his ideas of the social relations of modern people.

Who could have spoiled him so? Sometimes the adulation of women will put an ego on the bias that way, but Clair was a professed womanhater.

I only hope that some day he will write a play which it will be my pleasure to review.

I explained in words of one syllable that I had not called him because I did not know where he was, had a sore throat; was under physician's orders not to call any one; my mother had trained me not to yell at strangers, and besides, I never did any calling except on Thursdays.

Vida pointed her finger at me for shame the way children do, and led him away before I could think of anything more.

"Ned says," she smiled at me as they went on up the beach, "that heaven is a place where there are no dramatic critics."

"You tell him from me," I retorted, "that he knows more about heaven now than he ever will from actual experience. Unless," I added, "the girl he is engaged to actually marries him."

She waved her thanks, and trotted on by the fat magazine man's side. Yes, I said fat. There was something about him that was annoyingly fat, possibly his intellect.

In figure he was no more fat than I am, but some way his avoirdupois flaunted itself flagrantly.

He obstructed an otherwise pleasant landscape, and the worst of it was that he would not admit that he was fat.

He thought he was just plump. You could tell by the way that he carried himself that he thought he was just plump.

Why don't fat people give up and admit it instead of lying to themselves and their friends?

I disliked Mr. Clair so thoroughly and heartily for a few minutes that I nearly forgot what I was standing in the lake for, but a numbness about the ankles where my feet should have been attached if there had been any feeling in them, reminded me to stir around a bit unless I wished to become an angel mermaid, regardless of sex.

I invented "angel mermaid" myself. As your own imagination will tell you, "angel mermaids" are similar to hydroaeroplanes, only safer. I gathered up my clams and went back to the house.

With criminal caution I went in the back way so that no one would see what I had brought, and built a fire in the long unused stove.

Then I opened the clams.

The clam is noted in literature for his silence. I wish to add that he is not only uncommunicative, but positively insultingly unsocial.

He is a stay-at-home. I never met any one so reluctant to come forth.

In getting those bivalves to loosen up I ruined two hatchets, a can-opener, a thumb, and an already frazzled temper. But they did come out finally.

If the clam is doggedly persistent, put me down as doggedly persistent.

I am no cook, but I knew that those clams would never do to be eaten in their natural state, especially after I had finished interviewing them, so I decided to give them the star part in a bouillon.

The other ingredients were plain water and distilled water.

There wasn't enough of the distilled water left, so I filled it up with common or garden variety. A few microbes would undoubtedly make it more nourishing. Besides, I was anxious to pit something against those clams.

Give them a fair deal and I'd back them against anything that inhabits the water except a submarine.

Lucile came down-stairs while I was in the kitchen, but she did not come out where I was.

I heard her asking some one in the living-room, "Who left the telephone off the hook?"

There was a mumbled reply in the voice of Captain Perkins which I did not catch. Lucile apparently put the receiver back in its place, because presently the telephone-bell rang and she answered it.

"No," I heard her say. "Mr. Clair is not here." Then, after a pause, "No, Miss Dunmore isn't here, either. Whom shall I say called? Oh, you don't wish them to be notified? Very well."

There was a click as of the receiver being placed on the hook.

I came in from the kitchen. Lucile greeted me pleasantly enough when I asked her how she had enjoyed her nap.

"I don't think I've been asleep," she denied. "I just rested, that was all."

I did not tell her that I did not believe her.

You have noticed yourself how a person who can sleep soundly thru a thunderstorm or a piano-tuner's convention will tell how the slightest sound banishes their restless slumber.

"Your mother called up," I said.

"Called up?" Lucile repeated. "How could she?"

No, she was not any more surprised than that.

"From Huntingdon's Island," I explained, and went on to tell what I knew of Mrs. Green's experience. "She has no right to frighten me so," Lucile exclaimed, with the righteous indignation of one whose sympathies have been wasted.

Also Lucile selfishly disregarded my sufferings. Also those of Bopp. His emotions, I imagine, were chiefly confined to his digestive apparatus, but I suppose they must be classed as sufferings just the same.

I pointed out to Lucile that her mother had been thru a tremendous adventure and had escaped only by a miracle. "What possessed her to do such a thing?" Lucile was as petulant as a half-awakened child.

"I had a brother once who used to walk in his sleep. There was a zebra that—"

I interrupted Captain Perkins. "Your mother was scarcely responsible," I said. "My brother was that way," chimed in the real-estate captain. "You never could tell where you could find him nights. But the time that the zebra bit him was the curiousest, I allow."

"The zebra bit him?" Lucile's interest was aroused.

The captain settled himself to tell his favorite tale, but did not get started because Vida breezed in with a rather shamefaced Clair in tow.

She came directly to me. "I'll take that ring, please," she said. "Do you really want it?"

"Certainly; I am entitled to wear it."

"Of course she ought to have your ring," urged Lucile. "That one will do until you can get her something else. May I congratulate you, Miss Dunmore?"

"Has Mr. Blainey told you about it?" Vida asked, naturally surprised that a third party should take an interest in a jesting wager.

"He didn't need to," Lucile smiled. With Clair present I could hardly explain that Miss Dunmore had won my ring because she had made him propose to her. Thus I allowed myself to be misunderstood once more.

I retired as gracefully as possible to the kitchen, to be followed there shortly by Lipton S. Clair, who seemed to be in an agitated frame of mind.

"May I speak with you alone?" he demanded, cautiously looking first right and then left like a stage villain.

"You will never see me more, I am sure, than in your company," I returned, stirring my clams.

"Have you ever been engaged?" He actually blushed as he said it.

"Why, yes"—I was inclined to be reminiscent chronically. "I've been engaged ever since I was about sixteen years of age. Do you care to listen to the history of my romances?"

"No, no," he reiterated, "not now, not now."

"All right, all right." I was not to be outdone in lavishness of language. "Say no more about it, say no more about it."

"What I want to ask," he began hastily, choked by emotion and by one of my collars, which was a quarter-size too small for him—"what I want to ask is, how do you break off an engagement?"

"You have me there," I replied, putting more wood in the stove. "I never broke off an engagement in my life. Some one else always broke my engagements for me."

"You mean you were jilted?"

"That's a short, ugly word," I mused, tempted to put him in with the clams. "But 'twill pass—aye, it will serve."

"But I am afraid I won't be jilted," said Clair thoughtfully. "You see, I am a very desirable match."

"We thank you for the implied compliment," I bowed, and picked up a piece of cord-wood.

He went on obliviously: "I am a woman-hater. The ornamental sex has no place in the world of a man of genius. All my life I have escaped, and here on a bleak, inhospitable island where there are only two women, I am trapped by one of them."

"I take it that you are engaged to Miss Dunmore," I hazarded.

"Practically," he retorted glumly. "She trapped me into a sort of a proposal. I didn't know what I was saying."

"And she accepted you?"

"Not yet," he replied; "but there is no hope; she will. I don't suppose she has met many men of culture among her associates, and I imagine I am a novelty to her."

"Man," I said admiringly, "you'd be a novelty to any girl."

"Thank you," said he absently. "But what can I do now?"

"Why," I explained innocently, "when you get on the mainland you get a marriage license, and, unless you prefer a church wedding, I would suggest that you hunt up the justice of the peace and get it over with. I don't believe in long engagements myself."

I was perfectly willing to tease this pedantic braggart. We owed him something for that fasting article, anyway.

"But I don't want to marry any one," he cried. "I must not sacrifice my career to romance and sentiment. I belong to the world. There must be a way out."

"If you don't want to marry Miss Dunmore, why did you arouse the spark of passion in her innocent breast?" I demanded.

"I don't know." He writhed in mental anguish. "I didn't dream that I was even being agreeable to her."

"Some women are more attracted by indifference than by attention," I comforted. "Others are fascinated by downright brute violence."

"I suppose there must be some charm about me that I did not dream of," he mused modestly. "Don't you think she could forget me if she did not see me for a long while?"

"I'm afraid," I sighed, "that, having once met you, no girl could ever forget you."

"Come now," he said sharply, trying to detect a smile on my face; "it isn't as bad as that. If I could get

away and write her a letter saying that I had been taken down with some illness and could not, as a dying man, hold her to her promise, that would solve the difficulty."

"Rather a nifty idea," I commented, "but, as a novelist, you must know that the heroine always flies to the bedside of the stricken hero and nurses him back to life. There is no use; Miss Dunmore would not allow you to die."

"No, I suppose not."

He abandoned this scheme reluctantly. Another thought brightened him.

"The getting away part of it is all right. If I did that I could get put in jail, or something like that, where she couldn't possibly see me. While I was there I could write an article on prison reforms."

I heartily indorsed this scheme. The idea of seeing him in prison appealed to me personally.

The colossal blindness of a conceited fat-head like that trying to get away from a charming, sweet young girl like Vida alienated him from human consideration.

He mused a moment. "I'll do it," he exclaimed. "If I don't show up, mum's the word."

"You can't get away," I reminded him. "There's no boat."

"I forgot to tell you that I am the champion swimmer of the Brooklyn Athletic Club. I'll strip to my underwear and it will be child's play to me."

Strangely cheered, he let himself out the back way and left me to the silence of my clams. I suppose I should have restrained him by force, but I had no idea that he really meant it.

Tootles Gone!

I LEFT THE clams to their own devices for a while and went back to the living-room.

Vida was there idly taking impressions from my seal ring on some soft kneaded rubber that lay on Lucile's desk. Lucile herself was not in sight.

The captain and the best cook who ever ran a marine engine were sunk deep in the gloom which surrounds the non-reading man when cut off from his kind and his employment.

"Well," said Vida, when I stood over her like an accusing judge, "what have I done now? Shouldn't I play with this rubber this way?"

"You know what you've done," I said sternly. "You trapped Lipton S. Clair into proposing to you."

"There's nothing wrong about that," Vida protested. "How do you suppose any man ever proposes? You have to trap them. Were you under the impression that adult males went around looking for a chance to pay for some one else's board and millinery and hosiery and all that sort of thing? No, sir; the masculine mind is very wary. That's why we women have to be so much brighter than the men. It's a case of self-preservation."

"Anyway, you scared the wits out of Clair."

"What's the matter?"

"He's afraid you meant it. He's going to try to swim to the mainland in order to get away."

"What! Swim to the mainland?"

"Yes. He's a woman-hater, as you know, and he's afraid to face you."

"Good Heavens! He must not do that," Vida was genuinely concerned. "What can I do to prevent it?"

"You might tell him that you are engaged to some one else. That might reassure him."

"I will," Vida got up determinedly and went to the door. It was dark outside, and she turned back for directions. "Which way did he go?"

"Right down to the shore, I think," I said. "He seemed a trifle dazed, tho, and might have wandered."

"Funny thing," interjected Captain Perkins, the way a feller will wander sometimes. My brother, he used to walk in his sleep. I was goin' to tell you where the zebra bit him that time."

"Yes," said Vida eagerly, "tell us where the zebra bit him."

"You'll have to hurry to catch him," I interrupted, "or it will be too late."

I literally pushed her out of the door and shut it after her.

The telephone-bell rang.

"Hello!" I answered it.

"Hello! This is Blainey. Is Clair there?"

"No, he's not here now."

"Then let me speak to Miss Dunmore, please."

"She isn't here, either," I explained. "Oh, they're out walking together again, I suppose," said my namesake sarcastically.

"No, not walking," I said; "swimming."

"What! At this time of night?" he yelled. "Not both of them. Vida can't swim."

"Maybe he is teaching her how," I suggested. I didn't know of any reason why I should ease his mind, anyway. A little jealousy would be good for him.

"Oh!" He took the blow like a man. Then I heard him say "Goodbye," and I hung up the receiver.

Lucile confronted me when I turned around. "Do you know where Tootles is?"

I had forgotten about the pesky six-inch canine.

"No, I don't know where she is," I replied, with strict adherence to the truth. "Isn't she here?" I added guilelessly.

"No, and I'm dreadfully worried. There are so many strange people in the house that some one may have let her out, not knowing how careful we are with her."

"What would happen if she did get out?" I questioned, determined to know the depth of my crime.

"Why, lots of things. She might get lost and starved or get her feet wet and have pneumonia, or a hawk might carry her off."

At this moment the unspeakable Bopp entered. He made a great show of weariness, dragging his feet as if they were too heavy to lift.

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"Have you seen her?" demanded Lucile. "No," Bopp said wearily. "I've tramped all over the island again and again. There's no ravine, no gully, no bush that I haven't investigated. She must have left the island."

"She can't swim," moaned Lucile. "Her little legs are too short and her fur would get in her eyes." "What?" Bopp yelled. "Fur get in her eyes? What are you talking about?" "Tootles is lost," I threw in by way of explanation.

"Tootles?" said Bopp, bewildered. "I've been looking for Mrs. Green." "Oh, she's been found," Lucile explained.

"When?" "Oh, hours and hours ago. She telephoned Mr. Blainey. She got in Mr. Kent's rowboat and was blown to a near-by island."

"You knew where Mrs. Green was in the middle of the afternoon," raged Bopp, turning on me. "and you didn't tell me, but let me tramp my feet off looking for her? Here I am, dying of weariness and lack of sleep, when a word might have saved me."

While he was glaring at me Kent strolled in. "Say, Mr. Bopp," Kent said curiously, "will you tell me one thing?"

"Why, certainly."

"How did you ever come to find that shelf on the cliff where you were sleeping all the afternoon? I passed you a dozen times, and I'd never have seen you at all if I hadn't heard you snore."

Thru the Attic Floor.

VIDA CAME in carrying a pair of shoes, a coat, a pair of trousers, and a hat.

"He's gone," she said briefly. "As soon as he saw me coming he dived into the lake and swam off rapidly. He looked back from time to time, but I couldn't make him hear."

"He was afraid you would swim after him," I explained. "Are you in the market for old clothes?" I indicated her burden.

"No; these are his. He left them on the bank and I thought I might as well bring them in. I suppose he will be killed."

"Who?" asked Lucile and Bopp in one breath.

"Mr. Clair," Vida answered. "He is trying to reach the mainland by swimming."

"Oh, the brave fellow!" Lucile exclaimed. "He is risking his life to get supplies to us. To think that I didn't like him very well at first!"

I explained gently that if Mr. Clair ever reached the shore, which was very doubtful, he probably would never think of us again, or if he did it would be only to recall a very unpleasant experience which he would endeavor to banish from his mind.

"I wish I knew where Tootles is," worried Lucile.

"So do I," I added fervently. I don't suppose that any one wished it any more than I did.

"She must be in the house," Vida said.

"I've looked everywhere," Lucile declared despondently.

"But she is such a little doggie," Vida insisted. "She might hide herself in a valise or an old box, or she might even get inside the walls. Is there an unfinished part of the house in the attic where she might get in under the floor or between the inner and outer walls?"

"Why, yes, there's an attic," admitted Lucile, encouraged. "I went up there and whistled, but I never thought that she might get in under the floor. Come on, let's look."

We all mounted to the attic, where in repose the usual treasures of discarded and broken furniture, ancient magazines, trunks, and cobwebs, all bathed in a hot, dusty atmosphere.

"I'll whistle," Lucile said, "and then we'll be just as quiet as possible. If she's here she'll answer me."

"Answer you? Can she whistle, too?" asked Jim, the frying-pan engineer.

"No, of course not. When I whistle, if she's alive she'll whine and bark."

"Oh!"

"Shut up, Jim. Let her whistle," commanded Captain Perkins. "I never knew but one girl who could whistle good, and after a dentist pulled one of her front teeth she couldn't any more."

"Sh," Vida said, laying a hand on the sea-dog's arm.

After a pause, Jim asked: "Why don't she whistle?"

"She's tryin' to," explained the captain, who correctly interpreted the facial gymnastics which Lucile was performing.

"Maybe she ain't got enough steam in her boiler," Jim was earnestly endeavoring to be helpful.

"No, from the way she looks, I think she's bust something," said his superior officer.

At last a faint hissing sound came from Lucile's puckered lips. No right-minded dog would ever have recognized it as a summons to heed, but I heaved a sigh of relief—I knew at last that Lucile was safe, anyway.

After a pause, Lucile asked, "Did you hear anything?"

"Not yet," Jim replied. "Why don't you try singing thru a comb?"

"I meant, did you hear Tootles bark?"

"No, ma'am."

"Then she's dead."

Lucile nearly broke down. She looked around for a bosom on which to weep, but scorned both Bopp's and mine. "I loved her so."

There was a whispered consultation between Captain Perkins and Jim, and Jim tiptoed down-stairs.

"Maybe if you tried again," said the captain to Lucile, "the pup might hear you. You didn't whistle very loud the first time."

Lucile whistled again with a considerably more audible result.

We all listened.

There was a faint whine and a short, sharp, but distant bark. I presume that I was the most surprised person in the party.

"There she is," Vida declared. "I thought maybe she was up here."

"But that doesn't sound like Tootles," Lucile objected.

"It must be," Bopp announced this masterpiece of logic. "There isn't any other dog in the house, is there? Probably her voice sounds different far off."

"And probably she is panned in somewhere and frightened. That might make her sound different."

"Ah, why did I have that idea, and why, having it, did I not conceal it in one of the recesses of my brain instead of voicing it to all!"

"Oh, my poor Tootles!" Lucile began picturing her pet suffocating. "Maybe she is dying—or dead already."

"Whistle again," directed the captain.

Lucile made several ineffectual attempts, but failed. "I can't," she declared. "I have to cry."

"Let me call her," I interposed.

As a boy I used to be able to make considerable racket by blowing on two fingers held at the proper angle in my mouth. I tried it with gratifying results. I must have been heard on the mainland.

The reply was immediate—short, snappy barks still a long ways off, but very reassuring as to vigor and delight.

"She's right under us," Lucile cried.

"No, over by the window, I should say," argued Vida.

"Poor darling, she has forgotten how she got into the place, and she thinks some one is keeping her cooped up on purpose. Please, Monty, keep on whistling. She does recognize you, and she'll know that help is coming. We must take up the floor."

In her excitement and time of need she had turned to me and not to Bopp! I didn't know how Tootles, whom I had last seen dashing up the beach amid a cloud of sand, could possibly have managed to get under the attic floor, but Lucile had called me "Monty," and reason dismounted from her throne and carnival was king.

I whistled blithely, piercingly, joyfully, coaxingly, and whenever I paused the barking rewarded me.

"Tear up the floor," Lucile ordered.

"We can't let her stay there any longer."

"Haden't we better see if she won't come out by herself?" the captain asked tentatively. "It seems a shame to tear up that there planking."

"Not for Tootles," Lucile replied.

"What do I care for an old attic floor when my Tootles is in danger? She shan't stay there another minute if I can help it."

She tried to pry up a board with her finger-nails.

"Wait," I requested. "Let me do this scientifically."

I wrenched a leg from an old arm-chair, which had already suffered the amputation of one of its extremities, and, with that as a lever, pried up one of the flooring boards at the end which extended loose over the floor beams.

As the plank came up amid a cloud of dust Lucile gave me a look such as must have rewarded Launcelot from the grand stand after he ran a curtain-pole thru a cast-iron white hope.

We assembled around the hole I had made. No Tootles in sight.

"Whistle," Lucile commanded me.

I obeyed.

Joyful barks, but nothing more.

TO BE CONTINUED.

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To Win a Prize With Corn

Cash and Honors for Boys Who Produced Highest Yields

BY JOHN F. CASE, Club Manager

MORE than 750 boys enrolled in the Capper Corn Club last spring. This army of patriotic food producers made good. Altho badly handicapped by late planting and an unfavorable growing season, early reports from club members indicate that at least 1 million bushels of corn was produced. I feel sure that an average of 140 bushels for every boy is a low estimate, and that would mean more than a million bushels. More than 40,000 acres was planted with Capper corn.

Not only did the Capper club members produce quantity, but quality as well. Winnings were made at both the Topeka and Hutchinson fairs, and many boys won at the county fairs. Joe Kennedy of Jewell county won second at the Jewell county fair, and in order to "show" the contest manager he sent me the ribbon. "In some places my corn will not yield very well," wrote Joe, "but most of the stalks are loaded down with big ears. They are about 10 inches long and matured finely. I will watch in the Farmers Mail and Breeze for instructions about how to select and care for my seed corn." Live fellows like Joe are the ones who develop into champion corn growers.

Marvin Johnson of Hutchinson took second on 10 ears of white at the Hutchinson State Fair, and won the blue ribbon with his tomatoes. Melvin Howe of Wabaunsee county was a prize winner at the Topeka Free Fair. Melvin and his dad, and Harold Howe, his brother, who is a Capper Pig Club member, entertained the Capper "coonless" 'coon club a few nights ago. This club is an organization of Capper employees who have the distinction of having hunted raccoons for two years without bagging anything more valuable than a skunk. "Those Howe kids are go-getters," Con Van Natta, chief 'coon hunter told me. "At 2 o'clock in the morning they were still right up in front leading the way. And Melvin has some of the finest corn I ever saw."

Not every member had good luck. "Just as my corn was coming up," wrote Alva Barton of Ford county, "we had a cyclone and a hail storm, and it just beat my corn into the ground, so therefore, I haven't any corn, but I want to join the Pig Club." Boys with pep enough to keep trying are going to get in on the winnings soon.

Well, fellows, it is time to be thinking about sending the report that will put you in line for the \$25 prize. You haven't forgotten that a \$25 check will be sent to the boy who produces the champion yield of corn grown from the seed provided by Arthur Capper. All you need to do is to measure your best acre. Have someone assist you in the measuring and after the corn is gathered, report the yield to me, allowing 70 pounds to a bushel. No matter whether your yield is high or not, I want you to send a report. This will prove that you are a patriotic food producer. If only the boys who feel sure they will win, report on the contest work, it would be a mighty discouraging thing to be manager of a club. Your corn must be gathered not later than December 15, and the report sent in not later than December 20. If you win the prize a sworn

affidavit will be required. If not, you will not be required to make further report.

And a Prize Pig.

Then there is the fine Duroc prize offered by W. J. Harrison of Axtell, Kan. Every boy who enrolled for competition is eligible to compete for Mr. Harrison's prize. Many boys who did not secure corn provided for our club, enrolled for this prize. Any boy from 10 to 18 years old in Kansas is eligible to send in a report of his best acre yield. The same rules provided for the Capper Club contest must be observed. Mr. Harrison's gilt was valued at \$25, but I am sure that the prize pig will be worth much more than that.

Getting into the Capper Pig Club is the favorite occupation with Capper Corn Club members these days. I suspect we have 100 corn club members enrolled as Patriotic Pork Producers for 1918. The first pig club boy to file his recommendations was Frank White who lives just north of Topeka. Frank's dad came in with the application, and Frank came hurrying in with his recommendations the very next day. "Some pep, old man," I told this 12-year-old hustler. "We will be glad to lend you money to pay for your sow if you need it." "Thank you," was Frank's answer, "but I don't believe I will need to borrow any money. My Capper corn will pay for the sow, and I will have enough left to feed her and the pigs." A number of other club members report the same experience.

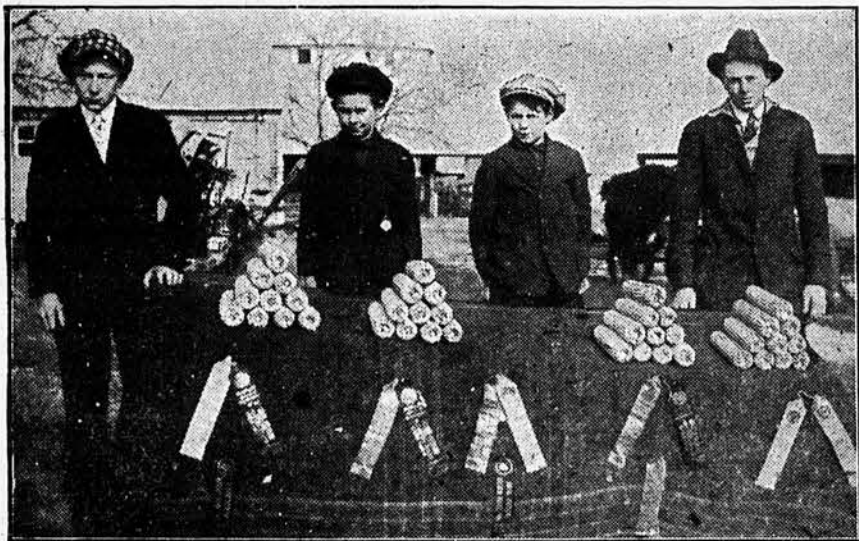
It is unlikely that arrangements to send out seed corn will be made next year. The Capper Corn Club was organized to meet an emergency. We hope that the wheat crop prospects will be so good next spring that there will be no special reason why we should continue the same line of club work. But we still expect to encourage corn club boys, and there will be a chance to line up in the patriotic food producers' league.

Test Before Planting.

"Will my seed corn be good enough to plant next year?" That is the question asked by almost every boy who writes, and it is one that you must answer for yourself. I am quite sure that much of the seed grown by the Capper Corn Club members will germinate well, but it will be unsafe to plant any of it without testing. Our corn was planted later than usual and it had a backward growing season to contend with. Any boy can test seed corn. We will give you instructions for testing seed corn during the winter. This work is being carried on in many rural schools. Select your best ears and place them in a well ventilated place, where mice and rats cannot reach them. Instructions for the storage of seed corn will be printed in the Farmers Mail and Breeze soon. Don't take a chance of selecting seed corn from the crib next spring. Kansas never will become a topnotch corn state as long as that method is followed.

The fact that some of our members have been able to win prizes at the state fairs is convincing evidence that pure-bred seed corn was sent out. Boone County White is an excellent exhibition

(Continued on Page 25.)



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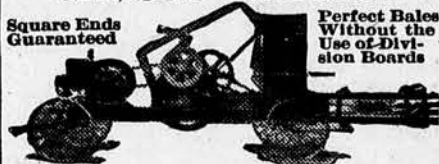
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TOM McNEAL'S ANSWERS

A Drafted Son.

We are a couple of old people, 63 and 60 years of age. My boy, 24 years old and our only support, was drafted. He applied for exemption so he could take care of us as he has been doing ever since he was old enough to do so. We have no income. My wife has heart trouble and I dislike to leave her alone very long at a time. My health is poor. Dr. Duncan of Scott county, Arkansas, ordered a change of climate for me, so we traveled by wagon and team until we arrived at Berryville, Ark. Our son is in Barton county, Kansas, because he makes better wages there with which to pay our expenses. We need him to take care of us in our old age.

Please tell me, if you can, why he was not exempted. We made an application with the county clerk at Berryville and he made application before the county clerk in Barton county, Kansas. We are not able to support ourselves. What shall we do next?

Berryville, Ark.

I do not know what reasons the local board may have had for refusing to exempt your son, but I believe that the reason was that so far as support is concerned, you will receive in all probability more in the way of help while your son is in the service than if he were out of it. Evidently your son has not been taking personal charge of you and your wife, because you say that he has been working out in Barton county while you have been in Arkansas. You do not say what he has been doing or what wages he has received or how much he has been sending you every month, but this is what you and your wife are entitled to receive while your son is in the service: One-half of his minimum monthly pay, or \$15 a month out of his wages as a soldier. In addition to that the government will pay you \$20 a month, making your total income from your son and the government \$35 a month. Your son's pay will soon be increased from \$30 to \$33 a month, so that he will have \$15 and later \$18 more than what the government deducts to send to you. It is optional with him of course whether he sends any part of this \$15 or \$18 a month to you in addition to the \$15 the government requires him to send, but in view of the fact that the government furnishes him with food and clothes, there is no reason why he should spend either \$15 or \$18 a month. He can without any hardship send you \$5 a month additional out of his pay, making your monthly income \$40 a month. Of course I do not know whether \$40 a month is more than he has been contributing to your support, but I would guess from your letter that it is. If so it cannot be said that your son should be excused from service because he is necessary for your support.

Of course the thought of your son going to war gives you pain and anxiety, but in that respect you are only suffering in common with other fathers and mothers whose sons have been called, and that would not be a sufficient reason for excusing your son. Another thing that I do not entirely like about your letter is calling yourselves old when you have only reached the immature age of 60 and 63 years respectively. Men and women at those ages should be in their prime. Of course ill health makes a difference, but Good Lord, don't call yourself old when you are only 63. You ask what else you can do about your son's case. I do not know but am of the opinion that you cannot do anything.

Illegitimate Child.

My brother died 18 years ago leaving a wife, who had an illegitimate child 3 years old at the time of marriage. This child has gone by his name ever since. Does this make her his lawful heir to an estate his father and mother left at their death nine years ago?

SUBSCRIBER.

The mere fact that the illegitimate child went by the name of her stepfather would not make her his heir. If he adopted her or if she was his natural child, the illegitimate, she would inherit the same as his children born in lawful wedlock.

Family Troubles.

I am living with my second husband. I am his second wife. He has two bachelor maid daughters. I told him before we were married that I would not live with his girls. He said that he would build a house for them and they would never bother me. He also deeded his land to his children at his death; he said that in two or three years he would buy us a place, but never did. I would treat the girls right and would love for them to come and be with us part of the time. They live in the yard with us and complain about everything we do. They don't want my husband to help me milk or do anything else for me. I sell cream and eggs and buy my clothes and other things.

They do nothing to help maintain themselves. My husband buys them everything and pumps water for them. They are not very strong but do not exercise their muscles enough to make them strong. They come in my house and quarrel with me and slip in when they know we are out.

Now this unnerves me so that I do not feel that I can stand it much longer. I do not like to quarrel and I never gave them a cross word except when they began on me. Have they a right to come in our house when we are out, at the same time being so mad at me that they would not speak? What course shall I pursue to make them quit fussing at me? I do not wish to leave my husband, but feel that I cannot live in the yard with the girls. If these girls should die before their father, who would inherit their share of the farm? I. J. S.

It is very difficult to know what advice to give in a case of this kind, for unless all persons concerned are willing to be considerate and kind, they will pay very little attention to any advice that may be given, and if they really are willing to be considerate and kind, no advice is needed. It is perfectly evident that a serious, and I fear fatal, mistake was made at the very beginning of this difficulty. You had made up your mind before your second marriage that you could not get along with these old maids and they had in all probability made up their minds with equal firmness that they could not get along with you and did not intend to try. This being the case either the marriage should not have occurred, or a home should have been provided for the girls clear away from the home occupied by you and your husband.

To build a house for them in the same yard was certain to increase your troubles. No doubt the girls are trying, especially if they are not in good health, and there also is a possibility that you are somewhat trying yourself. Remember that you became this man's wife only on condition that he should put his own daughters out of his home. It was a bad beginning. What you should have done was to have a frank talk with the daughters before marriage and if satisfied that there could be no such thing as agreeable relations between them and you, then you should not have married their father. Asking me for advice now is like putting money into a bad deal and after the investment is made and there is no help for it, going to some person to ask for advice about the solvency of the concern in which you have already invested.

It is perfectly evident that you and the girls are not going to get along very well so long as you are living so close together. This is clearly a case where distance will "lend enchantment to the view."

So far as the rights of the girls to enter your home while you are absent, that depends first on who owns the home and second on whether they have been forbidden to enter by the owner. If the present home is yours then you have a right to forbid them from coming into it either during your absence or at any other time. If the title is in your husband's name you cannot forbid them to enter the house unless with his consent and authorization.

If the girls die unmarried without making wills, their estate would be inherited by their father if he survived them.

Division of Estate.

A dies leaving his land and all personal property to his wife B, she to have all the income from said estate so long as she lives, and at her death the estate is to be divided equally among his children. B married again and lived on the land till her death. Her second husband survived her. What steps should the children take to get possession of the estate according to the terms of the will? Will the will have to be reprobated? Will the children inherit the household furniture which was there at A's death or has been bought with the income from the estate? J. B.

If there was an executor named in the will he should ask for an order from the probate court to distribute the property according to the terms of the will. It is not necessary to reprobate the will.

The income of the estate belonged to the widow and what she purchased with it belonged to her and at her death became a part of her estate. Half of it would go to her children and half to her living husband. Such household furniture as belonged to the first husband is part of the life estate of his widow under his will and would at her death descend to his children.

Cannot Hold Both Offices.

1. Is a postal clerk regularly employed in the railway mail service permitted to hold the offices of deputy sheriff and game warden while so employed?

2. Who is the superintendent of the postal mail service between Caldwell and Fort Worth, Texas? L. L. K.

1. No.

2. J. S. Barnes, Wichita, Kan.

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251 Capital Bldg., Topeka, Kan.

What Shall I Do, Doctor?

BY DR. CHARLES LERRIGO.

Catarrh.

Lately I have had a great many letters about catarrh, suggested of course by the colds so common at this season. I cannot undertake to reproduce all of the letters but will print such extracts as are of most general interest and will make one article answer all. Correspondents J. N. M. M., Mrs. W. R., L. J., Mrs. L. P., Mrs. C. C., Mrs. F. R., E. C., B. J. R., A. K., L. M., N. W., and W. E. B. please note.

1. I have catarrh and it is very annoying. My breath is bad. I snuff salt water to get relief and I must do it often or my voice has a catch in it. My eyes smart and I have head noises. Have used almost every catarrh medicine and salve on the market. One day as I snuffed some salt water up my nose it caused some to get in my ear, and as I went out in the cold at once it caused an awful earache, and my ear aches ever since so that I have to take pain tablets.

2. Will you please tell a sufferer from catarrh what to do? I have had it for years in the head, mostly nasal. Please don't advise a change of climate as that is impossible.

3. I am 23 years old and fear that my hearing is becoming affected. I have had catarrh for several years. All that I have ever done for it has been to snuff salt water up the nose which has seemed to help some.

4. Catarrh is such a common thing in our country that it seems to me there certainly ought to be some really honest doctor smart enough to study up the disease and find a real cure for it. As matters stand now, every doctor who advertises that he can cure catarrh turns out to be a quack, and in the end he gets your money and leaves you worse off than before, or that is my experience. Now why can't some honest doctor study catarrh until he is the master of it? He would get rich in our country.

5. I am a man 60 years old and in good health, but about four years ago a hissing noise began in my left ear which has become almost incessant. What causes the hissing?

6. My head has been troubling me for some time very badly, sometimes it is almost unbearable with such a roaring and humming, hissing and sizzling. Please tell me what to do for it or give me the name of a good specialist for such troubles.

7. I have been told that there is a vaccine on the market that will prevent the taking of colds, grippe, pneumonia and such diseases. Please tell me if this has been found effective and if it is a safe experiment.

8. I am 65 years old and am perfectly miserable with catarrh. Is there any cure? If you doctors are any good, why don't you keep at it until you find one?

It would be an easy matter to write a whole book on this engrossing subject, engrossing because so general. I shall confine myself to answering as definitely as possible the points raised in these letters. They stand out before me in this order:

1. The disease is very chronic.
2. Home treatment does little good.
3. Home treatment may do harm, see letter No. 1.
4. The advertised cures do not cure.
5. Ear troubles are a common and serious complication.
6. Head noises are also both common and distressing, almost driving patients wild.
7. The victims are willing to take any measures to get relief.
8. The average person cannot understand why the doctors do not get together and devise some really practicable plan of cure for so common an ailment. Why leave it to quacks?

I will answer the last point first because in so doing I clear up several of the others. Why don't good, honest doctors settle this matter of catarrh, once for all, by studying up some good methods of cure, that will cure the ailment and make it stay cured? The answer is that catarrh is not in itself a disease but merely a symptom, and not a symptom of one disease only, but one that manifests itself in very many and very different diseases. It becomes evident, therefore, that the doctor who says that he has a cure for catarrh is either misled himself or is attempting to mislead others, for since catarrh is a manifestation of many different diseases it is evident that it is folly to attempt its cure by any single remedy. That is why the advertised cures do not cure. That is why home treatment does little good. That is why the disease is very chronic, and it also explains why honest doctors do not make a mint of money by getting up a medicine that will cure catarrh.

The chief troubles mentioned in my letters are the ear complications and the head noises. Both of these are very serious, indeed. Nasal catarrh often causes deafness by the involvement of the Eustachian tubes and the middle ear. Correspondent No. 1 gives an illustration of a serious result of home treatment. The snuffing of the salt water injured the mucous membrane of the Eustachian canal and produced an ear involvement; going out into the cold had nothing to do with the matter. It is because of this danger that the use of nasal douches is condemned.

What may persons who are now suffering impairment of hearing from

catarrh do to get relief? How may these head noises be cured? Is it wise to go to a specialist? Can a specialist give relief?

Yes, I think it wise to consult a specialist and have one careful examination. But I do not advise you to undertake treatment unless he is quite sure that your condition is one that gives promise of improvement. The outlook is not at all good for relief of catarrhal deafness and tinnitus, and you must beware of the man who promises too much. Go to the specialist to whom your family doctor refers you.

The head noises take many forms. My letters speak of them as hissing, roaring, humming and sizzling. These descriptive terms merely express the patient's idea. Whatever form the noise takes, it is extremely annoying. Let me warn you to try to avoid letting it get on your nerves. If you will exercise patience and try to disregard the noises you will get along much better. A confirmed case is almost incurable, so there is good philosophy in trying to endure.

In regard to question 7, the vaccine is still in the experimental stage. The important thing in avoiding catarrh is to develop a good physical resistance and especially activity of the skin. Catarrh is inflammation of the mucous membranes, which are our "inside skin," and are continuous with the outer covering of the body. When the skin is inactive a great load is cast upon the mucous membranes that they do not have with an active skin. Anything that will make and keep your skin active will help you to prevent and cure catarrh. The skin and the loose tissue around it will contain one-fifth of the blood of the body. In an active skin this blood comes into play whenever cold is experienced and overcomes the involuntary shiver that in a puny person so often indicates the beginning of a bad cold. In this one thing lies the philosophy of the value of the cold bath. The contraction of the blood vessels is followed by a reaction which allows them to fill and flood the network of vessels thruout the whole skin with a fresh arterial supply. It is this that gives the warm glow that is experienced as one rubs the body dry with rough towels after the bath. Train the skin to this and you will no longer take cold every time air blows over you. Not having cold you will not suffer with catarrh. It is no answer to say that you haven't time. The time consumed is but 3 minutes a day.

Neither is the argument good that you cannot stand the shock. The shock may be whatever you choose to make it. You can begin the treatment by using a cloth moderately wet with water at body temperature. The rub with the towels is the important feature. There are many other ways of invigorating the skin but this is one of the best. Persons complain that they take cold despite living an outdoor life. I know persons who live an outdoor life but swathe their skin in heavy garments that are not changed from one month's end to another. They cannot expect to avoid catarrh for their skin is bound to be unhealthy. To avoid catarrh, bathe the body every day, live much in the open, avoid both overdressing and underdressing; eat moderately, have good exertions, and give the skin a chance.

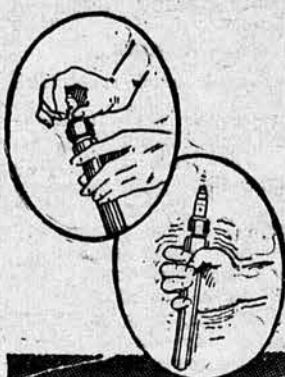
As to curing it, I can only tell you that the chase after catarrh cures is both foolish and futile; that the specialist may find an opportunity to so correct your nose and throat as to give you some improvement, but your chief gain will be by building up your general health and promoting a healthy, active skin. And there is no cure for catarrh excepting as you work in this manner.

Cost of Breaking Boulders

BY HENRY RUZEK

Many owners of raw land are curious to know what it costs to break up boulders. For the benefit of these, the following figures may be of interest: Recently I drilled and blasted 18 large boulders with 2 pounds of 40 per cent dynamite, 10 feet of fuse and 18 blasting caps. The work was done in two and a half days. The drilling took most of the time. Boulders can be broken without drilling but more dynamite is required. The cost of this work including labor and explosives was \$13.65.

The allies should be thankful that Americans eat turkey for their Thanksgiving day feast instead of pork.



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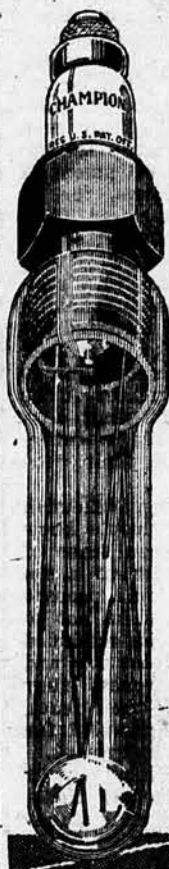
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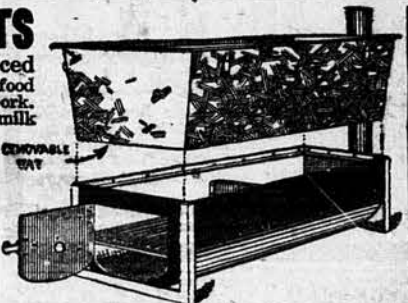
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Sunday School Lesson Helps

BY SYDNEY W. HOLT

Lesson for December 9. Ezra and Nehemiah teach the Law. Nehemiah 8. Golden Text. Thy word is a lamp unto my feet, and a light unto my path. Ps. 119:105.

Among the ancient Jewish people, the first rays of the new moon ushered in every month, and the first day of the month was kept as a sacred festival. With the seventh month, when the civil New Year began, the day was kept with extra honor and was known as the feast of Trumpets.

In the year B. C. 444 when everywhere the trumpets and horns sounded the call to a day of rejoicing and the public acknowledgment of Jehovah as King, the people assembled with greater joy than usual. Just a week had passed since the walls of Jerusalem had been completed. The city was safe. She could hold up her head among her enemies for now at night her gates were locked.

The fast gathering crowd met outside the Temple, which years before had been restored and equipped for worship. Here in the midst of them on a raised platform stood Ezra and his assistants. This glimpse of Ezra pleased the people. It was his first public appearance in 13 years. During this period he had been absent from Jerusalem; he spent the time in Babylon studying the Law of Moses. Learning of Nehemiah's success in building up the civil life and the material safety of the Jewish community, he had hastened back to Jerusalem for the reading of the Law at the New Year feast.

Ezra had been quick to grasp the opportunity of Nehemiah's development of the character of the Hebrews, for by their hard work they had improved. Their conduct as citizens was vastly better and their courage was stronger. This day, as the law was read to them, they realized how far short they had fallen of obeying God, that they had forfeited the promises conditioned on keeping their part of the covenant. This brought to their minds the bitter experiences of the exile and the late ruins of their city. These things testified to the warnings they had not heeded and their consciences were pierced.

When Ezra finished reading, Nehemiah the governor, knowing the people knew their sin and that their keen-sense of this danger would lead them to a repentance, which in turn would prepare them for a new life, asked them not to weep or mourn any longer. He reminded them that the day was a feast day and that having received forgiveness they should all depart and enjoy their feast, helping others not so well provided for as themselves to the same enjoyment.

There is no doubt that Ezra was a wonderful teacher, yet somehow Nehemiah seems to have a clearer understanding of the loving character of God. With the wish for the welfare of the people warm in his heart he turned their thoughts away from the remorse and despair of past sins to repentance and renewed promises. It is God's pleasure that erring, sinning people should turn from evil ways and try again and again to live justly. Sometimes we fall short of our goal, just as the old Hebrew nation did, but it is the effort that God appreciates and we must learn first of all that no matter how we sin, God is always a loving God—never an avenger.

Use Skill in Trapping

Study the habits of the animals you would take. Days spent in this pay big money when the traps are placed. Remember, the general appearance of a set ought to leave the ground as it was before the pelt hunter made his visit. This can be accomplished only by knowing the peculiarities of the fur bearers.

Animals have different characteristics. In fact it is demonstrated thoroly that every particular one has its instinct developed either to a greater or lesser degree. To illustrate the first, a bright piece of tin often will cause the raccoon to investigate it—and be caught if the pelt hunter utilizes this knowledge to the best advantage. On the other hand, a mink would sense danger at the sight of the object. An example of the different degrees of animal instinct is found in the following: A few years ago I was experimenting with a decoy and making tests along a small stream in Iowa and I located the tracks and signs

of a large male mink. (I knew it was a male not only on account of the size but also by the fact that it was an extensive traveler. The female rarely goes farther than a half mile from her den, and has her regular feeding grounds.) This animal defied the most cunning sets. In this particular instance I used four "blind sets," concealed traps placed so they defied detection. I sensed the fact that the large mink was an old one, wise to steel traps and methods of placing them, so I placed my traps quite a distance from the den. It was impossible for me to employ a water set. Try as I might, never once did I have success.

Next I located the den of a female farther up the creek. I knew the male visited her. With the aid of a small flashlight I was able to locate the tracks, even tho they were not in mud. And let me say the trail was a hard one to follow, for the wary fur bearer hardly ever traveled exactly alike twice.

I caught mink nearly every morning on my line, but not the big one. Baited traps were ignored, both on land and water. The scent, even tho I knew flesh-eating animals would frequently fight for it, failed. It seemed as if nothing artificial would tempt the mink.

I tried every trick that I knew; I used such care that would even insure the taking of the cunning wolf or fox. By accident, I got the skin. One morning, out of sheer desperation, I staked the carcass of a muskrat near the edge of the stream about 300 yards from where I had previously made the sets. Next morning I saw signs. Every few days for weeks I changed the bait to fresh muskrat. It was necessary for me to do this by wading with hip boots. Every

Give the Death Blow to Vice

A few days ago four of the newspapers of New York sent out the report that the Protestant Episcopal Diocesan convention of New York had voted down a prohibition resolution.

Bishop Greer, the convention's presiding officer, says what the convention really did was to vote unequivocally for the introduction of a measure in the forthcoming Congress, calling for nation-wide prohibition during the war.

The people of the United States believe, and their belief is growing stronger every hour, that no single war measure could be of greater benefit in manhood and food conservation than to abolish the whole drink traffic.

This is the one thing now needed to give the death blow to vice.

No single measure can do so much to win the war for us and keep the Nation strong.

Why should we longer hesitate to use it?

day I brought it a little farther from the bank. Next I placed some water-soaked grass between the shore and the decoy. The mink was shy. He visited the spot several days before he would touch the decoy. Nothing happened. The animal got its feed. More grass, from time to time, was added, until I had enough to conceal my traps just the way I wanted them. Then I got the big mink. One paw was missing, also several toes. While I spent more time in trying to outwit this particular fur bearer than its pelt brought, the trouble was worth while. It proved conclusively that the instinct of this particular animal was developed to a greater extent than the average. This difference is further proved by the fact that some minks can be taken as easily as skunks or muskrats—I caught one with a set that was not even covered—and others require the utmost skill of any pelt hunter to catch.—George J. Thiessen in Farm Engineering.

I trust in Nature for the stable laws Of beauty and utility. Spring shall plant And autumn garner to the end of time. I trust in God—the right shall be the right

And other than the wrong, while he endures.

I trust in my own soul, that can perceive

The outward and the inward—Nature's good

And God's! —Robert Browning.

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SPECIAL OFFER—We will send this 14-K Solid Gold, Self-Filling Fountain Pen, Premium No. 53, to all who send \$1.00 to pay for a yearly subscription to Farmers Mail and Breeze and 50c additional, \$1.50 in all. Satisfaction guaranteed.

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J. I. Case Plows—of all types—are noted for light draft, wonderful strength and easy adjustment. We use only the best and strongest of steels. This adds strength and reduces weight.

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Everywhere farmers are getting ready to put every available acre into crops. The demand for J. I. Case Plows will be tremendously increased this year.

We want to fill every order, so we advise, in view of the steadily advancing cost of materials and the heavy demand for implements, that you go to your dealer at once. Order your plow for next Spring.

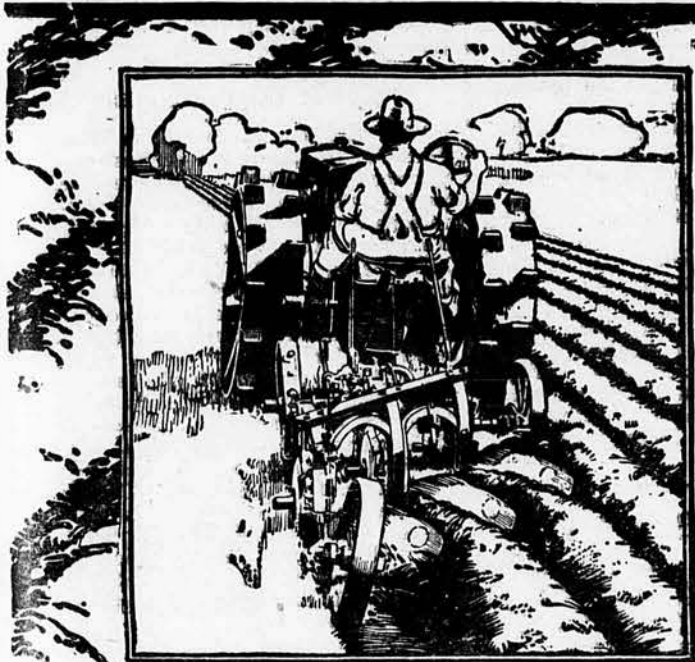
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The plow here illustrated is the J. I. Case Foot-Lift Sulky. Its exclusive cushion spring gives flexibility, so that the bottom gets none of the motion in going over uneven ground—the furrow is always level and uniform. This spring also takes the jar off the share when it strikes an obstacle. This saves repair costs. By this device on the foot lift, the plows are locked securely in position when out of the ground.

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Tractor Plows which bear this famous name, have many important features. For instance—by the quick, positive and simple power lift, plows come out of the ground at the pull of the rope or go down to their full depth within their own length. There is no ragged land at the head furrow.

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This tractor gang is close coupled and braced for steady, even plowing anywhere.

Full information on any kind of J. I. Case Plow will be sent you immediately on receipt of your request—now is the time to do your figuring.

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Two Big Blades

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This is a knife that should find favor with every farmer and stockman. It is almost 7 inches long when open and 3 1/4 inches when closed. Has two blades warranted to contain the best quality crucible steel and manufactured by skilled workmen. Special care being taken in hardening and tempering blades. The knife has stag handles, full brass lined, German silver double bolsters. It is one of the best knives we have ever offered.

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Rain Improves Wheat Fields

Rain in several Kansas counties has revived the wheat, but in a few localities the crop is badly in need of moisture. Corn husking is still progressing, and the clear, cold weather has improved the crop somewhat. Livestock is selling for high prices.

Gray County—We are having fine weather for fall work, but moisture is insufficient for wheat, which is making slow growth. There is some good corn in western part of the county where they had rains. Rough feed is short. Considerable hay has been shipped in and many cattle and horses sold on account of feed shortage. Prices for stock are high. Corn \$1.20; wheat \$2.40 to \$2.55.—A. E. Alexander, Nov. 24.

Washington County—Dry and windy and the wheat has a poor chance. Farmers are not buying corn for cattle and hogs. Considerable real estate changing hands. Hens 15c; eggs 35c; corn \$1.10.—Mrs. Birdsey, Nov. 23.

Ellsworth County—A light rain November 16 improves the wheat prospects. Corn husking is progressing; yield from 3 to 15 bushels. Most farmers have plenty of roughness for stock.—C. R. Blaylock, Nov. 23.

Russell County—This county had a fine rain last week that will bring the wheat out nicely. Corn husking in progress and some corn is quite soft. Cattle doing well. Eggs 35c; butter 45c.—M. Bushell, Nov. 23.

Douglas County—Wheat needs rain badly, but is doing well considering dry weather. Corn gathering is being rushed along. We have lots of soft corn and some may spoil. Our main industry now is cutting and hauling wood. Stock is doing well with no disease. Stock is selling at good prices, but car shortage delays shipment.—O. L. Cox, Nov. 24.

Smith County—A good rain November 16 and 17 has revived the wheat and the warm weather is giving it a good start. There is considerable soft corn in some parts of the county, especially in the north half. Stock hogs are scarce and high and cattle sells well. Feed is scarce and high. Alfalfa \$16; snap corn 75c to \$1; butterfat 45c; eggs 35c; butter 40c.—Ernest Crown, Nov. 24.

Chautauqua County—We had a nice rain November 18 and the wheat is beginning to look good again. We have had very little disagreeable weather. Corn husking is in progress, but the supply is not large. Stock is doing well. Hay is scarce and sells for \$12 in stack. Most all fat hogs and cattle have been shipped out.—H. B. Fairley, Nov. 25.

Morris County—Weather is ideal for all fall work and corn husking is going on rapidly. Farmers are rushing the corn thru as it is a question how long the corn will keep. Wheat is pretty well cleaned up. Only a few cattle have been turned into corn fields, but some have died of disease. Corn \$1.05.—J. R. Henry, Nov. 24.

Saline County—Wheat looks nice but needs moisture. Labor is scarce and high. Farmers worried over shortage of help for coming season. We are all after Kaiser Bill's scalp and will do all we can. Wheat \$2;

Corn shuckers are scarce and in demand. We are paying 8 to 10 cents a bushel.—H. E. Stewart, Nov. 24.

Coffey County—Weather is dry and cool but wheat needs rain badly. A good many farmers are hauling water. A few calves have died with blackleg. Coal is scarce. Roads are in fine condition. Potatoes \$1.40; flour \$2.60; butter 35c; eggs 38c; prairie hay \$16 to \$18.50.—A. T. Stewart, Nov. 24.

Norton County—Late rains have put ground in fine condition and wheat looks fine. The acreage is 20 per cent higher than last year. Many cattle have been shipped to other points to feed out as grain prices at present stop about all feeding here. Wheat is the lowest product at the factory. With good care and shelter our stock may keep thru winter, but there will be no surplus feed on hand next spring. Alfalfa \$25; oats 71c; corn fodder \$15.—Sam Teaford, Nov. 24.

Roos County—We had an all day rain November 17. Warm growing weather continues. Wheat is coming fine and everyone is busy. Many have left for corn husking in Nebraska. Flour \$2.85; bran \$1.70; shorts \$2.60; cornmeal 65c; butterfat 42c; eggs 35c.—C. O. Thomas, Nov. 23.

Clay County—Late the wheat seems to be picking up considerably. Cribbed corn keeps us busy to prevent it from heating, and spoiling. Alfalfa \$20 and other feeds are in proportion.—H. H. Wright, Nov. 24.

Cowley County—Weather still is dry, but wheat is doing quite well on the prepared ground but very poor on ground lately prepared. Not much corn husking has been done yet and there is little to husk. Farmers are hauling wheat and threshing kafir. A good many sales are being held and stock sells high. New corn \$1.25; hogs \$16.50; hens 16c; cream 47c; butter 45c.—L. Thurber, Nov. 21.

Sweet Clover is Winning

That Sweet clover is growing in popularity thruout the state is shown by its greatly increased acreage in the last two years; every county with the exception of nine—eight of which are in the extreme Western part of the state—reporting more or less areas devoted to this legume. The 24,304 acres of Sweet clover reported this year is almost double that of 1915, when the first statistics on the crop were gathered by the state board of agriculture.

In the southeastern quarter of the state Sweet clover seems to be meeting with special favor. Butler, Greenwood and Cowley counties in that section lead all others, with 3,997, 2,634 and 2,575 acres respectively. Its adaptability to conditions is suggested by its wide distribution; Finney county, in the southwest, ranks fourth in Sweet clover. The larger percentages of increase in acreage in the last two years are in Barber county, leading with a gain of 9,660 per cent, Chase county 5,180 per cent, Sumner 2,300, Sedgwick 700, Morris 470 and Cowley county 245 per cent.

Fewer Hogs in Kansas

The number of swine in Kansas, March 1, 1917, shows a decrease of 13.8 per cent from the number reported a year previous, according to the assessors' returns to the state board of agriculture. This year there were 1,356,703 head on hand, as against 1,576,568 in 1916. The decrease is attributed to the short corn crop of last year, the increased cost of feed and the attractive prices that have prevailed for pork.

Fourteen counties in the state had more than 25,000 head of hogs apiece on hand at the time the assessors made their rounds, all of which, with the exception of Smith, are located in the eastern half of Kansas. The seven counties having the greatest number are in the northern tier, Washington leading with 42,130 head, followed by Nemaha with 41,784, Jewell 41,339, Marshall 39,671, Smith 32,353, Republic 32,189 and Brown 30,796.

Whitewash for Poultry House

A whitewash that disinfects, kills mites and brightens the poultry house is made as follows: Slake 5 quarts of rock lime with hot water to about the consistency of cream. To this add 1 pint of crude carbolic acid or zenoleum, and 1 quart of kerosene. Stir thoroly and dilute with twice its own volume of water. Apply with either spray pump or whitewash brush. When properly prepared, this solution serves three purposes: the zenoleum acts as a disinfectant, killing the germs; the kerosene penetrates the wood, destroying the mites; and the lime whitens the walls, making the building sweet and light.

The real cost of foods of similar composition depends for the most part on the weight obtained a unit of cost; for example, a cereal which costs 15 cents a pound and supplies the same amount of nourishment as one that costs 25 cents a pound is a cheaper source of nutritive material, tho the latter may be three times as bulky as the former owing to the form in which it is marketed.

Do Your Own Mending

With a Set of the "Always Ready" Cobbler's Tools



This handy shoe repair outfit was made especially for home use. With the aid of these tools you can easily do any kind of shoe repairing at a great saving of time and expense. The outfit comes securely packed in a box and consists of the following: Iron stand for lasts; one each 9 in., 7 1/4 in., 5 1/2 in. lasts; shoe hammer, shoe knife, peg awl, sewing awl; stabling awl; one package of heel nails; one package of clinch nails; and full directions. A most complete and serviceable outfit which will always give satisfaction.

SPECIAL OFFER: This cobbler's outfit may be had free all mailings prepaid by sending us 2 yearly subscriptions to Farmers Mail and Breeze at \$1.00 each, \$2.00 in all. Show this copy of our paper to your friends. They will gladly give you their subscription when they see a copy of the paper.

FARMERS MAIL AND BREEZE
Dept. C. O., Topeka, Kansas

CHINESE PRIZE PUZZLE \$100.00 IN GOLD GIVEN



This picture shows a "chink" doing his daily wash. In this picture are the faces of a few of his customers—these faces can be discovered by a little figuring and by turning and twisting the picture in various positions. It looks easy and simple, but if you can find as many as two faces, mark them with an X and return the picture to us and we will send you FREE and POSTPAID A BIG PRIZE PACKAGE.

OUR OFFER We are the largest magazine publishers in the west and are conducting this big club in connection with our big introductory and advertising campaign and want to send you sample copies and full particulars as to how you can become a member of this club and share in the \$100.00 in Gold and thousands of other valuable premiums. Does not cost you a single cent to join the club, and positively every club member wins a premium. Anyone may enter, and bear in mind, there is absolutely no chance to lose. If there should be a tie between two or more contestants for any of the prizes, each tying contestant will receive the prize tied for. **NOTICE!** Every new club member this month also receives a beautiful GENUINE GOLD FILLED SIGNET RING, GUARANTEED FOR 5 YEARS FREE AND EXTRA, JUST FOR BEING PROMPT. Get your share of this \$100.00. Write TODAY.

CHINESE PUZZLE CLUB, 276 CAPPER BLDG., TOPEKA, KANSAS

A Christmas Gift Worth While



There are a great many people to whom, for some reason, you cannot very well send an expensive Christmas present, nor do you want to send them the conventional calendar, or something everyone else sends.

For the small sum of 50 cents you can send a Christmas present to one of your friends. For \$1.00 you can send gifts to three of your friends—making a gift that will remind them of you every issue from one Christmas to the next.

It is even unnecessary for you to tell your friends about your gifts unless you desire to do so. The editor of Capper's Weekly will write your friends a Christmas letter and tell them who sends Capper's Weekly. Fill out the coupons, and send them to us while the impulse of interest says, "Do it now."

A Gift That Will Be Delivered 52 Times a Year

If you would make a lasting gift for the small sum of 50 cents, send us the name of some friend to whom you desire us to send Capper's Weekly for one year. For \$1.00, we will send Capper's Weekly to three of your friends, making a gift that will remind them of you every issue from one Christmas to the next.

It is even unnecessary for you to tell your friends about your gifts unless you desire to do so. The editor of Capper's Weekly will write your friends a Christmas letter and tell them who sends Capper's Weekly. Fill out the coupons, and send them to us while the impulse of interest says, "Do it now."

Capper's Weekly,
Gift Dept., 2, Topeka, Kansas

Gentlemen: Enclosed find for which send Capper's Weekly for the term of one year to persons named in opposite coupon.

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Name and Address of Subscribers.

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2. Name.....

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If you are in the Draft

—Remember that motor mechanics, serving behind the fighting lines, in the transport service, render as noteworthy service as the riflemen in the front trenches.

If you are in the draft and liable to be called within the next six, or twelve months—or even within the next few weeks—you can come here and educate yourself for a position as motor mechanic, repair man or driver, and thus be able to do more for your country as well as yourself.

While there is no shortage, and will be no shortage of men for the national army, there is a tremendous shortage of capable men—men with

properly trained ability—to operate and repair the thousands and thousands of motor

cars, motor trucks, and tractors needed behind the fighting lines, also to keep in operation the many more thousands of aeroplanes.

Every trained motor mechanic behind the lines, supports other men in the front line trenches, and it is upon the efficient operation and care of military equipment that the very lives of the men in the front trenches depend. The work of one trained mechanic behind the lines may mean the success or failure of an entire battalion holding a strategic position in a critical sector.

THE ARMY NEEDS CHAUFFEURS In the Signal Corps Mechanics Also Are Needed.

Washington, Nov. 22.—The signal corps needs thousands of chauffeurs and mechanics, not only to drive cars, but for mechanical work on airplane engines. It was announced today that as quickly as possible squadrons of such men will be organized, and sent overseas. Men of draft age can enlist in the air service until December 15.

—From Kansas City Star.

Thousands of Mechanics Needed

U. S. ISSUES CALL FOR 500 CHAUFFEURS TO AID ARMY

New York, Nov. 17.—A call for 500 chauffeurs for transport service in the quartermaster's corps was issued here today at the headquarters of the eastern department. The men will be used for service either in this country at cantonments or with forces abroad, it was announced. Applicants will be examined at receiving offices.

—From Chicago Tribune.

Our Government is preparing for a long war and is in the war to win the world's battle for our own safety. Newspaper dispatches from Washington indicate that every man within the draft age, regardless of present occupation or condition in life, will be examined and classified, and that exemptions will be few and far between.

Therefore, if you are in the draft, you owe it to yourself and to your country to offer the Government the very best of which you are capable.

If you are in the draft, you can come here and get practical, easy-to-acquire training to make yourself an expert motor-mechanic. You can have your registration number transferred to this city, if you wish, and your coming to

this school will neither hurry nor delay your call. A few short weeks here in my school will give you a thorough training in the principles and practice of motor mechanics, so that when you are called you will be able to fill a place no less important than in the front line trenches.

Should you be called while in my school, I will show my patriotism by refunding your tuition.

If you are under or over the draft age, you can be sure of a waiting position with high pay, or plenty of chances to go into business for yourself, just as soon as you complete my course of training. Remember, this is the greatest school in all America in point of equipment, instructors and experience. You can learn here in the shortest time.

No matter how you look at it, the time to get this practical training is NOW. The Rahe Original Practical Method is everywhere recognized as the standard Automobile and Tractor Instruction. My method is proved successful by the success of thousands of graduates—men who came to me without a bit of previous experience and who are now earning good money—

\$100.00 to \$300.00 a Month

—as factory representatives, agents, dealers and salesmen—as chauffeurs, testers, welders, repair men and ignition and self-starter experts. In civil life, the demand for capable auto and tractor men was never so great. Right now I have many, many times more calls for capable men than ever before.

Send for 80-Page Book Today

Write me at once so that I may have your name and address to mail you free and postpaid a copy of my 80-page book, telling all about this big practical school with its three huge buildings, equipment—capacity 3,000 students a term—plenty of room and plenty of equipment, assuring each and every student direct personal instruction and practice.

Arrange to come to this school right now! You will surprise yourself how easily and how quickly you can become an expert.

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Send me your 80-page book, free and postpaid, also your Special Offer to Men in the Draft.

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Hundreds of thousands of men will be needed behind the fighting lines in the Army Transport Service, for Truck Drivers, Mechanics, Chauffeurs and in the Air Service as Aeroplane Mechanics.



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Act at Once!

Never before has demand for furs been so great. Now is the time to rush them to Taylor if you want every cent in every skin. We need opossum, skunk, wolf, fox, coon, mink, muskrat and all other furs. Bundle them up and send to Taylor today. Reap the biggest cash returns.



Trappers' Book Free

We will mail our new "Book of Traps" and catalog of trappers' supplies free upon request. It is filled from cover to cover with the story of trapping. Tells methods used by most successful trappers; gives trapping laws, instructions for handling skins and getting biggest cash returns. Fur-bearing animals are shown in natural colors. A book full of interest on trapping. Also contains complete catalog of trapping supplies. Write for it today!

Money in the Fur Crop

Now, while the season is at its height, don't neglect the money in the fur crop on almost every farm. Get your share. Utilize spare time. You can easily obtain a generous proportion of the millions that F. C. Taylor Fur Co. will pay for furs between now and next spring. Get busy at once. The fur crop is a sure crop. It brings quick, liberal cash. Christmas money can be earned; in fact, money for every purpose can be made by trapping.

Taylor Smoke Torpedo, Delivered, \$1.80

Easy, simple and effective method of driving animals from their dens. Consists of metal torpedo attached to 10 feet of strong, flexible wire, and 12 smoke cartridges. Small, weighs only one pound. Put cartridge in torpedo, light fuse and push in den. Smoke forces animal out and enables you to quickly trap them.

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We guarantee absolutely correct grading, highest obtainable prices, promptest money returns and complete satisfaction. Back of every Taylor transaction stands the Taylor reputation of 47 years' honest dealing with the trappers of North America. Thousands ship here every season because they can depend on us. Deal direct with America's Greatest Fur House, and get inside, confidential information on the fur market, issued and mailed regularly by Taylor. We send you cash in full for your furs by return mail. Try a test shipment.

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FURS WANTED

GET the top price for furs. Trapping pays big if you sell your furs right. Lawrence Prentice of Michigan, made \$42.15 extra money in one month by trapping in spare time and shipping the fur to "Biggs at Kansas City." Herman Johnson's trapping last season brought him in \$781.58. Emil Peterson of Minn., bought 75c worth of Biggs Baits, and we paid him \$70.45 for the furs he caught.

Send for Price List at Once

Send for Price List and free subscription to our monthly magazine "The Trappers' Exchange"—greatest trappers' magazine published. Traps, Guns, Ammunition, etc., sold at factory cost. Biggs baits are guaranteed to increase your catch or money back. Write today.

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WE BOTH LOSE MONEY IF YOU DON'T SELL YOUR HIDES TO T. J. BROWN 126 N. Kansas Ave., TOPEKA, KANSAS.

Green salt cured hides, No. 1, 20c. Horse hides (as to size) No. 1, \$5.00 to \$7.00 No. 2, 15c. (as to size) No. 2, \$4.00 to \$6.00

Write for prices and shipping tags. Payments made promptly.



We need all the hides and furs we can get, and we will pay cash and highest market prices for horse hides, cow hides and all kinds of fur—Skunk, Coon, Possum, Muskrat, etc. Deal with the Most Reliable Hide and Fur House in Kansas, and you will have no regrets.

BETTER CASH PRICES

If you are looking for the hide and fur house that will give you the most cash money, write us at once and we will send you our Price List and include free Catalog of Trappers' Supplies. We can save you money on anything you need in traps, guns, etc. Write today.

CONCORDIA HIDE AND FUR CO. Department C, Concordia, Kansas.

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Iowa's Largest Hide, Fur and Wool Dealers.

You will realize more money for your hides and furs from us than elsewhere, as you are selling direct to tannery, thereby saving the middleman's profit. Our tanning of all kinds of hides and furs and manufacturing of coats, robes, rugs and mittens cannot be equaled. Send for our illustrated catalog on tanning and price list on hides and furs. Ship hides and furs for sale to Cedar Rapids Hide and Fur Co., and hides and furs for tanning to Cedar Rapids Tanning Co., of Cedar Rapids, Iowa. (CEDAR RAPIDS' ONLY TANNERY.)

WHEN WRITING ADVERTISERS PLEASE MENTION FARMERS MAIL AND BREEZE

BIG MONEY IN FURS Ship to "Old Reliable" Square Deal House **Furs-Hides-Pelts-Wool**

We pay highest prices for Furs and Hides. Charge no commission. Furnish free tags and "Trappers Guide" to shippers. Write for price list.

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We pay highest cash prices all the time. Tan hides for robes and coats. Send for pricelist and tags, free. The old reliable

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RAW FURS

I want 50,000 skunk and other furs—Special price for Western wolves. Will pay express on shipments from adjoining states. If my price unsatisfactory will return furs at my expense.

Sartin Fur Co., Cedar Vale, Kan.

LURIT It Will Attract All Animals to Your Traps

Send 25c in stamps for a large trial bottle. Guaranteed to increase your catch or money refunded. We will also send you a large Skunk hunting picture in 6 colors, "The Unwelcome Surprise" and our latest price lists. You get full value for Furs when you ship us. No charges for selling as we are Direct Buyers.

UNITED STATES FUR COMPANY, Dept. U 209 N. First St., St. Louis, Mo.

Corn Receipts of Good Quality

An increase in the receipts of corn the past week over previous weeks is reported at the three principal markets. There is also a marked improvement in the quality of corn coming in. Although a small amount of damaged grain, some unsalable, is still coming to market, shippers for the most part are exercising greater care in loading corn. Carlot prices of good shelled corn declined 10 to 23 cents.

The three principal markets received 500 more cars last week than in the past week, despite a widespread complaint of car shortage. The War Trade board will divert enough box cars to the West to insure a liberal movement of corn and oats from the country, says a report from Chicago.

The record crop of oats is accompanied by prices higher than ever before, and 10 to 15 cents higher than a year ago. Exports of oats last week were 2 million bushels. After raising 5 to 7 cents the preceding week carlots were quoted up 3 1/2 to 4 cents more, white selling as high as 74 1/2 cents at Kansas City.

Wheat receipts are falling off. The milling department of the Food Administration office in the Kansas City zone reports that the wheat movement is limited by the shortage of cars.

How much wheat remains in this country for export is a question receiving much attention. Shipments from the United States to foreign countries have been 40 million bushels, and that represents practically the entire surplus above normal home needs, if the crop estimate is correct. It is certain that the curtailment of home consumption will increase the surplus. Economy to the extent of 20 per cent is necessary if the United States is to be able to furnish 10 million bushels to the Allies. The Food Administration officials are hopeful that this much saving can be effected.

Official fixed prices paid for all wheat in Kansas City by the Food Administration Grain corporation are here shown:

Dark Hard Wheat—No. 1, \$2.19; No. 2, \$2.16; No. 3, \$2.15.
Hard Wheat—No. 1, \$2.15; No. 2, \$2.12; No. 3, \$2.09.
Yellow Hard Wheat—No. 1, \$2.11; No. 2, \$2.08; No. 3, \$2.05.
Red Winter Wheat—No. 1, \$2.15; No. 2, \$2.12; No. 3, \$2.00.
Soft Red Wheat "Onions"—No. 1, \$2.13; No. 2, \$2.10; No. 3, \$2.07.
No. 5 red wheat was taken at \$2.01, No. 1 mixed at \$2.08 and mixed grain at \$1.98.
Corn: No. 1 mixed, \$1.90; No. 2 mixed, \$1.92; No. 3 mixed, \$1.78 to \$1.90; No. 4 white, \$2.05; No. 5 white, \$1.95; No. 6 white, \$1.56. No. 2 yellow, \$2.07 to \$2.10.

Cattle received this week 90,000, last week 102,000, same week last year 67,000. Prices averaged about steady, except that cows are 50 to 75 cents higher, including canners. Hogs this week 53,000, last week 46,000, same week last year 72,000, market 10c higher for the week, top today \$17.85. Sheep this week 24,000, last week 30,000, same week last year 22,000, market 25 to 35 cents higher, top lambs this week \$17.50, to killers.

A few head of steers sold at \$15.60, but top on carloads was \$13.25, some caked westerns at \$12.80. Numerous lots of choice to prime cattle are known to be waiting for the "Christmas" market, about the second week in December. Good grass westerns were scarce, Kansas steers up to \$12.50. Colorado beef steers at \$9 to \$10.40, a train of Arizona fat steers this week at \$10.10 to \$10.50, weights around 1,000 pounds. Cows have made the big gain noted above, full loads of Colorado at \$9.50, and Montanas at the same price, bulk of the range cows \$7 to \$8.50, canners \$4.75 to \$5.50, two full loads of natives at \$10.50, top for the week on cows. Best veals sell around \$12, bulls at \$6 to \$7.50.

Shipments out of stockers and feeders this week were 2,000 head more than last week and 4,000 more than same week last year, in spite of the car shortage, total output estimated at 35,000 for the week. Prices on the best grades are firm, other kinds weak. Feeding steers at \$9 to \$11.50, stock steers \$7 to \$9.50, a few fancy ones up to \$12, best Panhandle yearlings and twos \$9.25 to \$9.75.

Light weight hogs have been in stronger demand this week, and best ones now sell only 20 cents under top heavy hogs. This has narrowed the range of bulk of sales to about 25 cents, bulk today \$17.50 to \$17.75, top \$17.85. Pigs made a sensational advance first of the week, getting slightly above fat hogs in price, due to extra demand from immunizing plant owners, but this demand has dropped off, and pig prices are off 50 to 75 cents, best \$17.25. Dealers here expect hog prices to go higher between now and first of January.

The market made a good gain first half of the week, best lambs \$17.50, both Tuesday and Wednesday, but prices are closing the week about 15 cents lower than best time. Ewe lambs sold up to \$17.85 this week, straight feeding lambs \$16.50 to \$16.75. Range lambs sold up to \$17.35, but fed lambs will lead from now on. Fat yearlings reached \$14.10, wethers \$13, ewes \$11.75.

A Fighter for the Right

Since Governor Capper's announcement of his candidacy for the Republican nomination for the United States Senate next year, we have heard many comments in his favor, from both Republicans and Democrats. And newspaper sentiments seem to have largely the same trend.

It is a fine thing when the voters can partly forget politics, and remember the man.

Capper has made good over the country, as well as in his own state. The pacifist at the beginning of the war, he is now a fighter for right and is continually busy on the affairs of both state and nation, doing all he can for the cause of the freedom of humanity.

As a governor and business man his success is undoubtedly due to his combination of industry, honesty and perseverance. He is a success—and has proved it. It is a pleasure to endorse his candidacy.—Highland Vidette.

To Win a Prize With Corn

(Continued from Page 17.)

variety. If the ears you have produced are 10 inches in length and the tips and butts are well filled, you should be able to win a prize with them. You may be sure that Joe Kennedy was mighty proud of the ribbon he won. While gathering your corn, watch carefully and place every especially good ear in a separate box. It is not difficult to fix up a small box and attach it to your wagonbox. Place the big, well filled ears in the small box, and when you unload, place the show ears in a well ventilated room. After you are thru gathering, go over the best ears carefully. Choose the ear that comes nearest meeting the standard requirements and use it as a model. If you are going to enter 10 ears or more, see that the ears are uniform in appearance. I have judged many corn shows and I find that the novice usually selects principally for well filled tips. Don't do it. See that the ears are good length and circumference. Have them uniform in appearance, and the judge will place your exhibit ahead of the other fellows.

There is a fine opportunity for Kansas boys to get into the seed corn game. There is an increase in interest in good seed, and no great supply of purebred corn can be found in this state. I hope that every boy who enrolled in the club will plant purebred seed of some kind next year. Boone County White is not adapted to every section of the state. Study conditions in your section and secure the variety that will grow well there. Boone County White is one of the best varieties of white corn produced, but it will not mature as quickly as some other varieties.

Hogs and corn make a fine combination. Capper Pig Club members would do well to get into the purebred seed corn game. I am sure that after having grown purebred corn they will be convinced that it is superior to scrub corn just as they have been convinced that purebred pigs are away ahead of scrub pigs. The four boys whom I am presenting to you are the Roberts brothers and good friends of mine. They have been enrolled in corn club work for a number of years and now are selling about \$1,000 worth of seed corn every year. And they are winning many prizes, too. The corn they are so proudly exhibiting won more than \$50 for them. These boys didn't win any blue ribbons the first year. It took pluck and brains, and a lot of elbow grease and perspiration before the Roberts brothers began to "clean up" on the competition and they had to have top notch seed. Their father paid \$50 for 100 ears of Boone County White that gave them their start, but he has been repaid for that investment many times. Not only did it prove profitable from a financial standpoint, but he is having the satisfaction of seeing his boys develop into topnotch farmers and trained business men. Father and son partnership in the corn growing game is an excellent thing. The Roberts brothers live near my old home near St. Joseph. The youngest boy has lined up for pig club work this year.

"First my corn all drowned out, then what was left dried up. Do you still want your money, yet?" asked a Russell county club member. I have told him that altho money borrowed usually is expected to be paid "yet," we will surely give him another year before asking that the \$2.50 shall be sent in, and this applies to every boy who met with misfortune. It does not take much corn to pay the \$2.50 paid by Arthur Capper for the seed corn which was sent to you, and there is no interest to pay, but if you haven't grown any corn you are not going to be asked for the money. Let me know about it, and we will arrange to have the time of payment extended as long as you desire. Every boy who has found his investment a profitable one may send the \$2.50 to John F. Case, Capper Building, Topeka, Kan. We will put it into the fund provided for lending money to Capper Pig Club members so you may get your \$2.50 back again, and a great deal more.

Said the teacher to the little Hebrew boy: "Ikey, is the world flat or round?" "It ain't needer vun, teacher," said Ikey. "But what is it, Ikey," asked the teacher in surprise, "if it is neither round nor flat?" "Vell," said Ikey, with conviction, "mine fader he says it vos crooked."

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SINGLE COMB BROWN LEGHORN COCKERELS \$1.50. H. M. Schoepflin, Quenemo, Kan.

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PURE BRED SINGLE COMB WHITE LEGHORN cockerels. Mrs. D. Christmann, Oswego, Kan.

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ALFALFA SEED. HOME GROWN, NON-irrigated alfalfa seed, good germination. Six to nine dollars bushel. Sacks \$0c. Samples sent on request. L. A. Jordan Seed Co., Winona, Kan.

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FOR SALE—RED POLLED BULL CALVED March 8, 1913. Good one. Geo. Haas, Lyons, Kan. Rt. No. 6.

FOR SALE—MY FLOCK 125 HEAD REG. and high grade Delaine rams, ewes and lambs. Mary E. Graham, Rte. 7, Winfield, Kan.

POLAND CHINA HOGS—CHOICE SPRING and fall boars and gilts of Gerstade Jones breeding. Frank Downie, Hutchinson, Kansas.

JERSEYS—22 HEAD OF FINE ONES including 9 two-year-old heifers. Good milkers. Write or call on Henry Vernson, Blue Rapids, Kan.

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FOR SALE—THIRTY HEAD HIGH GRADE and registered Holstein cows and heifers. Three registered Holstein males. Lone Star Dairy Farm, Mulvane, Kansas.

20 MARRIAGE MULLEY FEEDERS FOR sale, cows to put out on shares. Pedigreed, bred, sows 20 cents a pound. Trained collie dog \$15.00. Jno. Marriage, Mullinville, Kan.

CHESTER WHITE GILTS AND BOARS for sale. Sired by Hillands Kind and Grand Sire William. A good size and big bone. Eligible to registry. H. E. Arnold, Lenora, Kan.

REGISTERED RED POLLED BULL, COMING four. Registered Duroc Jersey pigs. Both sex. Registered Shropshire ram, six months. C. Walter Sander, R. R. 2, Box 7, Stockton, Kan.

FIFTY HOLSTEIN COWS, BIG, YOUNG, choice; grades. Some fresh. Sixty select two year olds. Tuberculin tested. Registered Holstein and Shorthorn bulls. Paul Johnson, South St. Paul, Minn.

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

DOGS.

FOR SALE: FOX TERRIER PUPS, MALES \$15.00, females \$10.00. W. Craddock, Spring Hill, Kansas.

FOR SALE—MY ENTIRE HERD OF choice Reg. Galloway cows and 1 herd bull. G. E. Clark, Topeka, Kan.

SCOTTISH TERRIERS. GREAT RAT, watch, pet, stay home little dog. Price list 5c. Wm. Harr, Riverside, Iowa.

GUARANTEED SCOTCH COLLIE PUPS, well marked, pedigrees furnished. Males \$8.00 each. S. H. Lenhart & Son, Hope, Kan.

STRAYED—BLACK AND TAN FEMALE Trailing Hound left Oct. 7, 1917. Liberal reward for information. Arthur Stockeband, R. R. 2, Yates Center, Kan.

SCOTCH COLLIES—NATURAL HEELERS—Four month old pups. Males, \$5.00. Female, \$3.00. Yearling female, \$5.00. Partly trained. Lonnie Simmons, Erie, Kansas, Route 3.

FOR SALE—SOME EXTRA FAST BRED greyhound puppies. Mixed a little with stag. 3 months old. Soon be old enough to catch their own living. \$10.00 per pair. Jerry D. Webb, Sterling, Kan.

LIVESTOCK COMMISSION MERCHANTS.

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

LANDS.

FOR TRADE—80 ACRES, WANT LARGE gas tractor. S. B. Vaughan, Newton, Kansas.

FOR SALE OR TRADE—MY EQUITY IN 560 a. prairie land in Lane Co. F. D. Webb, Sterling, Kan.

SOUTH TEXAS LAND—GET LIST OF farms and ranches before buying. Many bargains. Dibrell & Bauer, Box 30, Seguin, Texas.

FINE QUARTER OF THOMAS CO. LAND 5 miles of Oakley. Also quarter of heavy timber land 9 miles of Lebanon, Mo. D. B. Speck, Oakley, Kan.

FOR SALE—280 A. GOOD IMPROVE- ments. 4 mi. Leoti. School 1 mi. 160 a. unimproved. Cheap for cash. Ralph E. Turner, Marienthal, Kansas.

FOR SALE OR RENT, 400 ACRE FARM. Well improved. Hundred alfalfa, two thirty wheat. \$53.75 per acre. Commission to agents. J. F. Harris, Spearville, Kan.

LOOK—A FINE STOCK FARM, 320 ACRES. Highly improved. Tile silt. 2 miles good market. Oil and gas development starting soon. A bargain. Write G. H. Taggart, Elk City, Kan.

FOR SALE: 292 ACRE BOTTOM FARM; 3 miles town, half mile to school; R. R. station on farm; 115 acres wheat; 20 acres alfalfa; balance corn, meadow and pasture land; good timber feed lot; fair improvements; \$85 per acre; good terms. Rose G. Kretzinger, owner, Emporia, Kansas.

FOR SALE—800-ACRE, CUSTER COUNTY, Oklahoma farm; 400 acres bottom in cultivation, balance fine grass pasture; 200 acres in wheat; 320 acres fee simple title, balance Indian leases; low rentals, no taxes, cheaper than owning; cultivated land and choicest Washita bottom, bargains; settling up estate. Address R. J. Edwards, Oklahoma City. No agents.

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

ARE YOU LOOKING FOR THIS? GOOD land at a low price in the Sunny Uplands of Louisiana; land that can be made to produce more, and at less expense than the highest priced land in the North; land in an ideal climate where Winters are like Spring and Summers are cooled by the delightful Gulf Breezes; long growing seasons; Corn, Cotton, Winter Oats, Cattle, Hogs, Chickens, delicious Fruits, Potatoes, Sweet Potatoes, Peanuts, Beans, early and late Garden Truck, Strawberries, etc., etc.—an immense variety of products including practically all grown in the North and many besides. Low priced land near good, live towns and cities, with railroads running North and South, East and West; land having splendid possibilities for oil and located less than 100 miles from several of the largest oil refineries in the world. We have already sold more than 45,000 acres of this land. Price \$20 to \$30 per acre, the last named price being for a few partially improved farms; easy terms. Write us for full information, or come and see us; excursion rates; American Farm Land Company, DeRidder, Louisiana.

NEW FARM OPPORTUNITY IN ONE OF the greatest states in the Union. A new line of the Santa Fe is tapping a rich and fertile prairie section of Northwest Texas, near the Oklahoma line, where already many farmers have made good with wheat, hogs, and live stock. Here, if you act now, you can get first choice—get in on the ground floor of a great opportunity. You can get in ahead of the railway and the people whom the railway will bring. This is the chance of a lifetime for a man of moderate means. A certain number of thrifty, farseeing farmers can acquire good land at an astonishingly low figure and on long, easy terms. Why say goodbye to good rent money every year when same money invested here will pay big returns and make you owner of a fine big farm? If you have confidence that a great railroad, like the Santa Fe, would only recommend what it considers a good thing, and because it wants to see new territory developed and wants newcomers to prosper and produce, then write me today for particulars about this district. Climate is pleasant, rainfall comes in the growing season, winters are mild, stock can run open year around. Schools, churches, telephones, good roads. Everything here but enough men with their families. The farmers' best chance is on good low-priced land raising products that bring big returns. Will you be one of the fortunate first comers to reap the advantages of a section that has been inspected by a Santa Fe agricultural agent and pronounced right? Twenty-dollar-an-acre land here has made 26% yearly on investment, compared with 10% on \$150 land in Illinois and Iowa corn belt. Write me for our free illustrated folder with particulars, giving experience of farmers now here and results they have achieved in short time and on small capital. C. L. Seagraves, Industrial Commissioner, Santa Fe Railway, 932 Railway Exchange, Chicago.

PATENTS.

MEN OF IDEAS AND INVENTIVE ABIL- ity should write for new "List of Needed Inventions," Patent Buyers, and "How to Get Your Patent and Your Money." Advice free. Randolph & Co., Patent Attorneys, Dept. 25, Washington, D. C.

PATENTS—WRITE FOR HOW TO OBTAIN a Patent. List of Patent Buyers and Inventions Wanted. \$1,000,000 in prizes offered for inventions. Send Sketch for free opinion as to patentability. Our Four Books sent free. Patents advertised free. We assist inventors to sell their inventions. Victor J. Evans Co., Patent Attys., 825 Ninth, Washington, D. C.

TANNING.

LET US TAN YOUR HIDE: COW, HORSE, or calf skins for coat or robe. Catalogue on request. The Crosby Frisian Fur Co., Rochester, N. Y.

BUSINESS INSTRUCTION.

KANSAS CITY BUSINESS COLLEGE. The great business training School of the great Southwest. For free catalog address C. T. Smith, 1012 McGee St., Kansas City, Mo.

FOR SALE.

BALE TIES AT WHOLESALE PRICES. A. B. Hall, Emporia, Kansas.

FOR SALE OR TRADE, STOREBUILD- ing, 4 room house and 30 acres of land. T. J. White, Manning, Kan.

FOR SALE—RUMELY PLOW, FIVE BOT- tom, automatic lift. Wanted, Sanders 8 disc plow. G. E. Lee, Pratt, Kan.

FANCY SORGHUM—SAMMIE'S BRAND pure country Sorghum. \$5.50 per case. F. O. B. my station. Sixty pounds net weight. S. O. Casebier, Tonganoxie, Kan.

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

NEW CROP PEAS FOR TABLE USE. Whippoorwills per pound 8c, Black eyes, 11c, cream 12c. Express prepaid in 50 pound lots Oklahoma and Kansas points. Terms are cash with order. No parcel post or C. O. D. business accepted. Reference Merchants & Planters Bank. J. W. Rhone, Winnsboro, Texas.

FARMS WANTED.

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

STOCK HARDWARE AND IMPLEMENTS, also store building 65x80 feet with basement and ware room 25x150 feet. Will trade for Eastern Kansas land. Geo. W. Fleischer, Hoyt, Kan.

LUMBER AND BUILDING MATERIALS.

LUMBER AT WHOLESALE DIRECT FROM mill to you. McKee Lumber Co. of Kansas, Emporia, Kan.

MALE HELP WANTED.

WANT 2 MEN, 2 PLACES, BOTH STOCK and grain, pasture and range, for 1/2 grain. One at once; no stock; on shares; give work. Box 57, Tuttle, Colo.

AGENTS.

AGENTS: A ONE CENT POST CARD WILL put you in touch with an \$80 a week proposition selling Aluminum Utensils and Specialties direct to the consumer. Don't let one cent stand between you and prosperity. Div. B. H. P., American Aluminum Mfg. Co., Lemont, Ill.

HERE IS YOUR CHANCE. I HAVE GOOD openings for men in Colorado, Montana, Wyoming, Texas and other western states. Will pay a salary of \$25.00, or more, per week to men who can make good. One bank and two business references required. This work is just starting in the Western States so write today and get choice of territory. Address C. A. Nudson, 635 Capital Bldg., Topeka, Kansas.

MISCELLANEOUS.

FOR RENT—A GOOD FARM. T. J. GETZ, Hope, Kan.

CORN COBS WANTED IN CAR LOADS. Armour & Co., Kansas City, Kan.

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

WANTED TO BUY: HEDGE POSTS CAR- load lots. P. care M. & B. Topeka.

FREE, "POULTRY AND RABBIT RAIS- ing." Success Schools, Kansas City, Mo.

WANTED, CAR LOAD OF CORN, STATE price. H. R. Potter, Chandler, Okla., Rt. 4.

WORKERS, GET MORE! PRODUCER and Consumer's Voice, Kansas City, Missouri, will help; 3 months 10c.

WANTED TO BUY—WALNUTS, HICKORY nuts and Sweet clover any quantity. State bottom dollar. Box 40, Virgil, Kan.

ONE ROLL DEVELOPED FREE WHEN you order "one print from each" and send address of five kodak users. Reed's Studio, Norton, Kansas.

WANTED—GIRL OR WOMAN FOR GEN- eral housework in completely modern farm home close to town. Four in family. Steady work. Mrs. E. W. Dales, Eureka, Kan.

COLORADO NEEDS 10,000 GENERAL farmers, dairymen, stock, poultry and hog raisers; good markets, fine climate, schools, churches; agricultural and industrial map free. Write State Board of Immigration, 21 Capitol Bldg., Denver, Colo.

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

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

Malone's Jacks and Percherons. J. P. & M. H. Malone of Chase, Kan., are changing their card advertisement in this week's issue of Farmers Mail and Breeze. They are offering a nice line of extra good jacks, ranging in age from weanlings to 6 years old. All these jacks over 2 years old are well broke to serve. There are several fine herd headers among them. They are offering jennets in foal to home bred and imported jacks. They also have a few good imported Percheron stallions. If interested in this offering write today and mention Farmers Mail and Breeze.—Advertisement.

Duroc Herd Headers.

B. R. Anderson, R. 7, McPherson, Kan., has a few extra good Duroc boars to sell. One by Cherry Chief, two by Pathfinder, and two by King's Col. Jr. They are the kind that should head good herds. Mr. Anderson won first prize on his herd boar, Royal Grand Wonder, at Hutchinson State Fair, 1917, and has one of the really good herds of the state. Write him for prices and particulars regarding these herd header prospects. Mention Farmers Mail and Breeze.—Advertisement.

WHAT BREEDERS ARE DOING

FRANK HOWARD,
Manager Livestock Department.

FIELDMEN.

A. B. Hunter, S. W. Kansas and Okla., 128 Grace St., Wichita, Kan.
John W. Johnson, N. Kansas, S. Neb. and Ia., 820 Lincoln St., Topeka, Kan.
Jesse R. Johnson, Nebraska and Iowa, 1937 South 16th St., Lincoln, Neb.
C. H. Hay, S. E. Kan. and Missouri, 4204 Windsor Ave., Kansas City, Mo.

PUREBRED STOCK SALES.

Claim dates for public sales will be published free when such sales are to be advertised in the Farmers Mail and Breeze. Otherwise they will be charged for at regular rates.

Combination Sales.

Feb. 25 to Mar. 2—F. S. Kirk, Mgr., Wichita, Kan.

Jacks, Jennets and Stallions.

Jan. 30—Thompson Bros., Marysville, Kan.

Percheron Horses.

Dec. 15—J. C. Robison, Towanda, Kan.

Dec. 18—Everet & Ralph Proffitt, Chase, Kan.

Jan. 25—Kansas Percheron Breeders, Dr. C. W. McCampbell, Mgr., Manhattan, Kan.

Jan. 30—Spohr & Spohr, Latham, Kan.

Feb. 26—Geo. S. Hamaker, Pawnee City, Neb.

Holstein Cattle.

Dec. 3-4—Albechar' Holstein Farm, Inde- pendence, Kan.

Dec. 6—E. S. Engle & Son, Abilene, Kan.

Hereford Cattle.

Dec. 18—Mousel Bros., Cambridge, Neb.

Dec. 20—Blackwood & Wilkinson, Edison, Neb. Sale at Oxford, Neb.

Polled Durham Cattle.

Dec. 12—Jos. Baxter, Clay Center, Kan.

Shorthorn Cattle.

Dec. 11—T. B. Reed, Ottawa, Kan.

Dec. 13—Shorthorn Breeders, D. T. Meek, sale mgr., Enid, Okla.

Dec. 20—B. M. Lyne, Oak Hill, Kan. Sale at Abilene, Kan.

Jan. 26—O. A. Tiller, Pawnee City, Neb.

March 5—K. F. Dietsch, Orleans, Neb.

March 7—Frank Uhlig, Falls City, Neb.

April 2—Blank Bros. & Kleen, Franklin, Neb. Sale at Hastings, Neb.

April 6—Thomas Andrews, Cambridge, Neb., and A. C. Shellenberger, Alma, Neb. Sale at Cambridge.

Chester White Hogs.

Jan. 17—Henry Wiemers, Diller, Neb.

Jan. 18—Wm. Buehler, Sterling, Neb.

Feb. 20—Mosse and Murr, Leavenworth, Kan.

Duroc Jersey Hogs.

Dec. 5—J. U. Howe and W. D. McComas, Wichita, Kan.

Dec. 14—McNulty & Johns, Strausburg, Mo.

Jan. 21—W. M. Putman & Son, Tecumseh, Neb.

Jan. 22—Dave Boesiger, Cortland, Neb.

Jan. 23—Dallas Henderson, Kearney, Neb.

Jan. 23—Geo. Briggs & Sons, Clay Center, Neb.

Jan. 23—W. H. Swartsley & Son, Riverdale, Neb.

Jan. 24—H. E. Labart, (night sale), Over- ton, Neb.

Jan. 24—H. A. Deets, Kearney, Neb.

Jan. 26—Farley & Harney, Aurora, Neb.

Jan. 26—O. A. Tiller, Pawnee City, Neb.

Jan. 30—C. B. Clark, Thompson, Neb. Sale at Fairbury, Neb.

Feb. 1—O. E. Harmon, Fairmont, Neb.

Feb. 4—H. D. Geiken, Cozad, Neb.

Feb. 5—R. W. Idle & Sons, Genoa, Neb.

Feb. 7—F. J. Moser, Goff, Kan. Sale at Sa- betha, Kan.

Feb. 14—B. R. Anderson, McPherson, Kan.

Feb. 15—Earl Babcock, Fairbury, Neb.

Feb. 18—Combination sale, W. W. Jones, Mgr., Clay Center, Kan.

Feb. 18—Robt. E. Steele, Falls City, Neb.

Feb. 18—Howell Bros., Herkimer, Kan.

Feb. 19—Theo. Foss, Sterling, Neb.

Feb. 20—W. T. McBride, Parker, Kan.

Feb. 20—John C. Simon, Humboldt, Neb.

Feb. 21—Gilliam & Brown, Waverly, Neb.

Feb. 21—Milton Poland, Sabetha, Kan.

Feb. 26—J. A. Bockenstette, Fairview, Kan.

Feb. 26—Henry Wernimont, Okla., Neb.

March 2—O. E. Easton, Alma, Neb.

March 5—E. P. Flanagan, Chapman, Kan.

Mar. 7—Otey-Woodell, Winfield, Kan.

Hampshire Swine.

Feb. 4—A. H. Lindgren and Wm. H. Nider, Jansen, Neb. Sale at Fairbury, Neb.

Feb. 5—Carl Schroeder, Avoca, Neb. Sale at Council Bluffs, Iowa.

Feb. 9—R. C. Pollard, Nehawka, Neb.

Poland China Hogs.

Dec. 20—B. M. Lyne, Oak Hill, Kan. Sale at Abilene, Kan.

Jan. 28—J. L. Carman, Cook, Neb.

Feb. 1—J. J. Hartman, Elmo, Kan.

Feb. 4—W. E. Willey, Steele City, Neb.

Feb. 6—Wm. McCurdy, Tobias, Neb.

Feb. 7—Von Forrell Bros., Chester, Neb.

Feb. 8—Smith Bros., Superior, Neb.

Feb. 9—John Naimen, Alexandria, Neb.

Sale at Fairbury, Neb.

Feb. 9—J. M. Steward & Son, Red Cloud, Neb.

Feb. 11—D. C. Lonergan, Florence, Neb.

(night sale).

Feb. 20—Bert E. Hodson, Ashland, Kan.

Sale at Wichita, Kan.

Feb. 21—A. J. Erhart & Sons, Ness City, Kan. At Hutchinson, Kan.

Feb. 25—O. E. Wade, Rising City, Neb.

Feb. 26—Geo. S. Hamaker, Pawnee City, Neb.

Feb. 27—O. B. Clemetson, Holton, Kan.

March 1—Beall & Wisell, Roca, Neb.

S. W. Kansas and Oklahoma

BY A. B. HUNTER.

Lookabaugh Sells Poland Chinas.

H. C. Lookabaugh, Watonga, Okla., the well known breeder of Shorthorn cattle and large type Poland China hogs, will make an absolute dispersion sale of Poland Chinas, at auction Wednesday, December 19. Last March Mr. Lookabaugh held a dispersion sale of Poland Chinas but many of his sows were not in condition and owing to the large number left over this sale will be made. His hogs are of the best large type breeding. The herd boars and many of his herd were strong competitors at the fairs winning many of the most coveted prizes. Sixty head will be cataloged, every hog im-

mune, and all go in this sale, regardless of price, without reserve. His Shorthorn business now requires his entire time. Write today for illustrated catalog mentioning Farmers Mail and Breeze.—Advertisement.

Robison's Annual Percheron Sale.

Special attention is called to the announcement of J. C. Robison's twenty-third annual sale which is advertised elsewhere in this issue. Mr. Robison is too well known to Kansas farmers and breeders to require special comment on his offering. He will sell 50 imported and American bred Percherons, stallions, mares and colts. There are probably more sons and daughters of Casino, to be sold in this sale than ever will be included in another auction. A very special attraction of this offering is Koulet, an 8 year old, imported son of the \$40,000 Carnot. Koulet weighs 2100 pounds and is probably the best bred and highest class stallion that will be sold in an auction sale this year. Write today for catalog of this great offering. Please mention this paper.—Advertisement.

Percheron Sale at Chase, Kan.

Ralph and Everet Proffitt, Chase, Kan., will sell at auction Tuesday, December 18, 18 head of Percherons, consisting of 15 mares and fillies and three stallions. These mares include both American bred and imported and several of them are in the ton class. Several of these young mares are daughters of these big imported mares. The stallions consist of one weanling and two yearlings. These are richly bred Percherons and farm raised and broke to work. Most of the mares and fillies of breeding age are showing in foal or are bred to excellent sires. They are all registered in the Percheron Society of America and every animal sells with every known defect, if any, called sale day. If you want good Percherons do not miss this sale. Write today for catalog. Address Proffitt Brothers, Chase, Kan.—Advertisement.

Bowman & Co. Has Good Sale.

W. I. Bowman & Co., Ness City, Kan., whose sale of Hereford cattle was held at Hutchinson, Kan., Monday, November 19, demonstrated beyond a doubt, the growing popularity of Bowman & Co.'s Herefords. One hundred and six females sold for an average of \$442.17 and the 30 first bulls sold for an average of \$531. O. J. Danner, Ness City, Kan., took the top female at \$2,250 and John Edwards, Eureka, Kan., topped the bull offering at \$3,700 for Lord Generous, a 2-year-old son of Generous 5th and out of a Militant dam. A. J. Erhart & Sons bought the show and breeding bull Samson for even \$2,000. Buyers were present from many parts of Kansas and adjoining states. The holding of this sale at Hutchinson, Kan., was much appreciated by their many customers from the East, North and South. The growing popularity of Bowman & Co.'s Hereford cattle sales is not only due to their courteous treatment of customers but also due to the fact that their large herd gives opportunity to select, for sale purposes, only Herefords of exceptional breeding merit.—Advertisement.

Lookabaugh's Beginners' Sale.

H. C. Lookabaugh, Watonga, Okla., at Pleasant Valley Stock Farm, under the auspices of the Beginners' Department, sold at auction, November 20, 81 Shorthorns, for a total of \$21,810, or an average of \$269.25. The 48 cows averaged \$295.55. The 18 bulls averaged \$295.55 and the 15 calves offered to the calf club girls and boys averaged \$150. The top price paid for females was \$585, paid by Huston Miller, Saskia, Okla., for Lady Maud 5th, a granddaughter of Imp. Lady Maud 3d and her heifer calf by Nonpareil 3d. Roy Henderson, Maysville, Okla., topped the bull sale at \$775 for a son of Imp. Graceful 29th. The sale was patronized by farmers and beginning breeders from all parts of Oklahoma and was a decided success. The object of Mr. Lookabaugh was to select cattle for this sale to those who wished to begin in the Shorthorn cattle business. The success of his plan proved beyond a doubt the general interest in registered Shorthorns by the farmers and calf club boys and girls of Oklahoma.—Advertisement.

Nebraska and Iowa

BY JESSE R. JOHNSON.

Henry Wernimont of Okla., Neb., an- nounces a bred sow sale to be held February 26. Mr. Wernimont has one of the good herds of Southern Nebraska and this sale should attract buyers from a long distance. His principal boars are Crimson Defender and a splendid son of Pathfinder.—Advertisement.

O. E. Easton, a very successful breeder of registered Durocs at Alma, Neb., announces a big bred sow sale to be held March 2. On that date he will sell about 125 head of bred sows, fall pigs, etc. He has much King The Col., Illustrators and Golden Model breeding.—Advertisement.

Dietsch Claims Date.

BIG BARGAINS IN REAL ESTATE

Dealers whose advertisements appear in this paper are thoroughly reliable and the many bargains are worthy of your consideration

Special Notice All advertising copy discontinuance or change of copy intended for the Real Estate Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication to be effective in that issue. All forms in this department of the paper close at that time and it is impossible to make any changes in the pages after they are electrotyped.

FOR CHEAP WHEAT LAND SEE
J. E. Stohr, Ensign, Kansas.

160 A., S. W. of Copeland, sown to wheat, 1/2 goes. Beard-Hall Land Co., Dodge City, Kan.

HOTELS FOR SALE—Furniture and lease a specialty. E. Coltrane, Hutchinson, Kan.

320 A. IMP. stock and dairy farm. 120 cult. 2 ml. out. \$45 a. S. L. Karr, Council Grove, Kan.

WESTERN KAN. LAND. Farm and ranch lands. \$5 to \$25 a. J. E. Bennett, Dodge City, Kan.

320 A., 3 MI. TOWN. ALL IN GRASS. All level, no imp. Price \$7,000. Terms on part. H. J. Settle, Dighton, Kan.

4 SECTIONS of good ranch land in a body located about 11 ml. S. W. of Elkhart, Kan. \$10 a. Earl Taylor, Elkhart, Kan.

240 ACRES IMPROVED, 7 miles from town, 210 acres cultivated, 140 acres in wheat, 1/2 goes. \$13,000. Box 99, Pratt, Kan.

GOOD WHEAT SECTION; well located; will split; some in cultivation. \$25 per acre. Good terms. C. W. West, Spearville, Kan.

TWO SNAPS. 112 a. imp., fine soil, \$90 a. 160 a. imp., \$50. Decker & Booth, Valley Falls, Kan.

IMPROVED farms and stock ranches. \$10 and up. Choice unimproved lands at \$7. Write for particulars. Burton & Son, Syracuse, Kan.

125 A. IMP., 80 cult., bal. grass.....\$75 a. 480 a. imp., 160 cult., bal. grass.....\$60 a. Triplett Land Co., Garnett, Kan.

WANTED farmers to buy bargains in our good N. Florida agricultural and stock lands. J. B. Streeter, Burbridge Hotel, Jacksonville, Fla.

COFFEY COUNTY hay, pasture and improved farm land from \$30 to \$75 an acre. Write me what you want. C. N. Phillips, Gridley, Kansas.

LANE CO., 1760 acres 1 ml. market, 80 rods school, 400 acres farmed, bal. fenced, imp., \$18 an acre. A few \$10 quarters left. Get list. C. N. Owen, Dighton, Kan.

IMPROVED 160 A., close to town and school; 120 in cultivation. Possession March first. Price \$25 per a. Terms. The King Realty Co., Scott City, Kan.

FERTILE KANSAS LAND CHEAP

Those who located in Central Kansas 20 years ago are the big farmers today. Their land has made them independent.

Your chance now is in the five Southwestern Kansas counties adjacent to the Santa Fe's new line, where good land is still cheap.

With railroad facilities this country is developing fast. Farmers are making good profits on small investments. It is the place today for the man of moderate means.

Wheat, oats, barley, speltz, kafir and broom corn, milo and feterita grow abundantly in the Southwest counties referred to. Chickens, hogs, dairy cows and beef cattle increase your profits.

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 per cent—price \$10 to \$15 an acre.

Write for our book of letters from farmers who are making good there now, also illustrated folder with particulars of our easy-purchase contract. Address

E. T. Cartledge,
Santa Fe Land Improvement Co.,
1891 Santa Fe Bldg., Topeka, Kan.

80 ACRES 4 ml. town, 4 room house, barn, well, 1/2 ml. school, alfalfa meadow, wheat, price \$45 acre, \$1000 down.
F. H. Atchison, Waverly, Kan.

280 ACRES Neosho river bottom, 40 alfalfa, 110 acres wheat, good buildings, 3 miles to High School, \$100 per acre. Write for list.
T. B. Godsey, Emporia, Kan.

160 ACRES, level land in Quaker settlement, 1 ml. school and 1 1/2 ml. church, 10 ml. R. R. town; on phone line. Price \$3000.
John A. Firmin & Co., Hugoton, Kan.

320 A., 4 miles of two Kingman Co. towns, new house, 170 a. in cult., 150 a. meadow grass, close to Catholic church. Price \$1200.
John Collopy, Taron, Kan.

3600 ACRE RANCH, Pawnee Valley; 350 cultivated. Well improved. Running water. All tillable. 250 acres wheat; one-third goes. \$25 an acre. D. A. Ely, Larned, Kan.

320 ACRES all level, 2 1/2 miles town, well improved, limestone soil. \$85 acre. Terms. 80 miles southwest Kansas City.
F. H. Atchison, Waverly, Kan.

HASKELL COUNTY, the best one in S. W. Kansas. Write how much you want, how far from Ry. station and how much you can pay down. No trades.
R. E. Colburn, Satanta, Kan.

FINE WHEAT SECTION. Level square section in Wichita County, 7 miles from town, good well, all in grass. For quick sale, \$6,000.
F. C. Watkins, Ness City, Kan.

320 A., imps. \$1600; 120 a. cult., bal. pasture. Phone and school. \$3,300. 640 a. smooth wheat land \$8.50 per acre. 160 acres, up, \$7.00 to \$8.00 per acre.
Western Kansas Land Co., Leoti, Kan.

LANE CO. farms and ranches for sale. Low prices, easy terms. Have a few propositions in Lane, Scott, Greeley, Trego and Ness counties to trade. Write for list. If it's a trade, describe and price your property in first letter. V. E. West, Dighton, Kan.

DAIRY, STOCK AND GRAIN FARM. 120 acres, 3 miles town, slightly location, good road, rural delivery, phone, 35 acres alfalfa, 50 acres blue grass pasture, never failing well spring, running water, good 7 room house, new barn, holds 60 cattle, 10 horses, 60 tons hay, new granary, cement cave, good fences. Land all lies well. One of the best farms in Eastern Kansas; 90 miles from Kansas City. \$75 acre, carry half if desired.
W. H. Lathrom, Waverly, Kansas.

NESS COUNTY

Good wheat and alfalfa lands at from \$15 to \$30 per acre. Also some fine stock ranches. Write for price list, county map and literature.
Floyd & Floyd, Ness City, Kan.

Lane County

Write me for prices on farms and ranches, wheat, alfalfa and grazing lands.
W. V. Young, Dighton, Kan.

160 ACRES FOR \$2500

Near Geuda Springs; good loam soil; improved; 30 past.; 15 hay, 50 wheat, bal. cult.; only \$7500; \$2500 cash, bal. \$500 yearly.
R. M. Mills, Schweiter Bldg., Wichita, Kan.

160 ACRES \$1760

Located 7 miles from Liberal, sandy farm land. Half cultivated, near school. Snap at \$1760. Terms \$440 cash, bal. easy payments, 6%. Write owners.
Griffith & Baughman, Liberal, Kan.

BARGAIN

320 acres 1/2 mile town, finely improved. 1/2 bottom land, best stock and grain farm in Kansas. Price \$75 per acre.
Gile & Bonsall,
South Haven, Sumner Co., Kan.

SETTLING AN ESTATE

Land must sell. Stock farm, 320 a., 2 ml. S. of Bronson, Bourbon Co., Kan. House, barn, sheds, scales and windmill, \$35 per a. 160 a., 1/2 ml. S. Bronson, no imps., level, part tiled. Nearly all can be cultivated. \$50 per a. Oil and gas wells within a few miles. Address Jas. T. Lardner, Executor, care Board of Administration, Topeka, Kansas.

FOR QUICK SALE

One of the best 180 acre river bottom farms in Lyon County. Price \$140 per acre. 100 acres for quick sale, all good land. Price \$75 per acre.
P. M. Hedrick, Emporia, Kan.

A BARGAIN

160 a. 1 1/2 ml. of town, 5 r. house, good barn, 20 a. in wheat, fenced, good water. Price \$40 an a. \$2000 handle. Other bargains in any size tract. Write
Geo. M. Reynolds, Waverly, Kansas.

210 A. CHOICE LAND. 40 a. alfalfa; 40 a. wheat; 30 a. tame grass; remainder cultivation. 5 room house; large barn. \$85 per acre. Come at once or write for list of farm bargains.
Mansfield Land Co., Ottawa, Kan.

CHASE COUNTY RANCH. One of the best 640 a. stock ranches, 8 ml. from shipping point. 85 a. cult., timber, running water, fine spring, splendid improvements. 575 a. bluestem pasture; good condition. \$40 per a. Liberal terms.
J. E. Bockook & Son, Cottonwood Falls, Kan.

FOR SALE. Grain and stock farm, 400 acres, Pawnee Co. 160 acres cultivated, 60 hay, balance pasture. Improved. Price \$40 per acre. Will carry ten thousand and furnish 40 cows on the shares, also ten brood sows.
E. W. Moore, Spearville, Kan.

124 ACRES located 4 miles of Ottawa, Kan. Located on the Santa Fe Trail road, oiled road to town; 25 acres alfalfa; 25 acres blue grass pasture; 15 acres timothy and clover; remainder corn; close to school and church, fine location, fine home. Price \$100 per acre. Good terms if wanted.
Casida & Clark, Ottawa, Kan.

MISSOURI

GOOD CROPS here. 40 a. valley farm \$1000. Free list. McGrath, Mountain View, Mo.

ATTENTION! Farmers. If you want to buy a home in Southwest Missouri, write Frank M. Hamel, Marshallfield, Mo.

BARGAIN 40 and 80 a. improved. \$1000 each. Terms. Write for list. Your choice.
J. H. Engelking, Diggins, Mo.

NO CROP FAILURES in the Ozarks. Many good farms for sale. Real bargains. Write Geo. B. Corn, 420 College St., Springfield, Mo.

FOR STOCK and grain farms in Southwest Missouri and pure spring water, write, J. E. Loy, Flemington, Missouri.

POOR MAN'S CHANCE—\$5.00 down, \$5.00 monthly, buys 40 acres grain, fruit, poultry land, near town. Price only \$200. Other bargains. Box 425-O, Carthage, Mo.

198 A., WELL IMP. 140 CULT. 100 a. valley, balance timber pasture. Spring water piped over farm. 3 1/2 ml. Neosho. Model farm. \$82.50 a. terms.
John V. Fleming, Neosho, Mo.

200 ACRES, three miles of Billings, twenty-five miles of Springfield, Mo. Well improved. Seventy acres sown to wheat. Very cheap at \$65 per acre. If you want to buy a farm, write us as we have some good places, 40 acres up. We only advertise good farms. Try us and be convinced. Keystone Realty Co., 418 College Street, Springfield, Mo.

FLORIDA

WHOLESALE AND RETAIL TRACTS in the highlands of Florida, Orange Co., choicest section of the state, bargain prices, or will exchange for middle west farms. Write for literature. Florida Good Homes Co., Searritt Bldg., K. C., Mo.

FARMERS AND STOCKMEN, READ THIS. WESTERN FLORIDA. DeFuniak Springs, the last great west and best. West Florida. Are you looking for a home in the South? Do you want to buy direct from owner and get land worth while in a climate that is unsurpassed? We are offering to settlers unparalleled bargains. Our terms reasonable. We want substantial farmers and stock raisers, those who can raise hogs, sheep and cattle, corn, sugar cane, sweet potatoes, Japanese cane, Irish potatoes, velvet beans and other forage crops. If interested, write for our booklet; tell us what you want. We own 48,000 acres of good high land. Sold only in 40 acres or more.
The R. E. L. McCaskill Company,
DeFuniak Springs, Florida.

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.

"LAND OFFERINGS ALONG THE KANSAS CITY SOUTHERN RAILWAY" contains a list of improved farms and unimproved farms offered for sale along this railroad. If you want a farm home at the lowest cost in a country in the rich soil, good markets and fine climate, write for a copy, sent free of cost. Address Immigration Bureau, No. 512 K. C. S. Bldg., Kansas City, Mo.

COLORADO

\$10 PER A. buys of, non-resident 640 a. 2 similar sections in beans and wheat, actually produced \$60,000. Promised \$2 wheat, why hesitate? King Realty Co., Greeley, Colo.

OKLAHOMA

LAND BARGAINS, oil leases. Write for list. Roberts Realty Co., Nowata, Okla.

FOR SALE. Good farm and grazing lands in Northeastern Oklahoma. Write for price list and literature.
W. C. Wood, Nowata, Oklahoma.

1,350 A. RANCH 3 ml. R. R. town this county. 1/2 prairie, bal. scattering timber. 5 room house. 40 a. cult. Good fence, plenty water. \$12.50 per a.
Southern Realty Co., McAlester, Okla.

Natural Gas Farm for Sale

540 a. 7 ml. from Wagoner, Okla., level and nearly all cultivated; new nine room house, two cement silos and other improvements. 70 a. in Bermuda grass pasture, 135 a. in wheat, 20 a. hog pasture. Place is fenced; on Rural Route and phone. Gas from large gas well in center of farm furnishes free light, heat and farm power, and free use of this goes with farm. An ideal stock and grain farm. Am a lawyer and can't farm and practice law. Incumbrance \$7,700. Price \$50 per acre. I own several smaller farms that I will sell at a bargain. Parties dealing with me directly will save commission. Parties interested, address
W. T. Drake, owner, Wagoner, Okla.

ARKANSAS

WRITE for list. Stock, dairy and fruit farms. Rogers Land Co., Rogers, Arkansas.

FOR \$600. Imp. 155 1/2 a., close in, running spring. Ark. Investment Co., Leslie, Ark.

160 ACRES, 80 cult. Orchard. No rocks. \$20 acre. Robert Sessions, Winthrop, Ark.

80 A. 3 MI. R. R. STATION; 50 a. cult. Good improvements; good water and orchard. \$2,000. Terms. Wallace Realty Co., Leslie, Ark.

55 A. IMP., 5 a. timber, bal. cult., pas., 16 a. good. \$75 a. Terms. Benton best Co. J. S. Ottinger, Pea Ridge, Ark.

IF YOU WANT A GOOD FARM at reasonable prices, write for our list. Dowell Land Co., Walnut Ridge, Ark.

320 ACRES well improved, bottom farm, 2 1/2 miles good railroad town, 1/2 mile good school, R. F. D. A real value. Price \$8,000, easy terms. J. M. Doyel, Mountainburg, Ark.

120 ACRES SMOOTH LAND, 110 cultivation, two sets improvements, on public road, 1 mile of station, good neighborhood, \$4500.
E. H. Fair, Centerton, Arkansas.

WISCONSIN

30,000 ACRES our own cut over lands. Good soil, plenty rain. Write us for special prices and terms to settlers.
Brown Bros. Lumber Co., Rhinelander, Wis.

SALE OR EXCHANGE

WESTERN and Central Kansas land, sale or exchange. E. G. Howell, Sylvia, Kan.

MISSOURI FARMS FOR SALE and trade. Stephens & Brown, Mt. Grove, Mo.

TRADES EVERYWHERE, book free. See us before buying. Bersie, El Dorado, Kan.

OZARKS OF MO., farms and timber land, sale or ex. Avery & Stephens, Mansfield, Mo.

GOOD imp. S.-W.-Oklahoma farms for sale and exchange. Box 126, Mangum, Okla.

FOR illustrated booklet of good land in southeastern Kansas for sale or trade write Allen County Investment Co., Iola, Kan.

GOOD, unimproved, level section, eight miles south of Wallace, Kan., to exchange for merchandise or clear eastern land. Price \$12,000. Western Realty Co., Ellis, Kan.

60 ACRES, IMPROVED; 4 ml. N. E. Siloam Springs. All tillable. 700 apple, 50 pear, 100 peach, 50 cherry trees. \$5,000.00. Merchandise or clear residence.
E. J. Jasper, Council Grove, Kan.

FOR SALE AND EXCHANGE. Northwest Missouri, Iowa and Nebraska choice farms; the greatest grain belt in the United States. Get my bargains.
M. E. Noble & Co., St. Joseph, Mo.

WHEAT LAND 1200 acres in all, 320, out 5 miles, 130 wheat 1/2 goes, all good farm land. Enc. \$3300, price \$30 acre. Another 320, out one mile, 100 acres cult., all can be. Enc. \$3000, price \$25 per acre. 400 acres, out 7 miles, 100 cult., some wheat, 1/2 with deal. living water. 160, out 12 miles, 100 acres wheat 1/2 rent. Enc. \$950, price \$3200. Trade all or any two tracts for mdse. Don't want bldgs. No improvements on any of these.
Buxton Rutherford Land Co., Utica, Kan.

Losses of Hogs from Cholera

During the year ending March 1, 1917, 36,188 hogs died of cholera in Kansas, or 61 per cent of the total number lost from diseases of all kinds, as against 192,386 last year, or approximately 85 per cent. The total loss from diseases, in the year ending March 1, 1917, is less than that recorded in any year of which the state board of agriculture has a

record. The greatest loss shown by such records was in 1912, when 437,639 swine succumbed. In 1895, the first year such data was gathered, 154,279 deaths were reported, practically three times that shown for the year just past.

The larger losses from cholera during the last year occurred in Butler county, which reported 2,644 deaths, followed by Smith with 1,819, Jewell 1,703, Washington 1,649, Brown 1,612, and Osage 1,426.

The counties reporting the heavier losses are mostly in the Northern part of the state extending from Smith county eastward, but there counties are leaders in hog population.

Among the notable examples of the reduction of cholera in the last year are Lyon county, which reported 11,677 head lost a year ago as compared to 251 this year, a decrease of 11,426. Other counties reducing their losses from cholera

more than 3,000 are Smith, Jewell, Reno, Linn, Bourbon, Barber, Geary, Saline, Rawlins, Pratt, Thomas, Republic, Jefferson, Ford, Shawnee and Osage; those making reductions between 2,000 and 3,000 are Labette, McPherson, Jackson, Allen, Atchison, Sedgwick, Sumner, Harvey, Ottawa and Nemaha.

Wood should be used more generally instead of coal for fuel in Kansas.

What Breeders are Doing

(Continued from page 27.)

ity, will equal anything that will sell anywhere. Write for catalog that gives breeding of every animal. Mention Nebraska Farm Journal when writing. Mousel Brothers sell December 18 and H. Gaudreault & Son, December 19. Plan to attend all three sales.—Advertisement.

Anxiety Hereford Auction.

Mousel Brothers, Cambridge, Neb., will hold another of their great Hereford sales at Cambridge, December 18. They sell 100 head, consisting of 40 bulls in age from 10 to 24 months and 60 females of all ages. This is to be a select offering in every way. Never before has this firm sold such a great bunch of good Herefords. Perhaps no sale held in recent years has contained such a high percent of Anxiety 4th breeding. The brothers say they are keeping nothing better than they are selling and in order to present the most attractive offering possible they are making a fair division and offering males and females that perhaps should remain in the herd. Twenty-five of the bulls will be sons and grandsons of the great bull, Beau Mischief, and a big lot of the females will be bred to his sons, including Beau Mischief Jr., Beau Mischief 6th and others. All of the cows are of good ages and splendid producers. A big illustrated catalog has been issued and will be sent free, to parties that ask for it. When writing please mention this paper. H. Gaudreault & Son sell Herefords at Farmington, Neb., December 19, and Blackwood & Wilkinson sell at Oxford, December 20. Plan to attend all three sales.—Advertisement.

N. Kansas, S. Nebr. and Ia.

BY JOHN W. JOHNSON.

Carl F. Smith, Cleburne, Kan., breeds Spotted Poland Chinas. He offers nice spring gilts and tried sows, bred and open, and some nice October pigs in pairs and trios not related. He will also sell his herd boar. Write him.—Advertisement.

Olson Brothers, Assaria, Kan., breed Hampshires. They have 40 spring gilts and will price all or any number of them at farmer's prices to move them quick. They also have a few spring boars left; also 50 September pigs that will be sold cheap. Pedigree with every pig. Write them at once and mention the Farmers Mail and Breeze.—Advertisement.

R. H. McCune, Longford, Kan., Clay county who has advertised his Spotted Poland Chinas in the Farmers Mail and Breeze in former years is starting his advertisement again in this issue. He is offering 30 fall and spring gilts for sale, bred or open. Also some spring boars and a few tried sows. Anyone wanting bred sows or gilts or a boar should write Mr. McCune at once. All are well spotted and in the best of breeding condition. His advertisement will be found in the Poland China section of the Farmers Mail and Breeze.—Advertisement.

Benton County, Arkansas.

This county has 2 million bearing apple trees. The county is especially well supplied with fine spring water. The dairy cow, brood sow and the hen do well in this section. Benton county is the northwest county of the state. It is populated almost exclusively with white people. Church and moral advantages are unexcelled and the moral and social standards of the people are high. Further information concerning this county can be had by writing any of our Benton county real estate advertisers.—Advertisement.

The Cottrell Herefords.

In this issue of the Farmers Mail and Breeze appears the advertisement of Fred R. Cottrell, Irving, Kan., in which he is offering some Hereford bulls and choice heifers. Look up the advertisement and write today as this advertisement will not appear again. His offer on bulls is very liberal. The same offer on heifers. Don't forget the Blue Valley Breeding Farm for Herefords, Poland and Barred Rock chickens. It is one of the oldest breeding establishments in the country. He has 100 breeding cows in the herd now. His big modern barn which is illustrated in his advertisement in this issue is one of the most up to date in the West. Write him about a bull.—Advertisement.

Paying Holstein Cows.

E. S. Engle & Son, Abilene, Kan., are advertising their big annual Holstein sale in this issue of the Farmers Mail and Breeze. They sell 50 head of purebred and high grade Holstein cows and heifers in this sale and it is a dispersion of the high grade part of this dairy herd. In this offering, for that reason, will be sold some cows and heifers that you couldn't duplicate anywhere in the West, very likely. But they go in this sale for what they bring. This firm belongs to the Pioneer Cow Testing Association and practically all the cows sold will be sold with these tests. There will be 10 young, purebred cows with A. R. O. records. You can't beat this sale if you really want Holstein cows and want the kind that are proven payers. Write for the catalog and tell them where you saw their advertisement, as they like to know this. The catalog is ready to mail.—Advertisement.

Shorthorn Dispersion.

Elsewhere in the livestock columns of this paper is a display ad announcing the dispersion of the Shorthorn herd of T. B. Reed of Ottawa, Kan. Mr. Reed has spent years in developing this herd, and has succeeded in getting a very fine class of cow and heifer stuff. The cows are big and smooth and great breeders. The coming 2 year old heifers are beauties. About half roan and half red. Some are bred to a pure Scotch bull, the balance are open. There will be three good young bulls in the sale. All are good reds and one is an extra good individual. The entire offering is in ideal condition, not fat nor pampered but in good flesh and in splendid shape to go thru the winter. If you want to buy some high class females, the big and regular breeding kind, something that is sure to make you money come to this sale December 11. Col. H. B. Rule has charge of the sale. Write him for catalog.—Advertisement.

Amcoats's Shorthorn Bulls.

S. B. Amcoats, Clay Center, Kan., has enjoyed a good demand for bulls so far

and still has 14, all of the younger ones for sale. They are from 8 to 12 months old and one of the nicest bunches of bulls the writer ever saw on the Amcoats farm and he has seen some good ones there. They are about half roans and the other half red. They represent good families of noted Shorthorns and will be priced reasonably. Type's Goods is coming along in fine shape and this fall crop of calves is sure gratifying because it proves the assertion so often made that a good bull is half the herd. Type's Goods was sired by Cumberland Type and bred by C. A. Saunders, Manilla, Ia., and Mr. Amcoats bought him one year ago this fall paying a pretty stiff price for him but as an individual and as a breeder he is proving more than satisfactory. Look up Mr. Amcoats's advertisement in the Shorthorn section and write him about one of these young bulls. Mention the Farmers Mail and Breeze when you write as he likes to know where you saw his advertisement.—Advertisement.

Poland China Gilts.

John Blough, Americus, Kan., Lyon county, is advertising in the Poland China section of the Farmers Mail and Breeze, 30 March Poland China gilts, sired by Our Big Knox 82153, by Big Knox, by Big Bone. About half are by this great, 2-year-old sire, owned by Mr. Blough and the other half are by Grandee 76161. These 30 bred gilts that Mr. Blough is offering at private sale are the best lot of gilts I have seen this season and I am not sure I ever saw 30 that were as good in one lot before. They are simply great and no mistake. The dams are all by B's Big Orange, by Big Orange and they are big, smooth sows, weighing up around 700 pounds and even better. These gilts are being bred to a splendid boar and priced worth the money. They are all immunized with the double treatment and are certainly as desirable as will be found anywhere. There is hardly enough of them to make a public sale offering and Mr. Blough prefers to sell them privately, less the expense of a sale and the feed from now until February. They have been well grown and are in just fine breeding form. Write for prices and if you want a few good ones this is sure your chance. Look up the advertisement in this issue of the Farmers Mail and Breeze.—Advertisement.

Mosse's Chester White Hogs.

Arthur Mosse, Leavenworth, Kan., proprietor of the Kansas herd of Chester White swine is a regular advertiser in the Farmers Mail and Breeze. The writer has visited his herd several times and is convinced that it is one of the outstanding herds, both in individual merit and blood lines, to be found anywhere in the West. At the fairs each season he lands more than his share of the blue ribbons and his sales to other breeders always give satisfaction, a fact always worthy of mention. The herd was founded 17 years ago and every effort during these years has been to make the herd better and stronger in every way. The most popular blood lines of the breed are to be found in Arthur Mosse's herd. As evidence of the fact that nothing but good ones are shipped from the herd he has adopted the plan of naming each pig when it is shipped which is becoming popular. Write him today for prices and descriptions of anything you want. Mr. Mosse is the secretary of the Chester White breeders association of Kansas. Always mention the Farmers Mail and Breeze when you write him.—Advertisement.

Baxter's Reduction Sale.

Joseph Baxter's big reduction sale of Shorthorns and Polled Durhams at the Agricultural college, Wednesday, December 12 should certainly attract Shorthorn and Poll Durham breeders from all over the country. Mr. Baxter is holding the sale in the college livestock judging pavilion in order that everybody will be comfortable, regardless of the weather. The sale offering, of 50 head, is one of the largest offerings of the kind to be made this far west this season. A big attraction in the sale is the great Poll Durham show and breeding bull, Select Goods. This great bull won 10 firsts at state fairs and three grand championships. He is sold in the best of breeding condition. He will not carry flesh enough to make him show off well but he will be in splendid condition.

Livestock Catalogs Any breed, any style. We arrange all details. No trouble to you. Price reasonable. G. A. Lande, Mgr. LYONS PUBLISHING CO., LYONS, KANSAS

HAMPSHIRE HOGS.

REGISTERED HAMPSHIRE 130 gilts and boars, all registered. Cholesterol immunized. Satisfaction guaranteed. C. E. LOWRY, Oxford, Kan.

Hampshire Pigs Pedigree with each pig. Farm raised S.C.B. Leghorn Chks. for sale. Geo. A. Hammond, Smith Center, Kan.

HALCYON HAMPSHIRE Strong in the blood of Gen. Tipton 1877, Pat. May 1415, Cherokee Lad 9029. Choice fall boars and spring pigs for sale. GEO. W. ELA, Valley Falls, Kan.

SHAW'S HAMPSHIRE 200 head in herd. Sows bred to and spring pigs by a son of the undefeated Messenger Boy. WALTER SHAW, R. 6, WICHITA, KANSAS Phone 3818, Derby, Kansas

500—HAMPSHIRE—500

All registered, all immune. The easy-keeping, quick-maturing kind. Nicely belted; large litters, healthiest and best hustlers in the world. Inspection invited or write today. SCUDDER BROS., DONIPHAN, NEBRASKA

Howell Hampshires

Best quality spring boars and gilts, sired by Jackson Lad, son of the undefeated Messenger Boy, also a nice lot of fall pigs. F. T. Howell, Frankfort, Kan.

HAMPSHIRE on APPROVAL

Choice spring boars and choice spring gilts open or bred to champion. Bargains in weanling pigs. I will ship you a good one and guarantee to please you.

F. B. Wempe, Frankfort, Kansas (Marshall county)

DUROC JERSEY HOGS.

Choice March and April Boars and Gilts Critic, Crimmon Wonder, Illustrators and Col. breeding. Fall pigs in pairs and trios not related. R. T. & W. J. BARRETT, STEELE CITY, NEBR.

TRUMBO'S DUROCS

30 boars, 125 to 200 pound, \$35 to \$50 each. Brothers and half-brothers to Constructor Jr., reserve junior champion at Hutchinson, 1917; others by Golden Model 36th, litter mate to Nebraska grand champion. All immune. W. W. TRUMBO, PEABODY, KANSAS.

IMMUNE DUROC BOARS

April farrow, choice breeding and good individuals at farmer's prices. GLEN FRIDBY, ELMONT, KANSAS

Duroc Boars and Gilts

Sired by Bert's Critic, by A Critic, out of Col. and Golden Model sows. These are good, growthy pigs, of March farrow. Come and see them or write, O. H. DOERSCHLAG, R. 2, TOPEKA, KAN.

REMOTE VIEW FARM

Durocs of quality, choice April boars, also Aug. and Sept. male pigs at weaning time. Wm. Oberle Buckton, Kan.

Wooddell's Durocs

30 March and April boars ready for service. They are sons of Crimmon Wonder IV, and out of large, roomy sows of fashionable breeding. Priced for quick sale. All immunized and guaranteed. G. B. Wooddell, Winfield, Kan.

Anderson's Durocs

Royal Grand Wonder, 1st prize junior yearling boar at Hutchinson State Fair 1917 at head of herd. Spring boars ready for service, including grandsons of Cherry Chief. Satisfaction guaranteed. R. R. Anderson, Route 7, McPherson, Kan.

BONNIE VIEW STOCK FARM

DUROC-JERSEYS Choice spring pigs, either sex, prize winning blood, for sale at reasonable prices. SEARLE & COTTLE, BERRYTON, KANSAS

DUROC BOARS

Sired by the Famous Otey's Dream and the great Al Col. 2nd. Can fit the farmer and the biggest breeder in quality and price. Write today for prices. W. W. OTEY & SONS, WINFIELD, KANSAS

Royal Scion Durocs

A few fall and spring boars, by Undergraduate, by Graduate Col. and Gano's Pride, by Col. Gano, out of our best herd sows. Priced for quick sale. G. C. Norman, Winfield, Kan.

Bancroft's Durocs

Choice March boars. Guaranteed immune. I am breeding the gilts for early March farrow. Sept pigs now weaned and ready to ship. D. O. BANCROFT, OSBORNE, KANSAS

30 Duroc-Jersey Boars

Sired by Taylor's Model Chief 128455, winner at Mo. State fair and American Royal. Extra good breeding boars at prices to close them out. Also choice bred gilts. Dams well bred for years. W. A. HUSTON, Americus, Lyon County, Kansas.

FORTY BIG TYPE BOARS

Forty big husky spring boars, sired by Illustrators 2nd Jr., G. M.'s Defender, G. M.'s Crimmon Wonder, C. W. Again Jr., Great Wonder and Critic D. These are from big mature sows. Immunized. Priced to sell. G. M. SHEPHERD, LYONS, KANSAS

Duroc-Jerseys Johnson Workman, Russell, Kansas

Jones Sells On Approval

Pigs, either sex, February and March farrow. Pairs, trios and herds, not related. W. W. JONES, CLAY CENTER, KANSAS

Moser's Class Durocs

A few choice June boars by Defender's Top Col. 150 baby pigs—pedigrees with each pig. Big bred sow sale Feb. 7. F. J. MOSER, GOFF, KANSAS

DUROCS

6 two year old sows. 4 grand daughters of Defender. 50 fall pigs. 5 gilts. 1 one year herd boar. R. C. WATSON, ALTQONA, KANSAS

BISHOP BROS. PERCHERONS

63 High Class Stallions Six, from two to five years old; 33 coming 3-year-olds; 24 coming 2-year-olds. For bone, weight, conformation and quality they are as good as can be found. If you are looking for a good one and at the right price come and see what we have. They are grown in out door lots and will make good. BISHOP BROS., BOX M, TOWANDA, KANSAS

300 REGISTERED SHROPSHIRE SHEEP, 300

We have for sale an extra nice lot 35 coming one-year-old rams \$30. 100 extra large ewe lambs \$25. 125 good aged ewes, no old ones \$35. We crate and pay express to your station on all sheep. They are all registered, large and well woolled. Send draft for what you want. Reference, Harveyville State Bank. J. R. TURNER & SON, HARVEYVILLE, KANSAS

Percheron Mares and Stallions

30 Head From Which To Select Ton mares, big handsome fillies either by or bred to Algrave by Samson. Algrave's colts have great bone and size. His weight is over 2,200 pounds and his get proves beyond doubt his great ability as a sire. A nice lot of young stallions, several coming three year olds. Priced for quick sale. Farm 4 miles east of town. Call on or write

D. A. HARRIS, R. 6, GREAT BEND, KANSAS

DUROC-JERSEY HOGS.

Durocs of Size and Quality Herd headed by Reed's Gano, first prize boar at three State fairs. Special prices on spring boars, from Champions Defender, Illustrators, Crimmon Wonder, Golden Model and Critic breeding. JOHN A. REED & SONS, LYONS, KANSAS.

Immune Duroc Boars Pedigreed Duroc On Approval Boars with size, length and bone; immune and guaranteed breeders. Shipped to you before you pay for them. F. C. CROCKER, BOX 8, FILLEY, NEBRASKA

Duroc-Jersey Boars

Duroc boars of March and April farrow. Sired by Junior Orion Cherry King 219189, Freed's Ames Colonel 199993, and Iowa Improver 199991. These are good boars and are offered at very reasonable prices. Come and see them or write.

A. J. TURINSKY, BARNES, KANSAS

TAYLOR'S WORLD BEATERS

Service boars from 700-pound show sows at a bargain. Choice weaned pigs both sex, all registered. Pigs will be prepaid to your depot.

JAMES L. TAYLOR OLEAN, Miller County, MO.

Olson's Hampshires

For sale: 8 extra good spring boars, 1 March yr. boar and one Oct. yr. boar. 40 choice spring gilts, bred or open. All stock immunized and registered to purchaser. Home of Kansas Top 31665.

Olson Bros., Assaria, Kansas Farm 12 miles south Salina.

Breeders of Durocs

For 25 Years

Herd headed by three great boars, sons of Orion Cherry King, Illustrators 2nd, and A King the Col. Feb. and March gilts and herd boars of size and quality for sale. Dams of the most noted blood lines. Write for prices.

Lant Brothers

DENNIS KANSAS

JACKS AND JENNETS.

Malone Bros.,

Jacks and Percherons

We have 2 barns full of extra good jacks ranging in age from weanlings to 6 yrs. old, all over 2 yrs. well broke to serve. Several fine herd headers among them. Also jennets in foal to home bred and imported jacks. A few imported Percheron stallions royally bred. We can deal. Write or call on J. P. & M. H. MALONE, CHASE, KAN.

HORSES.

For Sale or Trade—Gray Percheron Stallion

What have you? Box 22, Hamilton, Kan.

Pleasant View Stock Farm

For sale: two yearling registered Percheron stallions, weight 1500 lbs. each. Priced right. HILLOREN & CAMBRILL, OTTAWA, KAN.

Percherons—Belgians—Shires

2, 3, 4 and 5-yr. stallions, ton and heavier; also yearlings. I can spare 75 young registered mares in foal. One of the largest breeding herds in the world. FRED CHANDLER, Route 7, Charleston, Iowa. Above Kan. City.

FOR SALE OR TRADE

Two of the best registered jacks in Kansas. Also pure bred black Percheron stallion. Sell for cash or trade for mules, mares or cattle. J. J. BLEAKLEY, R. 3, ABILENE, KANSAS

POLAND CHINA HOGS.

20 POLAND CHINA BOARS, 20

Weighing from 125 to 300 lbs. Write today for price and description.
A. L. ALBRIGHT, WATERVILLE, KAN.

Big Husky Poland Boars

25 fall and spring boars, the best big type breeding. They are sired by King Orphan and Guy's Buster, out of sows by Big Jumbo, Nemo Prince and Hadley Boy. Prices reasonable. Ross A. Coffman, Overbrook, Kan.

Henry's Big Type Polands

Spring boars, sired by Mammoth Orange, King Price Wonder, Big Wonder, also a few gilts, and weaned pigs. All immune. John D. Henry, Leocompton, Kan.

Fairview Poland Chinas

40 March boars, heavy boned fellows, ready for service. Also choice gilts. All pedigreed and priced to sell quickly. P. L. Ware & Son, Paola, Kan.

Poland China Private Sale

Spring boars, good ones, and gilts open or bred to order. Also special bargains in pigs just weaned. A special offer in a half ton herd boar. All immune. N. M. BAILOR & SON, ALLEN, Lyon County, Kan.

Townview Polands

Herd headed by the great young boar, King Wonders Giant 77386, 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

Poland China Herd Boars

Two boars, one a yearling, the other a two-year old; both by Hadley H. by King Mastiff and out of an Expansion bred dam. They weigh right at 750 and 900 pounds. Priced far below their value.
Geo. Haas, Lyons, Kansas

Money-Making Polands

Am offering an extra good bunch of spring boars that are bred right and grown for breeding purposes. J. M. BARNETT, DENISON, KAN.

**Mar. Boars**

and gilts sired by Hercules 2d and Grandview Wonder. 75 fall pigs for sale, in pairs and trios not related. (Picture of Hercules 2d.)
ANDREW KOSAR, DELPHOS, KAN.

Blough's Big Polands

March boars and gilts offered sired by our Big Knox and out of herd sows not equalled in many herds. No public sales but fair prices at private sale and satisfaction guaranteed.

John Blough, Americus, Kan.

Farmers Prices

for 20 Poland China March boars. Sired by one of the best big type boars in the state. All immune.

50 baby pig bargains. Pedigrees with everything.

H. J. Griffiths, Clay Center, Kan.

ERHARTS' BIG POLANDS

A few September and October boars and choice spring pigs either sex out of some of our best herd sows and sired by the grand champion Big Hadley Jr. and Columbus Defender, first in class at Topeka State Fair and second in futurity class at Nebraska State Fair. Priced right, quality considered.

A. J. ERHART & SONS, Ness City, Kan.

ELMO VALLEY POLANDS

A few nice big March boars for sale at farmers prices to move them in the next two weeks. Also some nice May boars. The biggest of the big kind.

J. J. Hartman, Elmo, Kan.
(Dickinson County)

BRED SOW SALE, FEBRUARY 1

Blough's Big Polands

(IMMUNE)

BRED GILT SPECIAL

I offer 30 splendid gilts at private sale about half by

OUR BIG KNOX 82153

and about half by

GRANDEE 76161

Nothing better at private sale this winter. Write today if interested.

John Blough, Americus, Kan.

(LYON COUNTY)

to make good for his buyer. The entire offering is in just fair flesh and everything has been handled with their future good in mind. Twelve young bulls, from 6 to 18 months old, 10 cows with calves by Select Goods at their sides. There will be 38 cows, 10 calves and 12 bulls in all. The nice catalog is now out and you can have one by return mail by addressing Joseph Baxter, Clay Center, Kan. Mention the Farmers Mail and Breeze when you write for a catalog.—Advertisement.

The Peck Holsteins.

M. E. Peck & Son, Salina, Kan., offer a special bargain in 100 short 2 year old high grade Holstein heifers. These heifers are bred to freshen this winter and early spring and are big nice heifers and as fine a lot as you will find anywhere. The Pecks have lots of cattle and do not want to winter these heifers. They are real prospects for big, good producing cows and are not little under sized things that are not going to be right when they are matured. You want to see this 100 heifers if you want Holsteins. They also offer 30 yearling heifers, not bred. Also 50 cows that are springers. These cows are extra choice. Write the Pecks today for further information. They like to know where you saw their advertisement.—Advertisement.

High Class Holsteins.

Lee Brothers & Cook, Harveyville, Kan., are offering an exceptionally high class lot of purebred and high grade Holstein cows, heifers and bulls. They have calves sired by their great herd bull, Fairmont Johanna Pietertje 78903, a great bull with a record of 34.38 pounds of butterfat in seven days. He is a wonder because of his wonderful individuality and because of the great blood lines and records of production back of him. They have purebred cows and heifers safe and calf to him and some of their choice grade cows and heifers are also bred to him. Lee Brothers & Cook maintain one of the largest breeding farms in the West. Everything they breed is purebred. At the head of their Percheron herd is the great stallion Scipion, without question one of the greatest stallions in the United States. In addition to Holstein cattle and Percherons they breed registered Hereford cattle and registered Shropshire sheep and Duroc Jersey hogs. Each member of this firm so far has spent his life in the purebred stock business. It has not always been just dollars that kept them in the business for there has not always been the money in the purebred business that there is now. But a love of the purebred stock business has been the motive back of their success in the business. With Scipion, the great stallion with his great record both as a breeder and as a champion in the big shows, at the head of the Percherons and Fairmont Johanna Pietertje at the head of their great Holstein herd they are certainly maintaining their reputation for keeping the best regardless of money. They have just issued a beautiful private catalog with pictures of these great sires and other animals in the herd with beautiful farm scenes and it is yours for the asking. The firm is very reliable and every animal is sold to be just as represented and every animal is sold with a guarantee to be a breeder. In buying this great bull, Fairmont Johanna Pietertje, Lee Brothers & Cook have probably done more to center the Holstein industry in Kansas and the West than any other like move that has been made in some time. The price paid for this great bull was undoubtedly large but the reply was, that it did not matter if the price was large, that it was the best that always was in demand and that with the price of butterfat where it is and where it is sure to stay, there was nothing that was as safe as the best dairy cattle to be found. You can always find the advertisement of this firm in the Farmers Mail and Breeze. They are reliable and fine men to deal with. They will have plenty to show you and you will be treated royally when you visit the firm of Lee Brothers & Cook, Harveyville, Kan.—Advertisement.

S. E. Kan. and Missouri

BY C. H. HAY.

Ross J. Koffman of Overbrook, Kan., is making very attractive prices on bred gilts. These gilts are strictly big type bred and are good individuals. He also offers a few good, husky boars, worth the money. Write for prices.—Advertisement.

Percheron Stallions.

Halloran & Grambel of Ottawa, Kan., are offering for sale, two fine young Percheron stallions. These colts are extra large for their age and have every indication of developing into fine individuals. These colts are being priced worth the money. It will pay you to see them if in the market.—Advertisement.

Albechar Holstein Sale.

This is the final notice of the Holstein sale to be held at Independence, Kan., Dec. 3 and 4. For the benefit of those who have not received a catalog and detailed descriptions, records, etc. we wish to state that you can depend on finding a strictly high class lot of cows and heifers in this sale. Some of the best blood in the breed as well as a large number of A. R. O. cows will be sold in this sale. If you have not seen Sir Juliana Grace's De Kol it's worth your money to make a trip to Independence and see him and the outstanding lot of young stuff he is siring. Remember the dates are Dec. 3 and 4. A day or two at the Albechar Farms will be pleasant and profitable.—Advertisement.

Shorthorns Sell Well.

With ideal weather and an immense crowd, the second sale of the Southwest Missouri Shorthorn Breeders' association at Pierce City, resulted in the good average of \$212. The top was \$600, paid by Fremont Ledy of Leon, Kan., for a show heifer bred by Mr. Ewing. The demand was strong for she stuff, but slow on bulls. A goodly portion of the stock stayed in Southwest Missouri. The offering had been selected by E. H. Thomas of Aurora, and everyone was agreeably surprised at the splendid offering he had selected. Pierce City is certainly a live little city when it comes to looking out for livestock interests. Appreciating the value of stimulating the interest in better livestock in that community, Pierce City staged the sale without expense to the association. Everything from printing the catalogs, building the stands for the arena to supplying the bedding for the cattle was furnished free by the city. Col. Gross opened the sale with a patriotic talk that brought rounds of applause from the breeders and later sold the cattle in his customary fast and forceful manner.—Advertisement.

POLAND CHINA HOGS.

Big Type Polands bred sows and fall pigs by prize winning males. H. C. MORRISON, CLEORA, OKLA.

BurtChellis, Gypsum, Kan. Registered Spotted Poland Chinas at farmers prices. Popular blood lines. Write at once. Address as above.

Old Original Spotted Polands

A few spring boars. 35 spring gilts, bred or open. 50 baby pigs in pairs or trios.

Alfred Carlson, Cleburne, Kan. (Riley County)

Immune Big Type Poland Chinas

Guaranteed in every way. 75 extra good spring pigs, boars and gilts, no relation; a few good fall gilts bred for September farrow and a few good fall boars. Best of big type breeding. Prices right. ED. SHEEHY, HUME, MISSOURI

Big Type Poland Chinas

Some tried sows and gilts.
HERMAN SCHMARE, DEWITT, NEBR.

Spotted Poland China Gilts

30 fall and spring gilts bred and open. A few good tried sows. Also some good spring boars. All well spotted. Best breeding condition. Write at once.
R. H. McCUNE, (Clay Co.) LONGFORD, KANSAS.

Spotted Poland China Gilts

and tried sows—bred or open. Also a nice lot of October pigs at bargain prices. Pedigree with every pig. Special offer in herd boar.
CARL F. SMITH, (Riley County) Cleburne, Kansas.

CHESTER WHITE AND O. I. C. HOGS.

3 REGISTERED O.I.C. BOARS FOR SALE
G. A. STERBENZ, Route 1, Osawatimie, Kan.

WESTERN HERD CHESTER WHITES

75 Spring pigs at bargain. 100 September pigs at \$10 each. Write immediately. F. C. GOOKIN, Russell, Kansas

Chester White Boars April farrow. Good growthy fellows.
Prices reasonable. W. E. Ross & Son, Smith Center, Kan.

CHESTER WHITE HOGS Five good smooth spring boars for sale.
E. E. SMILEY, PERTH, KANSAS.

Chester White Spring Boars

Choice, lengthy fellows, of the best breeding. Well grown and Cholera immune. Henry Murr, Tonganoxie, Kansas

O. I. C. and Chester White

Galloway Bob, sired by Galloway Ed, Mo. State Fair Grand Champion 1916, and Archie 2nd, by Scotlan Archie, first in class Mo. State Fair, 1916, at the head of herd. All ages for sale. Prices reasonable, satisfaction guaranteed. Write for circular and photos. F. J. GREINER, BILLINGS, MO.

KANSAS HERD CHESTER WHITE HOGS

40 March boars for sale. All gilts reserved for bred sow sale in February. Special prices to move boars.
ARTHUR MOSSE, R. 5, Leavenworth, Kan.

CLINTON COUNTY CHESTERS

Special prices on 15 outstanding spring boars and fall weanlings of either sex. Every one carrying the blood of state and national swine show champions.
J. H. McANAW, CAMERON, MISSOURI

CAPPER PIG CLUB

Founded by Arthur Capper of Topeka, Kansas, in 1915
John F. Case, Contest Manager

Second Annual Offering of HIGH GRADE BREEDING STOCK

437—BOARS—437
381—GILTS—381

Durocs, Polands, Chester White and O. I. C. Spotted Polands, Berkshires, Hampshire and Mule Foot.

Good Purebred Pigs Priced as Low as \$25. Top-notchers for \$40 and \$50.

Every pig a choice specimen selected from contest litters. After receiving catalog, write to the boy nearest you who has the breed you desire. Prices will be quoted on application and prompt shipment will be made. All members live in Kansas. Free catalog for the asking.

JOHN F. CASE, Capper Building, Topeka, Kan.

JERSEY CATTLE.

Registered Jersey Males Bred and priced right. All ages. 300 registered and grade Jerseys. O. J. CORLISS & SON, COATS, KANSAS

HEREFORD CATTLE.

Registered Herefords

Ten big, thick fleshed cows 2 to 5 yrs. Seven well grown bulls 7 to 14 mos. All priced to sell.

Fred O. Peterson, R. R. 5, Lawrence, Kansas

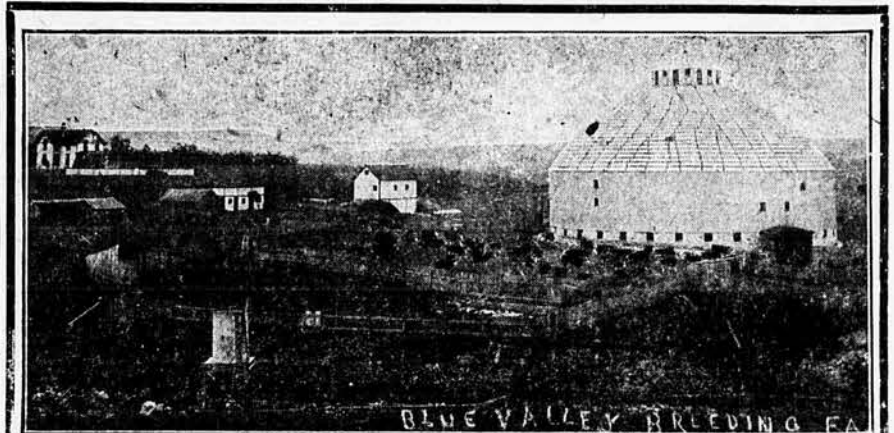
SPRING CREEK HEREFORDS

A PIONEER HERD

14 bulls from 12 to 26 months old. Also a few females. Fair prices on everything.

S. D. Seever, Smith Center, Kan. (Smith County)

When writing to advertisers mention Mail and Breeze

**Blue Valley Breeding Farm, Home of the Herefords**

Herd established over 20 years ago on this farm.

100 breeding cows. Surplus stock is sold each season at reasonable prices.

We have for sale 31 bulls from 6 to 16 months old which we will price at from \$85 to \$125, delivered at your station in Kansas. A few a little higher.

Six choice heifers, 7 to 12 months old. Also a few cows with calves at foot.

One Poland China herd boar and a few gilts, eligible to register.

50 Barred Rock cockerels, farm raised.

The farm is in Marshall county, two miles from Irving. Free transportation from Irving to the farm. Irving is on the Blue Valley Branch of the Union Pacific and the Central Branch of the Missouri Pacific. Write for further information and descriptions and visit the herd if possible.

Note: This advertisement appears in the Farmers Mail and Breeze in this issue and the next only. Write today if you are interested.

Fred R. Cottrell, Irving, Kan.

Lookabaugh's Third Letter

Now that I have been writing to you about my **Beginners' Department** I have decided to hold a public auction November 20th, so that I can explain and demonstrate to you my main object. I am particularly anxious to see every good farm in the Southwest have a few good registered cows on it. The big milking kind that will give you plenty of milk and raise a calf that will sell for half what the cow cost. You need improved blood on your farm to utilize the waste product in order to assist you to produce more beef and butter-fat to help feed the soldiers.

You need a little recreation and a little time to think. You know thought is one of the most valuable assets to man. The only difference between a smart man and an ignorant one is, the smart man learned to think and it became very easy for him, while the ignorant man never had time to think. Start a good account of your farm, see what it is that is making you losing money. Compare if you will the bushel of wheat sold from an acre of land at the high price of \$2 a bushel, with the five months' winter pasture on a good Shorthorn that should and will produce you at the rate of 50 pounds of registered beef a month which is worth at least fifteen cents a pound. Do not burn your straw-stacks but let the cow eat it up through the cold winter weather and leave your land richer and better for the next year's crop than it was for the preceding year. What do you care if the weather is dry and the wind does blow if you have reaped at least a \$30 beef crop off of your acre of wheat and still have the acre of wheat left that would probably make you more grain than it would had it not been pastured? Why do I advocate cattle? Because the average man can't help but make a success with cattle because he does not have to furnish them with a lot of grain products that do not materialize every year in some sections of the Southwest. But you say every man cannot make a success by raising registered Shorthorns. But I say there is no farmer who cannot make a success by keeping a few good cows on his farm. Many a farmer who did not have a great deal of confidence in himself has developed into some of our best breeders. Let that part remain to be proven. When you are backed up by a good guarantee of 50 per cent of the price you pay for an animal for her calf back at a year old—why should you do not buy so many. You should at least have nerve enough to buy one or two. Think of the boys' future and the business you can build up for them.

I am especially interested in the boys' Calf Club members. I want to see it develop and grow into one of the largest, best, and most interesting exhibits of the State Fair. Why shouldn't it? We have the material among our boys. We have some of the best climatic conditions in the world for Shorthorns. Our country is the home of alfalfa, one of the best cow foods on earth. Write and tell me about some man who is engaged in the breeding of registered cattle and failed in the last number of years. The secret of success is having the right thing at the right time. But you say they are already high. When it is possible for a \$400 cow to produce a calf that will sell from fifty to one hundred per cent of what the cow cost, is that investment high in the cow? What can you invest your money in that will make that rate of interest? Then ask yourself why she makes it. Is this \$200 or \$400 calf that she produces sold too high at that price? If it is a bull and used on even grade cows he will produce in pounds of beef and quality which he adds to the calves, enough to pay for himself several times over. There is no investment that a farmer can make that will pay him a higher rate of interest on his money as a pure bred bull. I have often made the remark that a good bull does not cost a man one cent, he only loans him the money until he has time to pay it back to him at 100 per cent profit. Why are we working long hours, early and late, to scatter more Shorthorns on the southwestern farms, just to sell Shorthorns? No! This **Beginners' Department** is not established for a selfish purpose, it is to help you get started so that you can help someone else get started, so that finally there will be good cattle on every farm along with some other good livestock in order to make it a full and complete farm. A farm that is fullness producing all that is possible on each acre of land and by the use of livestock, converts that product into a still higher price product and carry the bacteria back to the soil, thus making a complete circle and giving the farmer employment in the winter time as well as in the summer.

Some of the best breeding cows on our farm are in the **Beginners' Department** and while they are not all bred by us they have been personally selected by us and we stand behind them with our usual guarantee. A number of the females and all of the bulls in our November 20th sale are from some of the very best bred families on our farm. We want you to be sure and be here and bring your boys with you if he buys a calf to show next fall at the fair in the Calf Club, we will take his individual note if he does not have the money. I have confidence in our boys and want to see them make good. There will be three premiums offered at the State Fair next fall, totaling \$150, for the boys winning the first, second and third prize premium. We are selling ten calves at our November 20th sale the right age to go into this contest and while none of them are bred by us we know the kind of blood that is in them and we are sure they will respond with feed and care for you as they have for us. But if you wish to select one that we have bred out of our breeding herd you certainly will have our permission.

"THE SHORTHORN IS THE BREED FOR YOU." Shorthorn steers are repeatedly and consistently **TOPPING THE LEADING MARKETS.** Shorthorn cows are making milk records up to 17,000 lbs. in one year. One Shorthorn cow has exceeded this record, making the highest score in a contest with 700 cows, all dairy breeds competing.

I extend to all of my readers a cordial invitation to visit our farm. Come and stay as long as you like. You will become clearly familiar with our herd and our method of doing business. Come and see our State Fair winning show herd, our Grand Champions, and our first prize get of sire. You will see the outstanding get of **FAIR ACRES SULTAN**, one of America's leading sires. You will also have the opportunity of appraising **SNOW-BIRD'S SULTAN** (our new acquisition), **THE TWIN BROTHERS TO FAIR ACRES SULTAN**; and **AVONDALE'S CHOICE**, **WATONGA SEARCHLIGHT**, **IMPORTED DOUNE ROYALIST** and the Grand Champion **PLEASANT DALE 4th**, comprising a line of herd bulls on one farm which are well worth a trip across the continent to view.

Yours for more and better Shorthorns.

H. C. LOOKABAUGH,
WATONGA, OKLAHOMA

LIVESTOCK AUCTIONEERS.

Lafe Burger, Wellington, Kan. AUCTIONEER
Ask any Breeder. Write or wire as above.

John D. Snyder, Hutchinson, Kan. 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.

M. C. POLLARD

Livestock auctioneer, breeder of big type Poland Chinas. Poland China hog sales a specialty. 14 years on the block. Write or wire for date.

CARBONDALE, KAN.

RED POLLED CATTLE.

FOSTER'S RED POLLS Write for prices on breeding stock.
O. E. FOSTER, R. R. 4, Eldorado, Kansas.

Morrison's Red Polls Nine bulls from 6 to 12 months old, by **Cremo 22nd**. A great 17 months old herd bull for sale. Cows and heifers. **Chas. Morrison & Son, Phillipsburg, Kan.**

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

Riley County Breeding Farm Registered Red Polled Cattle

75 head in the herd. 20 bulls by **L. S. Cremo**, in ages from six to 12 months. 20 cows and heifers sired by and bred to **L. S. Cremo**.

ED. NICKELSON, Leonardville, Kan., (Riley Co.)

ABERDEEN ANGUS CATTLE.

Aberdeen Angus Cattle
Herd headed by **Louis of Viewpoint 4th**, 150624, half brother to the Champion cow of America.
Johnson Workman, Russell, Kan.

ANGUS CATTLE

170 breeding cows. For the best in registered Angus cattle investigate this herd. A pioneer herd with quality and breeding. **Sutton & Wells, Russell, Russell Co., Kansas**



Bonny Blacks

5 bulls from 6 to 14 months. 15 heifers from 6 to 16 months. All by **Roland L. 187220**. Also a few cows. Nothing better offered this season. **Cherryvale Angus Farm, (two miles out) J. W. Taylor, Clay Center, Kan.**

HOLSTEIN CATTLE.

HIGH GRADE HOLSTEIN HEIFER CALVES 3 weeks old, \$17. **Edward Yohn, Watertown, Wis.**

A. B. WILCOX & SON, Abilene, Kan.
Our Aim, the Best Registered Holsteins.

Segrist & Stephenson, Holton, Kansas
Breeders exclusively of purebred, prize-winning, record-breaking Holsteins. Correspondence solicited. Address as above.

OAK HILL FARM Reg. Holsteins Two bulls, seven and five months old. Both calves with A.R.O. backing. Member H. F. Asso. of Kansas. **BEN SCHNEIDER, (Jefferson Co.), Nortonville, Kansas**

HOME DAIRY FARM, DENISON, KAN.
Some young bulls for sale. Also females. Member H. F. Assn. of Kansas. **J. M. Chestnut & Sons, Denison, Kan.**

WAKARUSA VALLEY HOLSTEINS

A few registered cows for sale.
ORIN R. BALES, R. 4, LAWRENCE, KANSAS

HOLSTEIN CALVES, 5 weeks old; from heavy milkers. \$25 each. Crated for shipment anywhere. Send orders or write **EDGEWOOD FARMS, WHITEWATER, WIS.**

High Grade Holstein Calves 12 heifers, 15-16 pure bred, 4 to 6 weeks old, beautifully marked. \$20 each. Safe delivery and satisfaction guaranteed. **FERNWOOD FARMS, Wauwatosa, Wis.**

BRAEBURN HOLSTEINS

Always A. R. O. bull calves, better than the common run. Just now a few females to make the herd fit the stables.—**H. B. Cowles, 608 Kansas Ave., Topeka, Kan.**

For Sale or Exchange

Holstein Herd Bull, Lake View Reputation **Lad 13029**; also one bull born Feb. 23, 1917. Papers furnished for 5 generations. **SAM'L NOWLAND, Route 1, Anadarko, Okla.**

Registered and High Grade Holsteins

Practically pure bred heifer calves, six weeks old, crated and delivered to your station \$25 each. Safe arrival and satisfaction guaranteed. Write us your wants. **CLOVER VALLEY HOLSTEIN FARM, Whitewater, Wis.**

HOLSTEINS

We have a nice assortment of high grade cows and heifers for sale at all times. Also a few pure bred bulls. Address **EAGER & FLORY, LAWRENCE, KAN.**

REGISTERED HOLSTEIN BULLS

From A.R.O. cows. All our own breeding. Bred for milk and fat production.

LILAC DAIRY FARM

R. F. D. 2, TOPEKA, KANSAS

60 Head of Registered Holstein Cows and Heifers For Sale

Granddaughters of King of the Pontiacs, Sir Korndyke Pontiac Artis, and King Walker. Most of the heifers are out of A.R.O. dams and the majority of our cows have A.R.O. records. They are priced right. Also a few young bulls out of A.R.O. dams.
Higginbotham Bros., Rossville, Kan.

HOLSTEIN CATTLE.

HOLSTEIN CATTLE.

Special Holstein Bargains For 60 Days

Having purchased the Holsteins of the Healy estate and having more cattle than I can handle I will make close prices for the next 60 days.

70 extra choice, high grade, heavy springing heifers to freshen in November and December.

50 choice, high grade heifers, (long yearlings), bred to my herd bull whose sister holds the world's record for milk production for a two-year-old.

Choice, registered heifers sired by a 40-pound bull and bred to a 40-pound bull. A few young bulls with A. R. O. backing for sale. Many of them old enough for service. Address

M. A. Anderson, Hope, Dickinson Co., Kan.

Note: Hope is on the Main line Missouri Pacific, Strong City branch of the Santa Fe and only 8 miles from Herington on the main line of the Rock Island.

High Grade Holsteins

If you can use one or two cars of good high grade Holstein cows or heifers, see me at once as I am overstocked. They are priced to sell. Heavy springers. Don't write but come at once.

J. C. Robison, Towanda, Kan.

M. E. Peck, Sr. At the farm Phone 1819 F 2
M. E. PECK & SON SALINA, KANSAS
M. E. Peck, Jr. In town Phone 1989 W

Special Private Sale

On 100 short two-year-old heifers that will freshen this winter and early spring. We have lots of cattle and cannot give these heifers the care they should have and will make very close prices on them if priced at once. They are an exceptionally fine lot and you should see them to appreciate their value. Also 30 yearling heifers, not bred. 50 extra nice cows that are springers. Write for full information. Tell us where you saw our advertising. Address

M. E. Peck & Son, Salina, Kan.

Registered Holsteins For Sale

Having purchased Mr. Potter's interest in our Holstein herd, I am offering all of them at private sale. In the herd are matrons with seven day records, as follows:

Wilhelmina De Kol Netherland.....	30.15	Pussy Willow of Russell Farm.....	26.79
Vadia De Kol Soldene.....	23.47	Boness 7th Topsy Clothilde.....	22.58
Green Plain Wera Bell.....	21.45	Margaret of Wheat Hill.....	24.00
Locust Terrace Buttercup.....	22.00	Pearl Korndyke Burke.....	22.00
Tehee Changeling Abbecker.....	21.11	Bellemore Topsy 2d.....	22.00
Bellemore Hengerveld Topsy, 2 yr.....	19.06	Bellemore Mona Korndyke (2).....	17.79

BULLS, some of them ready for service, out of these and other dams, and by 30-lb. sons of King of the Pontiacs. **HEIFERS**, of all ages, with similar breeding. Many of these cows are fresh or will be fresh before March 1st.

Dr. J. T. Axtell, Newton, Kansas

Canary Paul Fobes Homestead

heads our herd of 150 head of Holstein cattle. His dam is the first cow in the world to make three records all above thirty-three pounds of butter in 7 days. Bull calves sired by him and from great producing and A. R. O. cows for sale. Can also spare a few good grade cows and heifers. All stock tuberculin tested.

Stubbs Farm, Mark Abilgaard, Mgr., Mulvane, Kansas

W. H. Mott, Herington. **A. Seaborn, at the farm.**

Record Holsteins For Sale

We have grade cows with records, 350 to 400 pounds of butter in 10 months, that we will sell. 100 head of large, well marked, Dairy type heifers, due to freshen soon, all high grade. 50 head of young cows, some fresh, others heavy springers. Some choice young bulls ready for service. 40 head of purebred heifers and cows to freshen this fall. We can ship via Rock Island, Missouri Pacific or Santa Fe.

MOTT & SEABORN, HERINGTON, KANSAS

Maurer's Holstein Farm

is offering twenty-five pure-bred heifer calves, from six weeks to eight months old; also a choice lot of yearlings, bred heifers and young cows, all with top-notch breeding and at prices that cannot be equalled elsewhere; grade cows and heifers. Buy your next young pure-bred BULL from US. For description and prices communicate with.

T. R. MAURER & CO., EMPORIA, KANSAS.

TORREY'S HOLSTEINS

Cows and heifers, young springing cows well marked and exceptionally fine; also springing and bred heifers and registered bulls. See this herd before you buy. Wire, phone or write.

O. E. TORREY, TOWANDA, KANSAS.

REGISTERED HOLSTEINS. "Tredico is the herd with wonderful constitutions." If the last bull you bought had a weak constitution from a forced record or a disease, visit Tredico at once. **GEO. C. TREDICK, KINGMAN, KANSAS.**

One extra fine 2-yr.-old Holstein Bull REGISTERED. Sire, Prince Beauty Pleterije Hartog 10th. Dam, Lady Irene Gerben. \$150 if taken at once. **M. Stavlund, Axtel, Kansas.**

Bonniebrae Holsteins

Four Grade Holstein Heifers

I am offering this season's crop of bull calves, from a few weeks to three months old. Their sire is a splendid son of King Segis Pontiac, whose four nearest dams averaged better than 25 pounds butter fat in 7 days, are from heavy producing dams, up to 70 pounds of milk a day and are extra fine individuals. Call and see them, their sire and dams or write, **IRA ROMIG, Station B, TOPEKA, KANSAS.**

coming two yrs. old all to freshen about March 1. Draft for \$80 per head takes them, also have two Holstein cows and two Jersey cows for sale, also a few Holstein and Jersey calves, both sex for sale. Write for particulars.

ROBERT L. DRENNEN, LAWRENCE, KAN.

SHORTHORN CATTLE.

SHORTHORN BULLS
Private Sale

I am making special prices on my crop of spring calves. Nothing older in bulls at present. Scotch and Scotch-topped, reds and roans.

Can ship over Rock Island, Union Pacific, Santa Fe.

C. W. TAYLOR,
Abilene, Dickinson County, Kansas

SHORTHORNS and POLANDS

Some extra good young bulls and heifers at farmer's prices. Scotch and Scotch topped. Choice spring boars and gilts at prices that will move them within the next two weeks.

R. B. DONHAM, TALMO, KANSAS
(Republic County)

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.)

C.A.Cowan & Son

Athol, Kansas

Breeders of Shorthorns with real size and quality.

We offer 5 bulls from 10 to 12 months old, sired by Pioneer, a grandson Avondale and White Hall Sultan. 12 bulls from 6 to 8 months by Mistletoe King, by Mistletoe Archer, a full brother to Captain Archer. Reds and roans. Out of big cows.

C.A.Cowan & Son, Athol, Kan., (Smith County)

Master Butterfly 5th

is now for sale. He will be sold fully guaranteed and his get is evidence of his great value as a producer. He is a beautiful roan, sired by Searchlight and out of Butterfly Maid. He is five years old and very kind and gentle. A few bulls 12 to 15 months old. Also a nice lot of younger bulls. Also some choice females. Write for descriptions and prices.

W. F. BLEAM & SONS,
BLOOMINGTON, KANSAS
(Osborne County)

SHORTHORN BULLS

5 that are ready for service—12 to 15 months old.

15 that are from 8 to 10 months old. Bulls from a working herd that will make good in your herd. Prices right.

V. A. Plymot, Barnard, Kansas

Cedarlawn Shorthorns

For Sale: 14 bulls, 8 to 12 months old.

Reds and Roans.

S. B. Amcoats, Clay Center, Kan.

Lancaster Shorthorns

Lancaster, Kan., Atchison Co.

Imported and home bred cattle. Headquarters for herd bulls. All within three miles of Lancaster. Twelve miles from Atchison. Best shipping facilities.

Ed Hegland

Some choice cows and heifers and young bulls for sale.

K. G. Gigstad

20 bulls, 9 to 7 months old. Reds and roans.

W. H. Graner

12 yearling bulls, 8 and 9 months old.

H. C. Graner

4 yearling bulls, also bred cows.

C. A. Scholz

Some bred cows. Cows with calf at foot and bred back. Young bulls from 6 to 8 months.

Address these Breeders at Lancaster, Kan.

SHORTHORN CATTLE.

PURE BRED DAIRY SHORTHORNS Double Marys (pure Sharon families. A nice lot of young bulls coming on for fall and winter trade. **R. M. ANDERSON, SELOIT, KAN.**

Our Herd Bull Baron Barmpton, 415948 five years old. Sure and good breeder, as gentle as an old cow. Can send picture. Also two young bulls for sale. **OLIVER DILSAVER & SONS, ATHOL, KAN.**

Grandsons Barmpton Knight

Three bulls, one 24 months old, two nine months. Two bred heifers. Bulls pure Scotch. Write for prices.

PAUL BORLAND, CLAY CENTER, KAN.

Shorthorn—Polled Durhams

One Shorthorn bull calf (Roan) six months old. One Polled Durham bull calf, six months old. Both with best of breeding and good individuals. **E. E. Fisher, Stockton, Kansas.**

CLOVERLEAF FARM SHORTHORNS

12 bulls, pure Scotch and Scotch topped. Five, from 8 to 12 months old, and seven spring calves. Breeding and individual merit that means something. Write for prices and descriptions, today, if you want first choice.

C. F. HART, Summerfield, Marshall Co., Kansas

Stunkel's Shorthorns

SCOTCH AND SCOTCH TOPPED

Herd Headed by Cumberland Diamond. 15 bulls 16 to 24 months old, reds and roans; 16 Scotch-topped cows and heifers, from two years to mature cows, with calves at side or showing in calf, Victor Orange and Star Goods blood.

15 miles south of Wichita on Rock Island and Santa Fe.

E. L. STUNKEL, PECK, KANSAS

The Shorthorn Is The Breed

FOR YOU

Shorthorn steers are repeatedly and consistently topping the leading markets.

Shorthorn cows are making milk records up to 17,000 pounds in one year.

A Minnesota cow has exceeded this record, making the highest score in a contest with 700 cows, all dairy breeds competing.

AMERICAN SHORTHORN BREEDERS' ASS'N,
13 Dexter Park Ave. Chicago, Ill.

Park Place Shorthorns

Young bulls ready for service. Scotch and Scotch topped cows and heifers showing in calf or with calf at side and rebred to good sires. Special prices to parties wishing a number of females with bull to mate. Visitors always welcome. Phone, Market 2087 or Market 3705.

PARK E. SALTER, WICHITA, KAN.

Salt Creek Valley Shorthorn Cattle

30 bulls, 10 of them from 10 to 18 months old. Balance spring calves. 20 cows and heifers for sale to reduce herd. All bred or with calf at foot. Write for descriptions, prices and breeding. Also a few extra choice reg. Poland China boars, March farrow.

E. A. Cory & Sons, Talmo, Kan.
(Pioneer Republic County Herd)

POLLED DURHAM CATTLE.

DOUBLE STANDARD POLLED DURHAM BULLS for sale. Forest head of the herd. **C. M. HOWARD, HAMMOND, KANSAS**

Brilliant X 12826-454955

My Polled Durham herd bull is for sale. 3 year old, red and a splendid breeder. All my cows bred to him and am keeping his heifers.

Also bulls from 6 to 9 months old, 4 of them polled, and by Brilliant. One a splendid yearling Shorthorn bull.

A. C. LOBOUGH, WASHINGTON, KANSAS

J. C. BANBURY & SONS POLLED DURHAMS

(Hornless Shorthorns)



150 head in herd. 25 bulls. Reds and Roans. \$100 to \$300, halter broke. Roan Orange. 2500 in flesh. Sultan's Pride, 429017, first and Junior champion in three states, in service.

J. C. BANBURY & SONS, Phone 1602, PRATT, KAN.

MULE FOOT HOGS.

GROWTHY MULE FOOT HOGS from my State Fair prize all ages for sale. Prices low. **C. M. Thompson, Lotts, Ind**

SAPPHIRE HOGS.

SAPPHIRE (BLUE) HOGS The farmers hog. Baby pigs in pairs and trios. Illustrated booklet free.—**L. E. Johnson, Waldron, Kan.**

Shorthorn Dispersion Sale

Ottawa, Kan., Tuesday, Dec. 11



Complete dispersion of the best herd of Scotch topped cattle in this section. I have spent years in developing this herd. I think we have an outstanding bunch of cows and heifers. It is positively one of the best Scotch topped herds in Kansas. Every one in the herd goes in this sale. Cows with calves, bred cows, calves of either sex and as fine a bunch of coming two-year-old heifers as you ever saw. Some are bred, some sell open. Three fine red bulls. Being swamped with work I have placed the management of this sale in the hands of my auctioneer, Col. H. D. Rule of Ottawa. Write him for catalog.

C. H. Hay, Fieldman.

T. B. REED, Owner, OTTAWA, KANSAS

For catalog address Col. H. D. RULE, Ottawa, Kansas.

Large Type Poland China Sale

Pleasant Valley Stock Farm

Watonga, Okla.,

Wednesday, December 19th

Last March we held a dispersion hog sale. Many of our sows were in too poor condition to sell.

THIS OFFERING MAKES OUR COMPLETE DISPERSION

60 HEAD ALL IMMUNE. EVERYTHING GOES.

10 large tried sows with litters at side or bred to Big Orphan or Pleasant Revenue, by Lookabaugh's Revenue.

30 bred sows and gilts, sired by Lookabaugh's Revenue, A Wonder, Wonder Monarch, Big Orphan and other sires of note and bred to Big Orphan and Pleasant Revenue.

15 Open gilts, sired by Big Orphan, Wonder Monarch and A Wonder.

5 young boars, prospective herd headers, by Big Orphan and A Wonder.

These hogs are in good useful condition. The blood lines are the best in large type breeding. The Shorthorn business now requires our time. Hence this complete Poland China Dispersion.

Write today for illustrated catalog. Address

H. C. Lookabaugh, Watonga, Okla.

Fieldman, A. B. Hunter.

Richly Bred Herefords at Auction

IN BIG AUDITORIUM
Oxford, Neb., Thursday, Dec. 20



55 HEAD A SELECT DRAFT FROM A WELL ESTABLISHED HERD 55

7 bulls, including the great BEAU MISCHIEF bulls, Beau Alto and Mischief Maker, real herd bulls and good enough for a place in any herd. FARMER MONARCH, a bull of great promise also sells. 5 good, thick, yearlings, sired by BEAU ALTO 9TH and MISCHIEF MIXER 3d, make up the bull offering.

48 FEMALES including 25 choice young cows with calves at foot and most of them rebred to MISCHIEF MIXER 3d and BEAU ALTO 9th. These cows are strongly bred ANXIETYS and all nice individuals. 10 heifers are real attractions. They were sired by MISCHIEF MIXER 3d, BEAU ALTO 9th, REPEATER 17th, LAREDO BOY and PRESIDENT ARTHUR. We have selected this offering with much care and have cataloged a splendid line of high class Herefords. Write for catalog and mention this paper. OXFORD is easily reached from almost any point West or East. Remember the Mousel Bros. and Gaudreault sales, same circuit.

Blackwood & Wilkinson, Edison, Nebr.

Auctioneers—Col. Fred Reppert, Col. E. D. Snell.
Jesse R. Johnson, Fieldman for this paper.

DAIRY FARM SOLD

Must Give Possession Jan. First

A. L. Eshelman will sell entire herd of high grade

HOLSTEINS

one or more at a time or in car load lots, as long as they last, during the next few weeks. Have large number from which you can pick as many as you want, of cows or heifers, either springing or fresh. We can give records of butterfat on all cows or heifers in milk. If you want any don't write, but come and see them, our prices will make them move fast. Remember these are Eshelman's Holsteins and are good ones.

A. L. Eshelman, Abilene, Kan.

Announcing An Important Polled Durham— Shorthorn Event

50—One-Third Polled Durhams—50

This big sale is made necessary because of insufficient pasture and scarcity of help. The herd was founded 18 years ago. It is exceptionally strong in dairy production. The sale will be held at the Agricultural College in the Livestock judging pavilion.

**Manhattan, Kan.
Wednesday, December 12**

Included in the sale is the famous herd bull, Select Goods, a Polled Durham show and breeding bull with 10 firsts and three grand championships to his credit and himself the sire of other winners and champions at the International and state fairs. He is sold in excellent breeding form. There will be 20 Shorthorn cows, many with calves at foot and bred back. These cows are in their prime as producers, many of them splendid dairy producers and are cows of good scale. All of them are young, only two being 10 years old. Also 10 young bulls, some of them polled. The balance will be heifers, under four years old. Catalogs ready to mail. Address,

**Joseph Baxter
Clay Center Kansas**

Auctioneers: L. R. Brady, Jas. T. McCulloch,
J. W. Johnson, Fieldman.

(Mention the Farmers Mail and Breeze.)

Mousel Bros., Great Anxiety 4th Hereford Auction

Sale Pavilion, Cambridge, Nebr., December 18

100 Head The greatest Anxiety 4th offering of the entire Season 100

40 herd and show bulls, 25 of them sons and grandsons of the noted BEAU MISCHIEF. Seven outstanding sons of the great DOMINO, and several by the Gudgell & Simpson bull, BRIGHT STANWAY.

60 FEMALES, including a big lot of breeding cows with calves at foot and bred again to our great ANXIETY 4TH herd bulls, BEAU MISCHIEF JR.; CHOICE STANWAY and SUPERIOR DOMINO. This is our 8th annual sale and will contain more Herefords of great merit than we have ever before offered in one sale. We are drawing heavy upon our breeding herd of over 300 head and selling animals we would like to keep. We are keeping no better than we are selling. Write for illustrated catalog and mention this paper.

Remember the Gaudreault and Blackwood-Wilkinson sales. Same circuit.

AUCTIONEERS—Col. Reppert, Col. E. D. Snell.
FIELDMAN—Jesse R. Johnson.

MOUSEL BROS., CAMBRIDGE, NEBRASKA



TWENTY-THIRD SALE

50 Imported and American Bred, Registered

Percheron

STALLIONS, MARES AND COLTS

Whitewater Falls Stock Farm

**Towanda, Kan.,
Saturday, December 15**

Twenty Five Stallions.
Twenty Five Mares.

Stallions and Mares sired by Casino. Mares bred to Casino and an Imported son of Carnot. Sale held at the farm, four miles northwest of Towanda. Write today for catalogue. Address

J. C. Robison, Proprietor, Towanda, Kan.

Auctioneers: Fred Reppert, J. D. Snyder, Boyd Newcom, W. M. Arnold. Fieldman: A. B. Hunter



An Imported Son of the \$40,000.00 Carnot, Included in This Sale

Percheron Mares and Stallions At Auction

On Farm Near
CHASE, KANSAS

Tuesday, Dec. 18

15 Mares and Fillies, 3 Stallions
All Registered in Percheron Society of America

Five of these mares are of mature age and several are in the ton class. Two are imported. Several of the younger mares and fillies are out of these big imported mares. Several are showing safe in foal and others are bred to excellent sires. The three stallions include two yearlings and one weanling. These are real farm raised Percherons not only breeders and producers but broke to all kinds of farm work. Their pedigrees are rich in the best blood of the breed. Parties from a distance who 'phone will be met at Lyons on Missouri Pacific and Frisco and Alden on main line Santa Fe, morning of sale.

Write today for catalog. Address

PROFFITT BROS.

Auctioneer: Jesse Langford.
Fieldman: A. B. Hunter.

CHASE, KANSAS

E. S. Engle & Son's Sixth Public Offering

50 Tried and Tested Holsteins **50**
Pure Bred and High Grade

Abilene, Kan., Thursday, Dec. 6th

Rain or Shine



Consisting of

- 10—young pure bred cows with A. R. O. records made on our farm. Several show cows, all high producers. A credit to any herd in this country. We own daughters from each of them.
- 10—nicely marked, well grown yearlings, unbred.
- 15—two and three year old heifers, milking or soon to freshen.
- 15—full aged cows, several 600-lb. cows, several from four to five hundred, yearly—none under three hundred. A dispersion sale of our grade milking herd at the Sand Spring Farm. Write for catalog.

E. S. Engle & Son, Abilene, Kansas

Auctioneers—McCullough, Engle, Hoffman.

Blue Ribbon Stock Farm

HOLSTEINS

350 Pure Bred and High Grade Holsteins 350

A chance of a life time to buy the best that grows. We have any thing you want from calves to matured cows, also bulls from calves to 2 years old

For the Beginner

3 Bred Heifers and a Registered Bull for \$325.00.

Bulls All Registered

old enough for service for \$100.00 and up. We have 40 of them, all ages.



FAIRMONT JOHANNA PIETERTJE 78903

The average records of his dam and sire's dam for 7 days follow.
7 days Milk 576.00 lbs.
7 days Butter 33.39 "
Per cent of Fat 4.64

Calves

From 2 to 6 weeks old all high Grade, either Heifers or Bulls, all crated and express prepaid to your express office for \$25.00.

Registered Heifers and Cows

From \$100.00 up. We have 75 of them all ages. from calves to matured COWS.

Special Offer on 3 registered 2-year-old heifers, bred to Karlin's King Alcartra DeKol Pontiac Bull that cost Mr. Karlin \$11,300.00 at 3 months old. If taken at once, \$1,000.00. A Bargain.

250 High Grade Cows and Heifers

the best that grows. To Prospective buyers we can fill your orders, from one head to a car load.

We Sell Dealer in Oklahoma, Texas, Arkansas, and Kansas; why not sell direct to you?

If you can, bring a dairy expert with you. Our cattle and his experience will make it easy for us to deal, as we have the GOODS.

We have been in the business since 1887 and know what good stuff is.

Our farms are located within 1/2 mile of Harveyville. If you will wire us we will meet you at Miller, Kan., on M. P. or Burlingame, Kan., on Santa Fe, with Auto.

We are the largest Breeders and dealers west of the Mississippi. If you want the best at reasonable price see our herd.

Write for Our Beautiful Catalog of 40 Pages, showing cuts of over 200 of our HOLSTEINS. It will be ready Dec. 10.

Visitors always Welcome. Always glad to show our cattle.

We want to help you get started in the Dairy Business in the right way.

LEE BROS. & COOK

HARVEYVILLE, WABAUNSEE COUNTY, KANSAS

Last Chance

TO GET THE

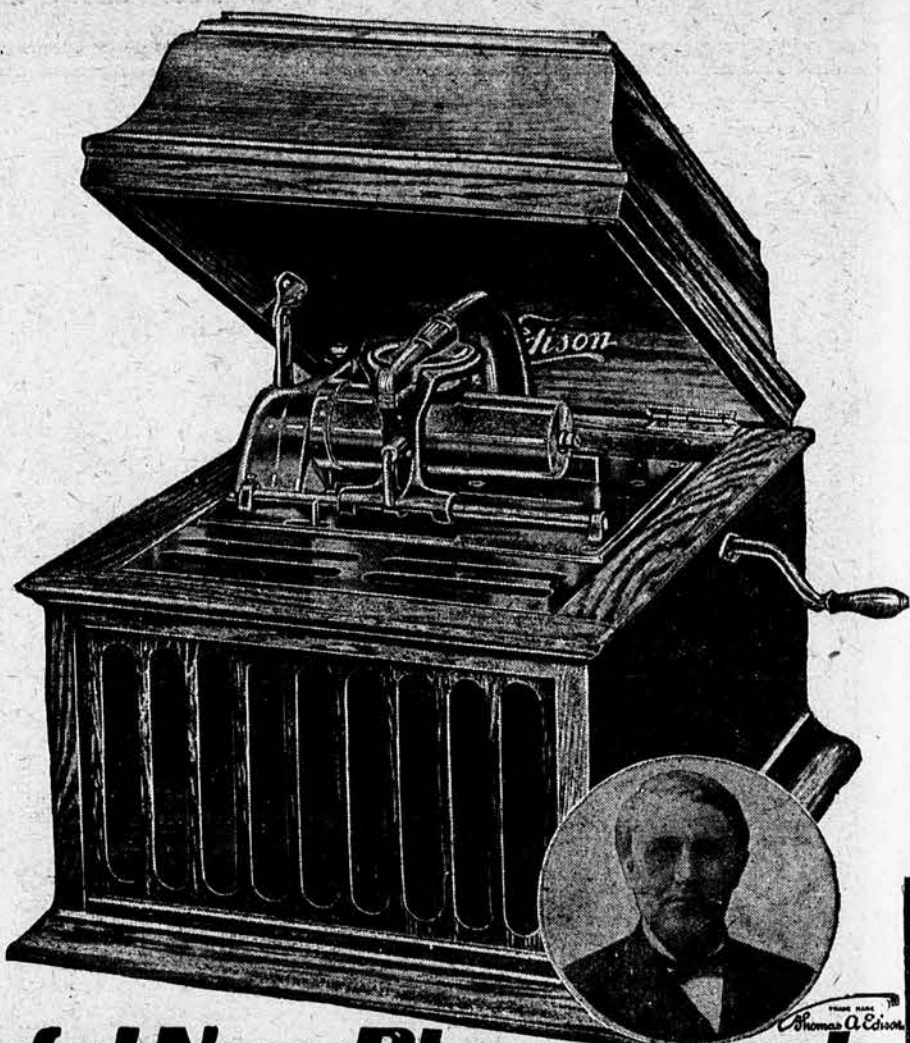
Genuine New Edison

AT THE

Old Prices

Here's your chance, and it's the last one! The very last announcement that will be made in this paper before the big increase in price of the New Edison.

Orders for the increase have come from Mr. Edison himself. High costs of materials and labor have made it necessary. Mr. Edison regrets the necessity of this price raise but conditions make it essential. So, if you want a New Edison now is the time to get it. Don't put it off.



Mr. Edison's Wonderful New Phonograph Sent on Free Trial!

Read the Coupon Below! An astounding offer—the New Edison, Mr. Edison's great new phonograph with the new Diamond Stylus reproducer, and 12 brand new Blue Amberol Indestructible Records sent to you on absolutely free trial. Send no money—just fill out the coupon below and send it to us at once. We will send you the complete outfit immediately. No C. O. D. Entertain your family and friends with the latest song hits of the big cities. Laugh at the side-splitting minstrel shows. Hear anything from Grand Opera to Comic Vaudeville. Judge for yourself just how much this great phonograph would mean to your home. Decide if you can get along without it. After the trial in your own home, make up your mind. If you decide not to keep the outfit, send it back to us at our expense. But you must hurry if you want to take advantage of this offer.

Still Only \$1⁰⁰ After Trial

If you wish to keep Mr. Edison's superb new instrument after the free trial, send us only \$1.00. Pay the balance of \$35.90, which includes the small war tax of 90 cents, effective at once,—for complete outfit in easy payments of only \$3.50 a month.

Think of it—a \$1.00 payment, and a few dollars a month to get this outfit of Mr. Edison's new phonograph with the Diamond Stylus reproducer, the life-like music—the same Blue Amberol Records—all the musical results of the highest priced outfits. The finest, the best that money can buy at very much less than the price at which imitations of the Genuine New Edison are offered.

After years of labor on his favorite invention, Mr. Edison has made the music of the phonograph true to life. There is no reason, now—especially since we make this rock-bottom offer—why you should be satisfied with anything less than Mr. Edison's genuine instrument. You are under no obligation on this free trial offer. Hear the New Edison in your own home before you decide.

This is Your Last Chance! Prices Go Up Jan. 1 Mail Coupon Below

Convince yourself first. Get the New Edison in your home on free trial. See what a wonderful instrument it is—how it brings the music of the world's greatest singers and players, the sweet, old time melodies, the jokes of the funniest vaudeville actors, all right into your parlor as if they were there in person. See for yourself how much you need the New Edison in your life. See how much happier it will make your home. Just fill out the coupon and send it in. No money down, no C. O. D. You pay us nothing unless you keep the outfit. Send it back if you wish at our expense. Or pay only \$1.00 after the trial, and \$3.50 a month until you have paid \$36.90. Send the coupon today.

F. K. Babson Edison Phonograph Distributors
4669 Edison Block, Chicago, Ill.
Canadian Office: 355 Portage Avenue, Winnipeg, Man.



No obligation to buy in sending this coupon; this is just an application for a Free Trial

F. K. BABSON, Edison Phonograph Dists., 4669 Edison Block, Chicago, Ill.

Dear Mr. Babson:—As per your offer, I should like to hear Mr. Edison's wonderful new style phonograph with the new Diamond Stylus reproducer in my own home on free trial. Also send me twelve records. If I decide to keep the outfit, I will have the privilege of the rock-bottom price of \$36.00 (plus 90c war tax, to be included either with the first payment of \$1.00 on your outfit, or with the first monthly payment, just as you prefer) direct from you on special terms. I merely agree to take the outfit promptly from the depot, pay the small freight or express charges, and if I do not find it thoroughly satisfactory, I reserve the right to return the outfit at once at your expense. Otherwise, I will send the first payment of \$1.00 within forty-eight hours after the free trial or as soon as possible, in no case exceeding one week, and will make monthly payments thereafter of \$3.50 for 10 months. The outfit is to remain your property until the last payment has been made.

My name.....Address or R. F. D. No.....
City.....State.....Ship by.....Express.....
Shipping Point.....Ship by.....Occupation.....
Age.....Married or single.....If steadily employed at a salary please state.....
How long a resident in your neighborhood and your vicinity.....If there is any possibility of changing your address during the next year, what will be your next address?.....