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The FARMERS MAIL AND BREEZE

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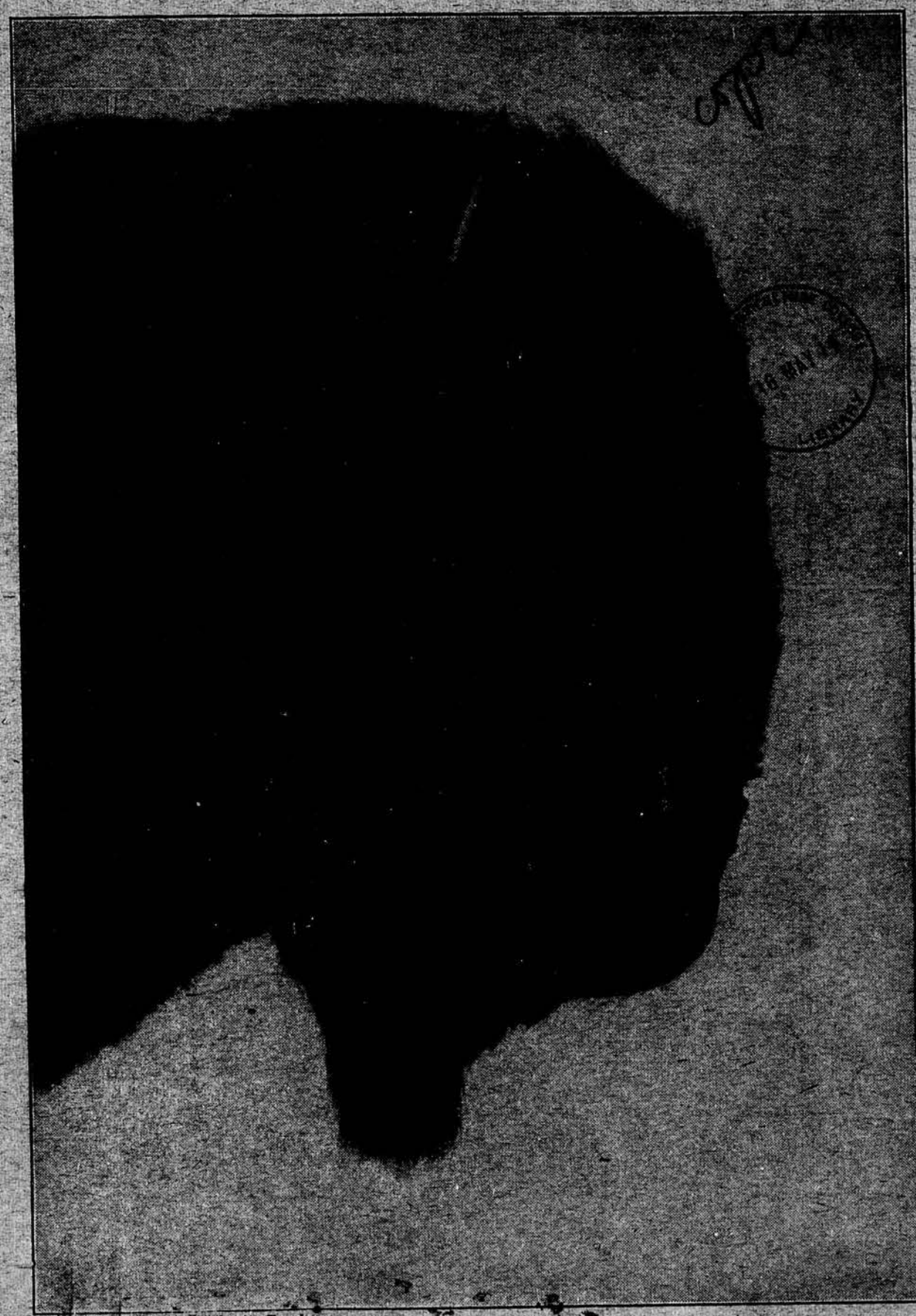

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Crop Prospects Are Hopeful

Moisture is Plentiful and All Other Conditions Are Favorable

By Our County Correspondents.

IT has been many a year since crop prospects were so uniformly promising the middle of May, as they are now. Not only are soil and moisture conditions unusually favorable for all growing vegetation but there is a scarcity of destructive insects as compared with other years. A few chinch bugs are reported here and there but nothing approaching a general bug or worm infestation has been heard of this spring. Apparently the long, dry summer of 1913 was too much for insect as well as farm crops.

The year's first crop—alfalfa—is almost ready for harvest and at present it promises an unusually heavy yield. It will be unusually welcome too after the program of short rations for stock the past winter, on many farms. Cutting will begin next week in many parts of this state and by the end of the month most of the first crop will have been taken care of. Now for good haying weather.

Corn planting is almost finished. Early-planted fields are up and show a good stand generally, although checked somewhat by the cool weather. Cut worm damage has been slight so far.

"Wheat is nearly ready to head," writes H. J. Dietrick of Cleveland county, Oklahoma. All reports on the wheat crop continue favorable.

KANSAS.

Jewell County—Fine rains last week but weather has been cold. Pastures starting slowly. Listing partly done. Eggs 15c; butter fat 20c.—L. S. Behymer, May 9.

Reno County—Weather warm. Corn planted in April is up and growing nicely. Not more than half the corn planted. Wheat is heading out. Old corn 80c; wheat 82c.—D. Engelhart, May 11.

Ellsworth County—Fine rain on April 25 was of great benefit to wheat. Some farmers are through planting corn. Ground in fair condition since rain. Wheat 83c.—C. R. Blaylock, May 6.

Washington County—Ground rather wet for plowing and listing in April but the farmers are busy at it now. Some corn up. Wheat and oats look fine. No frost to injure the fruit. Eggs 16c.—Mrs. Birdsley, May 5.

Jackson County—Weather has been too cold for growing crops. Wheat is making a rank growth. Corn about all planted. Ground is in fine condition. Pastures doing well. Fruit prospects good.—F. O. Grubbs, May 8.

Kingman County—Plenty of rain. Not much corn to be planted. Some cattle dying of blackleg. Oats looking good. Alfalfa will be cut the last of the month. Many harvest hands will be needed.—B. F. Shelman, May 9.

Geary County—Fine rain May 2. Weather has been cold. Farmers busy planting corn. Prairie grass damaged. Wheat, alfalfa and oats doing fine. Acreage of corn will be small. Wheat 81c; corn 78c; oats 47c; eggs 15c.—O. R. Strauss, May 9.

Seward County—Plenty of moisture. Wheat never looked better. Small acreage of oats and barley sown but the fields are in splendid condition. Corn planting about over and acreage is small. Several pit silos finished lately.—John L. Boles, May 2.

Bourbon County—Plenty of moisture in the ground. Wheat doing well. Oats looking fine. Some corn up and some farmers are still listing. Stock looking well. Pastures good. Stockmen are still building silos.—G. H. Reynolds, May 9.

Barton County—Good rain on May 2 started the wheat nicely. Oats is thin in most fields. Pastures very backward and weedy. Acreage of corn planted will be below the average. Wheat 82c; corn 78c; butter 20c; eggs 16c.—J. A. Johnson, May 9.

Osborne County—Week ending May 8 was cool and unfavorable for grass and corn. Corn nearly all planted. Plenty of moisture for wheat and it shows a 100 per cent condition. Stock on pasture but the grass is still short.—W. F. Arnold, May 9.

Rice County—Good rain May 1 and 2 and the wheat prospects are great. Farmers are planting corn and the first planting is up. Worms are eating orchards where they are not sprayed. Stock doing well but pastures are short.—E. L. Partington, May 4.

Leavenworth County—Average acreage of corn planted. All crops need rain and spring sown clover needs it badly. Quite a number of farmers are planning to build silos. Some complaint about chinch bugs in the wheat.—Geo. S. Marshall, May 9.

Wilson County—Seed from 1912 corn has made a splendid stand. Wheat looks good but rain is needed. A few chinch bugs in the oats and wheat now. First alfalfa cutting will be good. Butter 14 and 20 cents; eggs 16c; corn 75c.—Adolph Anderson, May 9.

Coffey County—Crops are growing fine but a good shower will be welcome. Corn planting is finished. Wheat and oats are looking well. Potatoes show a poor stand on account of the heavy rains. Strawberries coming to market.—Mrs. A. H. Stewart, May 9.

Nemaha County—Corn planting nearly completed but acreage is smaller than last year. Weather conditions favorable for all crops, and vegetation is making a rapid growth. Hog cholera has about died out because hogs are about all gone.—C. W. Ridgway, May 11.

Meade County—A great deal of rain lately and the ground is thoroughly soaked. Oats and barley look good. There will be some fruit but peaches about all killed. Livestock look fine. Some horses and mules being sold. If we have favorable weather from now on we will have the largest crops in Meade county ever known. Some land changing hands.—W. A. Harvey, May 2.

McPherson County—Everything is growing nicely and crops never looked better this time of year. Plenty of moisture. Wheat and oats in first class condition. Corn planting is almost finished. All cattle are now on pasture. Very little broomcorn planted in this county.—John Ostlind, Jr., May 8.

Shawnee County—Corn planted. Ants took the corn where it was not in the ground deep enough and it had to be planted over again. Wheat and oats never looked better. A lot of wheat going to market. Alfalfa will be ready to cut in a week or ten days. Eggs 17c; butter 20c.—J. P. Ross, May 9.

Johnson County—Plenty of moisture and fine growing weather. Small grains and grasses growing rapidly. Soil is in fine condition for corn planting. Earliest plantings of corn are up and looking well. Potatoes up and early garden vegetables are ready for the table. Stock on grass and in good condition.—L. E. Douglas, May 9.

Riley County—Some spring sown fields of alfalfa are blowing badly. Corn nearly all planted. First planting of corn is coming up. Wheat and oats looking the best ever. Pastures good. A nice lot of calves and pigs coming on. A lot of cane, kafir and millet planted for feed. Hay $15; eggs 17c; cane and kafir seed $1.60 to $2.—P. O. Hawkinson, May 9.

OKLAHOMA.

Comanche County—Soaking rains on May 2. All wheat looking good and many fields are in full head. Feed crops up to a good stand. Cotton planting and corn cultivating the order of the day.—Fred E. Wiersig, May 8.

Pawnee County—Wheat and oats doing fine. Corn doing well for this kind of weather. Most of it cultivated once. Quite an acreage of cotton planted. Hay $18; corn 75c; cream 18c; eggs 15c.—V. Funkhouser, May 9.

Kiowa County—Hail storm on May 3 destroyed crops in the northern part of the county. Prospects for wheat and corn crops good. Rains came just in time to save crops. Farmers planting cotton.—Mrs. Alice Henderson, May 8.

Kingfisher County—Plenty of rain. Wheat and oats never looked better. All spring-planted crops backward but doing well. Stock doing nicely. Cotton acreage likely to be smaller than usual. Corn 70 to 80c.—H. A. Reynolds, May 9.

Canadian County—Plenty of rain and all crops are doing well. Potatoes are in bloom. Stock on pastures doing well. High water doing some damage along the North Canadian. Corn 74c; wheat 80c; oats 45c; potatoes . ; eggs 15c.—H. J. Earl, May 9.

Cotton County—Winter wheat heading and looks fine. Plenty of rain the last three weeks. Some fields are too wet to work yet. Corn plowing and cotton planting in progress. First crop of alfalfa nearly ready to cut. Pastures fine. Butter fat 18c; corn 85c.—Lake Rainbow, May 5.

Caddo County—General rains the last two weeks. Prospects for crops the best in several years. Wheat looks very good. Corn up and stand is good. Considerable cotton planted. All kinds of stock high. Mules $140 to $200; cows $70 to $100; hogs $7.85; corn 75c.—H. Reddington, May 4.

Pottawatomie County — Good rain last night. Corn all planted. Alfalfa is fine. Wheat in good condition. A great deal of kafir planted. Feed scarce and high. Stock in good condition. Pastures the best in years. Corn 85c; potatoes $1.10; prairie hay $16; alfalfa $19; eggs 15c.—L. J. Devore, May 4.

Major County—Heavy rains lately took out many bridges. Wheat looking fine but chinch bugs are showing up in great numbers. Small acreage of corn being planted. Weather cool and fine for work. Potatoes looking well. Alfalfa will be ready to cut in about ten days. Corn 85c.—W. H. Rucker, May 5.

Cleveland County—Crops growing well. Frequent heavy rains have retarded cultivation. Some corn fields washed so badly as to make it necessary to replant. Floods along the South Canadian river destroyed most of the crops and washed some farms partly away. Large acreages of cotton and peanuts being planted. Wheat is nearly ready to head and oats are looking fine. Butter 25c; eggs 17c.—H. J. Dietrick, May 6.

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THE FARMERS MAIL AND BREEZE

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Weighed in the Balance

What the Law Says Nowadays About Scales That Cheat and Packages That Are Not What They Seem

By F. E. Rowland, Inspector, State Board of Health

FROM the days of Moses until the present there has been constant strife to correct the diversity in weights and measures. Nearly all the states of the United States now have effective weights and measures laws, and the effective enforcement of these laws is made possible by proper and just legislative appropriation.

The division of foods and drugs of the Kansas board of health is effectively enforcing the weight and measure laws of the state, insofar as the small weights, scales and measures are concerned. Thousands of grocers' and druggists' scales, weights and measures have been inspected and hundreds have been condemned.

The work of the inspection force of the state board of health, however, is limited to the stores where food and drug products are kept, and in the food establishments to the smaller weights and scales. The larger scales, such as hopper scales in mills and elevators, wagon scales, coal scales, over which millions of dollars worth of goods, including livestock, grain, coal and feed, pass daily, are not regularly inspected, as no adequate provision has been made for such purpose. The food and drug inspectors have neither the time nor the facilities for this kind of work. It seems inevitable that, at least, two inspectors should be provided for this kind of work. As it is, the deputy state sealer of weights and measures, who is a professor in the state university, gives, during his vacation, every year a month or two to this work. His expenses are paid out of a special fund of the state board of health, which is not provided for that purpose.

The necessity for effective and regular inspection of large scales and weights is made evident by the fact that more than 30 per cent of wagon scales tested do not come within the tolerance of ten pounds on the ton. Some sales have shown shortages of more than 100 pounds on one ton. These shortages, or overweights, as the case may be, are not necessarily due to maliciousness, but largely to the simple fact that no method for testing is available, and that no regular inspection is provided.

The law provides that the county clerks shall be the official sealers of weights and measures for their respective counties. It also provides that test weights and measures shall be provided for the county clerks upon recommendation of the county commissioners. It is a lamentable fact, however, that few counties have availed themselves of these necessities.

The inspection of the smaller weights, scales and measures, which has been effectively done by the state board of health, has disclosed many devices designed to defraud and deceive the people. Prevalent devices were dry measures with double bottoms, dry measures with loose bottoms, so that they could be adjusted to suit the dealer; liquid measures with bulging bottoms, lead weights whittled down and smoothed over; scales with a thumb and finger adjusting device for pushing up on the weight side of the scale, which made the article being sold appear heavier than it really was. Some of these fraudulent devices are so artfully constructed that very close inspection is necessary to detect them.

One method of short measuring which probably is not intentionally done, is the selling of dry commodities by liquid measure; such articles as seeds, berries, onion sets are among these. Inspectors frequently find a liquid quart measure in the cranberry barrel. A quart of cranberries means a dry quart, not a liquid quart. Consumers should insist on dry measure or weight for dry commodities.

The national foods and drugs law has been amended to the effect that all foods shipped interstate or sold in the District of Columbia or the territories shall be considered misbranded if declaration of net weight, measure or numerical count is not made on the original package. This amendment will soon become effective, and consumers will do well to seek for this information on original packages of goods.

Merchants often complain of farmers bringing in prints of butter which declare no weight but are sold for pound-prints. A short-weight print of butter sold by the farmer to the merchant is just as much a violation as is the short-weight print sold by the creamery.

Net weights are insisted on for nearly all products. Wooden trays, heavy paper sacks, heavy wrapping paper should not be weighed to the customer for another article. A one-half ounce tray weighed as butter at 40 cents a pound would increase the cost about 1¼ cents a pound. This would amount to two or three dollars every year for every ordinary sized family, and this is only one of the many articles used which are subjected to the same loss. No doubt you have seen heavy paper, large enough to wrap a ham in, put on the scale and weighed with 25 cents worth of 25 cent a pound steak.

Most all special terms by which goods are bought and sold have a weight or measure significance provided by law. For instance, you order a sack of corn chop, bran, shorts or other feed, the law provides that you receive 100 pounds gross, the quantity designated as a sack. This is infallible unless special contract to the contrary is made by the buyer and seller.

Simple declaration of weight, not specified by law, on the bag or the tag attached to the bag, is not considered a special contract for this class of goods. A print or package of butter shall weigh 16 ounces; if it weighs less, a statement of the net weight must be made on the package. A loaf of bread shall weigh 2 pounds, one-half loaf one pound; if a loaf or one-half loaf weighing less than the legal weight be sold, a statement of the net weight shall be made on the package. Milk and cream sold in bottles must be sold only in bottles weighing 1 gallon, ½ gallon, 1 quart, 1 pint and ½ pint. The legal weights for flour are: 1 barrel, in wood, 196 pounds net; ½ barrel, in wood 98 pounds net.

½ bbl. in cotton sacks 98 lbs. gross.
¼ bbl. in cotton sacks, 48 lbs. gross.
⅛ bbl. in cotton sacks, 24 lbs. gross.
1-16 bbl. in cotton sacks 12 lbs. gross.

The legal bushel weights on farm products in Kansas are: Wheat, 60 pounds; rye, 56 pounds; Indian corn, in the ear, 70 pounds; kafir, 56 pounds; rice corn, 56 pounds; corn, shelled 56 pounds; sorghum seed, 50 pounds; buckwheat, 50 pounds; barley, 48 pounds; malt, 32 pounds; oats, 32 pounds; speltz or emmer, 38 pounds; beans, 60 pounds; clover seed, 60 pounds; Hungarian and millet seed, 50 pounds; potatoes, 60 pounds; sweet potatoes, 50 pounds; turnips, 55 pounds; flaxseed 56 pounds; onions, 57 pounds; salt, 80 pounds; castor beans, 46 pounds; hemp seed, 44 pounds; native bluegrass seed, 14 pounds; English bluegrass seed, 22 pounds; timothy seed, 45 pounds; dried peaches 33 pounds; dried apples, 24 pounds; green apples, 48 pounds; unslaked lime, 80 pounds; plastering hair, unwashed, 8 pounds; plastering hair, washed, 4 pounds; parsnips, 50 pounds, carrots, 50 pounds; beets, 56 pounds; tomatoes, 56 pounds; peaches, 49 pounds; shelled dried peas, 60 pounds; alfalfa seed, 60 pounds.

The inspection of weights and measures is of great importance to every citizen of the state. It protects the honest producer, both manufacturer and farmer, the honest distributor, both jobber and retailer and the consumer, both rich and poor. It equalizes competition. Probably no other law enforcement effects every person every day like that of honest weights and measures.

GREAT SUNDAYS LONG AGO

The Farmers Mail and Breeze:

You have good authority and precedent for a "Go to Church Sunday" in the open country. The men of Bible times had at least three great "Go To Church" Sundays which were distinctly the outgrowth of the life of an agricultural people.

The three great feast days of the Hebrews were agricultural festivals centered around the temple worship. The first was the Feast of Unleavened Bread associated with the Passover. This came in March and April, and was to celebrate the first appearance of the ears of corn and the firstlings of the flock. The second was the Feast of Pentecost, fifty days later and celebrated the completion of the corn harvest in May and June. The third feast was the Feast of the Tabernacles when the people came together and dwelt in booths and celebrated the completion of the fruit, oil and wine harvest. This came in September and October. It was truly a "harvest home" festival.

Nothing better could be worked out than a "Go to Church" Sunday which had the point of the old religious festivals so intimately related to the agricultural life of the Hebrews. Arthur E. Holt.

Congregational Church, Manhattan, Kan.

I am heartily in favor of a "Go to Church" Sunday for the country and all rural districts in every state, and I am very glad the Farmers Mail and Breeze is suggesting such a day to the farmers of Kansas.

I was brought up on a farm and lived several miles from any church. But at all seasons and in all sorts of weather the whole family invariably went to church and Sunday school. We generally rested up one team Saturday afternoon so as not to impose on the horses, and if for any reason we were not able to do this, we walked. I cannot recall any regular habit that really meant so much in the forming of right thinking and acting as this early and continuous habit of going to church.

Such a habit after awhile becomes a part of a person's entire program of life. One day in seven ought to be given to worship and doing something for others. Sunday and church offers a wonderful opportunity to men, women and children to vary the monotony of toil, obey a divine law, and get closer to God.

The country needs the rest and inspiration that worship can give just as much as the city. I certainly hope the suggestion of the Mail and Breeze will meet with a great response all over the rural districts of Kansas. Charles M. Sheldon.

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

PASSING COMMENT—By T. A. McNeal

The Trials of a Governor

I presume when Governor Ammons of Colorado received his election certificate he was swelled up with the pride of a partly satisfied ambition. He believed that it would be a fine thing to be elected governor of the state of Colorado.

The other day he staggered before the legislature which had been called into special session to consider the deplorable condition that exists in the mining district of southern Colorado. He came leaning on two assistants, one of them a woman; his face haggard with worry, his whole nervous system so broken down that his limbs were hardly able to carry him. His appearance and bearing were such that they excited the pity of even his opponents, for he is a broken man.

It is no wonder, for while it is hard to get at the right and wrong that are mixed up in the labor war that has been raging for six months in the coal mining districts it is hard to find any writer on the situation that has any words of praise for the governor. It is evident that he lacked the will, ability and steadfast purpose necessary to control the situation. The result is, to use the words of one of the Colorado senators, himself a political associate of the Colorado governor, "The civil government of Colorado is well nigh overthrown." A strong, well balanced, just man in the governor's chair in Denver would have so handled the situation that the horrible stories of bloodshed, of the killing of women and children, of the atrocities committed by both sides would not now have to be told.

It is a great deal easier to stand off to one side where you are entirely out of danger and where you are not personally responsible or personally affected by the result and give advice as to how a situation like that in Colorado ought to be handled than it is to handle it, but one thing is entirely evident and that is that Governor Ammons has not proved equal to the emergency.

A Kansas man with whom I am well acquainted, who is in business in Colorado and who is a shrewd observer of events and men, recently visited the governor and talked with him. He says that Ammonds tried to play politics. That perhaps is true but if so he evidently made a bad mess of the game. He has lost the confidence of both sides, plunged the state into debt a million dollars already and the end is not yet.

After all, the best kind of politics to play is to deal openly, to deal fairly and justly and to act promptly and firmly.

There was one paramount duty for the governor to perform and that was to prevent riot and disorder and in order to do that he should have treated both sides with the utmost impartiality.

But it probably is not fair to lay the whole blame on the shoulders of the Colorado governor. He was working with a bad system. Evidently the military organization of Colorado is badly manned and has been for years. It is not an efficient organization though a very expensive one to the state. The evidence seems to be undisputed, for example, that the members of the militia, that is, some of them at any rate, sometimes acted as mine guards and sometimes as members of the militia. In other words, the men were receiving part of their pay from the state of Colorado and part from the mine operators.

Of course such a force was not in position to gain the respect of the strikers who should have been given to understand clearly that it was not the purpose of the state to favor either side but to hold the balances of justice evenly between them; to preserve the peace and help to restore industry and order. So with the blundering, vacillating policy that has been pursued the situation has gone from bad to worse. The irritation and bitterness has increased to the point of frenzy and the minds of the contesting parties are now in no condition to arbitrate the differences between them. What is even worse than that is the fact that the result has been to create a contempt for organized government in the minds of many and a positive hatred of it in the minds of many others.

The state of Colorado has proved its inability in the minds of many thousands of ordinarily good citizens, to preserve order or protect either life or property and if a government cannot do that then it is not worth having.

These citizens say, "If this state government is unable to keep the peace, to preserve life and property within its borders then we are wasting the money we pay for taxes and would be as well off without a state government." On the other hand the result of this bloody strife has made many thousands the bitter enemies of all government. They probably had some anarchistic notions in their heads before this trouble commenced and those notions have been confirmed.

My own opinion is that the worst governments known are better than anarchy which would mean the rule of brute force, the spoliation of the weak by the strong and vicious and the complete destruction of all productive industry to be followed by woes that can hardly be imagined, but bad government inevitably tends to this deplorable condition.

When the majority of the people of a commonwealth lose faith in their government it is heading for the rocks. So the trouble in Colorado is a matter of more than state-wide importance. It necessarily affects the people of every state in the Union, for here more than anywhere else in the world the perpetuity of government depends on the faith and support of the people. If that faith and support are broken down in one state that condition produces lack of faith in other states and unless the infection is checked it will finally permeate the whole body politic and threaten the existence of the Republic.

The physical collapse of Governor Ammons of Colorado shows again how vain and unsatisfactory are the ambitions of men especially when the man's ambition leads him into a situation that he is incapable of handling. He will leave the office he sought a physical and probably a mental wreck and will only have a place in history of a man who utterly failed.

What is the Remedy?

That isn't an easy question to answer, but as I feel about it now I would like to see government ownership on a co-operative basis tried. I would like to see the government of the United States take over the property at a fair valuation and then arrange as far as possible that every employe in the mines should have some interest in the property so that he would feel that he was working for himself, and the greater the output and the less the expense of operation the greater would be his share from the product.

There is still, thank God, a general confidence in the United States government, in its stability and general impartiality and permanency. Therefore there would be no difficulty to get men who would work willingly in the mines under the care of the general government and with such a co-operative arrangement as I have suggested.

These men would be suspicious of any co-operative plan or stock distribution plan under private ownership, because they would believe that the men in control would exploit them, but these same men, generally speaking, would have confidence in the fairness and justice of the national government.

The Mexican Situation

Hoping against hope that we may yet get out of Mexico without war, I freely confess that the situation looks bad to me. It seems to me that every day brings us just that much nearer to armed intervention with the beginning of an era in Mexico of which no man can see the end.

It may be that with the elimination of Huerta, arrangements can be made with the Constitutionalists by which an orderly and fair government may be established. I hope so but I confess that it is rather a faint hope.

Business interests are going to exert a powerful influence in favor of permanent occupation of Mexico by the United States and the dictation of this government as to the kind of government that shall be organized in Mexico. If this policy is adopted it will certainly lead sooner or later to a break between the followers of Carranza and Villa and our government. So I confess that I am feeling rather pessimistic about the situation.

It seems to me that there is an almost endless vista of trouble opening up ahead of the United States. I fear that it will mean a long, desultory warfare with a vast deal of expense and loss of life and little glory. I think it will necessitate keeping an army of not less than one hundred thousand men in Mexico for years to come and will add to the debt burden of this nation before the chapter is finished, not less than 2 billion dollars.

It will mean either an attempt to absorb an alien population of not less than 15 million souls or the ruling of that population as a foreign dependency with all the official graft and exploitation that goes usually with that sort of rule. And worst of all I fear that it will detract our attention for a generation from the reform problems that are nearer home and that are now pressing for solution.

Maybe I am wrong. I hope so. A brother of mine who has made some considerable study of the Mexican situation from personal observation writes me taking a more hopeful view. He says:

"I am not much alarmed about the Mexican situation. I am sure the great bulk of those people want peace. That is especially true of the business men who really control the matters of that great country. They are made up of French, English, Germans and Americans. The peon class are not such bad people. You know I spent several months down there and concluded that aside from their ignorance and superstition they were rather a kindly people and would rather have peace if treated fairly. The Diaz crowd were of a harsh and overbearing class of people.

"This revolution had to come but the business men would welcome intervention on the part of the United States, as it would mean protection to the commercial interests of that country. Diaz gave a good administration so far as the general commercial interests were concerned; but so far as being fair and honest with the great mass of the people he knew nothing of what that meant".

That accords in general with what I fully believe. The trouble in Mexico is rooted in injustice, with which of course the United States had nothing to do but for which we may have to pay a large part of the penalty. Now there never can be permanent peace and prosperity in Mexico until the original injustice is righted as far as it is possible to right it. Land monopoly must be broken up. A general system of free, practical education must be established. The masses must be given a fair deal.

The only thing that reconciles me to the thought of intervention is the hope that the United States may be the instrument by which the injustice of centuries may be removed and the rule of right and kindness established. If this is the result we will not regret the vast expenditure of money necessary to bring such a condition about nor even the lives that will be sacrificed, for it can at least be said that they are sacrificed in the interest of justice and humanity.

Somebody Got Stung

A subscriber, W. J. S., writes me that he was one of the persons induced by some persuasive land agents to invest his mazuma in lands down in the valley of the Rio Grande and intimates that he got stung as a result. He sends me a copy of the Nebraska State Journal which contains an extended report on these lands made by Prof. G. E. Condra of the Nebraska State University to the Nebraska Conservation and Public Welfare Commission.

Prof. Condra gives this healthy bit of advice: "He who lightly decides to leave this state of plenty to seek land in a locality to which he is not suited is almost surely doomed to disappointment. He who puts himself in the hands of fraudulent operators, accepting their statements as true and staking all on their representations, without a thorough personal investigation, does not deserve a better fate than he will meet."

Here are some of the things that Prof. Condra found in his investigations of the Rio Grande valley lands sold to northern investors by land agents.

1, Exaggerated claims as to possible agriculture in certain lines.

2, Overloading persons with limited capital so that they were not able to clear the land and develop the expensive agriculture.

3, Failure on the part of the land sellers to adjust cases in which the land proved to be non-irrigable, though sold as irrigable land.

4, Cases where the land company failed to clear the land; failed to sow alfalfa, and failed to plow the land, though paid for doing so.

5, Much land sold in one locality upon the representation that an interurban line was soon to be built, but the line has never been constructed.

6, Some purchasers received warranty deeds to mortgaged lands.

Opinions on Various Subjects

Nelson Brown of the National Military Home writes that he has been an advocate of fiat money under proper restrictions for a long time.

"I believe," he says, "that your plan of rural credits would be excellent under proper limitations. The greatest danger connected with fiat money would

be the caprice of legislation alternately inflating and contracting the volume of currency. Your plan, while not exactly fiat might result in too great inflation, heavy indebtedness and then contraction of the circulating medium."

There might be some danger of that kind, as Mr. Brown suggests, but I am of the opinion that with the system of government banks I have suggested, there would be no need of any great expansion of the currency. It would enable the people to get the advantage of liquid credit.

Let us suppose that Mr. Brown had a farm worth ten thousand dollars in the opinion of the assessor. He wishes to utilize his credit and makes a mortgage on the farm for 60 per cent of its assessed value, the mortgage being drawn in favor of the government bank and bearing a tax of 1 or 2 per cent.

Mr. Brown would deposit this mortgage in the bank and get credit on the books of the bank for a deposit of six thousand dollars. He would then check against his deposit just as the depositor in any bank checks against his deposit.

Now all men would not use their credit wisely. Some would make foolish expenditures just as they do now and in the end some would lose their lands, in which case the land would go back to the government to be disposed of to another citizen. The government could not lose because it would always have security worth at least 40 per cent more than the amount of credit lent through the government bank.

Now let me say this: My experience and observation have been that the rate of interest the borrower pays has nothing whatever to do with his extravagance in the use of the money after it is borrowed. Borrowers are just as wasteful and extravagant in the use of money borrowed at a very high rate of interest as at a low rate of interest. If the borrower is thrifty and intelligent he will make good use of his borrowed capital. If he is extravagant, wasteful and foolish he will lose his borrowed money no matter what the rate of interest may be. If however the thrifty man can borrow credit or money at a low rate of interest he has a great advantage over the man who has to borrow money at a high rate.

As I have before said, I think more and more of the business of the country would be done by an exchange of credits in the form of checks and drafts and there would be no need for any considerable inflation of the volume of currency.

L. S. Crawford, of Pendennis, Kan., writes me giving his opinion on the subject of money. He says:

Editor The Mail and Breeze—My definition of money is that it is the legal measure of value of which the dollar is the unit and the half dollar and quarter are the divisions of the unit, just as the bushel is the unit of dry measure, and the peck, quart and pint measures are its divisions.

The bushel is created by law and so is the dollar a creation of law and has to fill all its requirements before it becomes a measure of value. It has no value as a measure, any more than the bushel has value as a measure. Both have their commercial value. The dollar measures values but it is no more a part of the value than the clock is a part of time. It measures time, that is all.

There is no such thing as redeeming any dollar. During the war the Republicans sold bonds for greenbacks and they called that redeeming the greenback. Cleveland sold bonds for gold and called it buying gold. Did he not redeem the gold, just as the Republicans redeemed the greenback? Both actions were the same. If not, why not?

Take a twenty dollar bill to the treasurer of the United States. He will hand you a twenty dollar gold piece. You say he has redeemed the greenback. Now hand him the twenty dollar greenback and he may hand you back the twenty dollar gold piece. Does he redeem the gold piece and if not, why not? The fact is that both transactions are the same, merely an exchange of measures. You are given your choice of either a gold measure or paper measure. The material out of which the measures are made makes no difference.

I will give you my plan for furnishing money to the public on an equal basis to all. According to the report of the Secretary of the Treasury the banks have 16 billions of deposits and 12 billions of loans and discounts. If we had public ownership of banks would we not have all the money that the banks have now and more? That being true would not the public have all the money needed to build railroads, canals, irrigating ditches, reservoirs, wagon roads, 'phone lines, packing houses, manufacturing establishments of all kinds, etc., in short, sufficient to do all kinds of business of every description and at the same time do away with taxes and tariffs of every description. As fast as the money was checked out it would come back in the form of deposits, so that the more business the public would do the greater would be the volume of deposits.

Public ownership of banks will do away with bonds, mortgages and other forms of indebtedness. It will also in time establish the co-operative commonwealth and destroy private monopoly.

I also claim that no nation has a right to protect any person's property when invested in another country. Protect his life, but not his investments. All investments should be governed by the laws of the country where invested. The establishment of this principle would put an end to nearly all wars, and save the cost of life and money and also do away with that fraud, the "Peace Congress".

Pendennis, Kan. L. S. CRAWFORD.

Writing from Eufaula, Okla., H. S. Walters makes some observations as to the why of the high cost of living.

"Much of the produce of the farm," says Mr. Walters, "is sold at cost. Half the hogs are sold at actual cost, while the other half may bring from 10 to 30 per cent profit. Good, smooth, healthy cattle will bring some profit, but fully half are sold at a loss. The profit in cattle is made, if made at all, by buying the right kind at the right price.

"Anyone can take one dozen hens, feed them with the scraps from the table and make a big profit, but if the number is increased to hundreds, the income in many years will not pay for the feed and labor.

"We sell 32 pounds of oats for 35 cents and 2000 pounds of straw for $2. Then we drive around to Main street and pay 30 cents for 4 pounds of oat meal and 5 cents for a pasteboard box made of straw. We sell one pound of cotton for 9 cents and it must be sound, pure cotton, and buy back one pound of overalls at $1 and they may have been immersed in acid which lessens their wearing quality.

"We pay $50 in taxes and get in exchange a large quantity of hot air. We sell cattle and hogs at from 5 to 8 cents a pound and for the price of a pound of our pork or beef we can buy about enough potted ham to fill a hollow tooth; that is, before the hollow gets big enough to notice.

"We sell a hide for 12 cents a pound and then buy 1½ pounds of finished shoes for $3. We like to go visiting and view the fleeting landscape, but it costs money to look out of a car window."

I assume that the moral Mr. Walters would teach is that if the producers would reduce the high cost of living they must co-operate and manufacture their own products. That is the solution, provided the right sort of management can be obtained for the co-operative establishments; otherwise they had better never be started. A great many co-operative establishments have failed, but in every case the failure can be traced to bad management.

The fact that co-operation has in a number of cases proved to be a great success, proves that the idea is good, the failures prove only that bad management will bring disaster in almost any undertaking.

The Farmer's Problem

Editor The Mail and Breeze—The farmers are facing a very serious situation. Nearly every element of the social and political world is in union against them. Practically all trades and professions are organized to increase the prices for their employment. The lawyers, the doctors, the barbers, the railroads, the bootblacks, the railroad employes, the butcher, the baker, the candlestick maker, all get together in their respective trades and professions and proclaim that prices have gone up and they must increase their charges for services rendered.

But this is only the beginning of a cycle. In a short time the members of these organizations discover that they are no better off because prices have been raised all round and more people have been attracted to the cities to share in these high wages. Then the price-raising cycle continues. It is a vicious, never-ending circle. It is a war of the few, highly paid, closely organized against the many.

The two great producing classes, the farmers and day laborers, cannot meet together and by mere resolution raise the price of their products. The law of supply and demand does govern the price of farm products, but in the case of the professions and organized trades prices are raised by resolution.

The process is to be continued. The railroads in order to impress the public with the justice of their demand for higher freight rates, are laying off their men by the thousands and these men will lobby through their trades union officials for the increase demanded. Then they demand their own wages with the plea, "The public pays it in the end."

The farmer pays for all.

The idea of throwing the burden of taxation onto the farmers has been enacted into law. In order to lower the high cost of living in the cities the farmers' products have been put on the free list, while the farmer is kindly allowed to buy in a highly protected market. It seems self-evident to us farmers that if protection is a benefit to the manufacturer it would be equally so to us, and that if free trade is a good thing for the farmers it would be equally good for the manufacturer.

In the homely words of our grandmothers, "What is sauce for the goose is sauce for the gander." "Equal rights for all" is the foundation principle, or should be, of our system of government.

The tariff bill was passed with a great flourish of trumpets as a remedy for the high cost of living, and now its defenders claim that the farmer is not injured because it has not lowered the high cost of living. It seems to be the law of business that the price of the raw material may go down 20 or 30 per cent, while the price of the finished product does not vary 1 per cent to the consumer.

There is very little connection between the price of hides and the price of shoes. All farmers know that the price of hogs may go down $2 a hundredweight, but the price of bacon and ham will not be lowered. The price of wheat may be lowered 20 per cent, but the size and price of the baker's loaf will remain the same.

The packers know this even better than the farmer, for it is the source of all their wealth. They can and do use the meat imports to hammer down the price of the farmer's cattle and hogs in a famine year, but they don't lower the price of meat to the consumer. The tariff is working just as it was designed to work—to beat both the producer and the consumer. From the packers' standpoint it is a good deal like stealing candy from a blind baby. W. F. RAMSEY.

Victor, Kan.

A Farmer's Opinion on Roads

Editor The Mail and Breeze—In the issue of April 11 you write about good roads. I agree with you that the dirt road is the cheapest and most practical for Kansas and a good many other states. The present howl for good roads, however, is not for the purpose of helping the public in general; it is to help a few at the expense of the many.

In your article on good roads you mention the supposed case of a railroad company building a roadbed at random, according to the separate fancy of Tom, Dick and Harry. Of course, an undertaking of that kind would be a failure. Now, my dear sir, there was a time when the people of this state had no roads. People cut across the prairies wherever they could find a way. Then when the country was settled more thickly they had to stay on the section lines. The only available fund to build roads with at that time was the proceeds of the poll tax and people built the best they could with the means at hand.

Now, if some of the men who seem to be overflowing with pity for the poor Kansas horses that have to pull loads up steep grades had at that time tooted their horns for good roads, it would have sounded a good deal better than it does now, but at that time no one was interested in good roads except the farmer, and if he got stuck in the mud he had to work his way out as best he could.

The present howl for good roads is not for the benefit of the Kansas horses, but in order to satisfy the greed and selfishness of the automobile companies and the road machinery companies on the one hand, and in order to satisfy the desire for pleasure of those people who desire to go joy riding. In order to satisfy the people mentioned a county road tax is being imposed upon every taxpayer of the state. The county road law is simply a special privilege to the few at the expense of the many.

In this part of the state we have roads good enough for anybody to travel on, even if they were not built under the supervision of a practical engineer, and our taxes were high enough without the addition of the county road tax.

Sylvan Grove, Kan. H. F. RICKENBERG.

I confess that it is hard for me to understand Mr. Rickenberg's viewpoint. It is true, no doubt, that the manufacturers of grading machinery and automobiles have a selfish interest in good roads for the reason that it will stimulate the sale of road graders and automobiles. It is also true that automobile owners are interested in good roads because they are the only kind on which an automobile can travel with any pleasure or comfort to the occupant. But after all the farmer derives more actual benefit from good roads than anyone else.

Having been raised on a farm I know personally what a tremendous drawback bad roads are to the farmer. I know that in my youth there were a few well kept pikes in the country in which I lived, and I know that land along one of those pikes would sell for 50 per cent more an acre than otherwise equally good land that was located miles away from the pike. The reason was evident. The farmer who lived on the pike could haul his produce to market when it was utterly impossible for the farmer on the bad road to move any kind of a load. At times when most of the country roads were impassable, these pikes were in good condition and the farmers could travel over them in comfort.

Now, so far as automobile owners are concerned, it is well known that more of them live in the cities and towns than live in the country, but all the automobile license tax is to be expended on the country roads, not on the city and town streets. Admitting that there is a selfish purpose back of the movement for good roads, what difference does it make if the country is benefited by the movement?

Of course, the automobile companies and companies that manufacture road graders were not in business at the time mentioned by Mr. Rickenberg, when "people cut across the prairie" because there were no regularly laid out roads, and they could not then "howl for good roads."

Clean Up Politics

For years we have done all our legislating at the top. Our political machines have worked for big business, but not for the biggest business; for the offices and spoils—for the perpetuation of the power of the bosses. From year's end to year's end this kind of thing has gone around and around in a vicious circle, boosting taxes and denying benefits, except semi-occasionally when the machine has been cornered and compelled to do real public service to save its life. The result is the waste, inefficiency and misrule with which we are all familiar.

What can we do about it?

We can do a good deal. We can quit letting the politicians work us. We can quit letting the machine run things in town and country.

Suppose every voter should pledge himself to subscribe to a voter's creed something like this:

I will let nothing come between me and my duty as a voter.

I will pick and choose my men carefully in the party primary.

I will vote religiously and regularly, to the best of my knowledge, to nominate the best man for every one of the places, big and little.

I will vote at the election for those I believe to be the best men for township officers and county officers and to represent me in the state house and legislature, choosing every time the most deserving man for each place irrespective of party.

I will quit electing corporation lawyers to the legislature.

I will pay more attention to men and measures, platforms, pledges and performance.

I will vote every time as if the best interests of the country depended solely upon how I voted and my getting to the polls to vote.

Voting really counts now. Conventions of political fixers no longer choose the men for whom we are to vote. We can clean up and clean out the present system if we will and get something decidedly better in its place—something substantial in return for the taxes we pay—by letting nothing come between us and our duty as voters when we mark a ballot.

Suppose we resolve to do this duty, or if we don't to take the consequences due us, without grumbling. If we won't work for the best interests of the community, state and nation, why should we expect others to? This is the responsibility that rests on every voter and he cannot shirk it if he would see his country prosper.

Arthur Capper

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Then You'll Have No Smut

BY H. F. ROBERTS, Botanist, Kansas Experiment Station.

The prevention of kafir and sorghum smut is a very simple thing. All that is necessary is to treat the seed before planting with formaldehyde. Soak the seed for two hours in a solution of 2 pints of formaldehyde to 49 gallons, 3 quarts of water. Formaldehyde is sold at the rate of not less than 50 cents a pound (1 pound equals 1 pint).

In treating the smutted seed, allow 3 pints of the formaldehyde solution as made up, to cover 4½ pounds of the seed, or about 4½ gallons to the bushel of seed. The same liquid may be used over and over again, so long as the seed is kept covered. The most satisfactory procedure is to hang the smutted seed, in a loose burlap bag, in a barrel containing the formaldehyde solution. Cover top of barrel to retain the fumes of escaping formaldehyde gas as much as possible.

This treatment was worked out for the first time by the writer in 1907, and wherever it has been used, it has resulted in the complete elimination of kafir and sorghum smut. Of course it must be understood that the grain cannot be sown in ground that is already foul with smut, and it must be remembered that the drill should also be disinfected with the foregoing solution.

Here's a Man Who Tried It

It was a few years after the smut had first made its appearance in the kafir fields of our section that we sought the advice of Prof. H. F. Roberts, state botanist at the Kansas Agricultural college. He recommended the formaldehyde treatment for the prevention of smut, a formula we have found most effective. Full information concerning the different methods employed are to be found in Bulletin No. 149 issued by the Kansas Agricultural college.

The formula which has given us the best results for a number of years and which a number of our friends have used with good success is as follows:

Put a bushel of kafir seed in a bran sack. Put 23 gallons of water in an ordinary barrel and mix ½ pint of 40 per cent commercial formaldehyde with it. Submerge the sack of seed in this solution and leave it for one hour, then remove the seed and spread it on a dry floor or canvas. Shift it frequently until it is absolutely dry, then put it in the sack until you are ready to plant it.

Sometimes the seed is planted immediately while it is still damp but our experience has taught us that best results are obtained if the seed is dry. Seed treated in this way will, if properly handled, lose none of its germinating properties and the result will be a field of fine kafir instead of from 10 to 50 per cent smut. We feel that we are under obligations to our Experiment station and Prof. Roberts for the help rendered. William Ljungdahl.

Manhattan, Kan.

Removing a Blood Wart

In several issues of your paper I have noticed inquiries regarding blood warts and the treatment recommended to remove them. I would like to give an experience I had along this line. I have a 4-year-old horse that had a blood wart just back of his ears. I had it cut out twice by a veterinarian, and burned out with a red hot iron. But the wart came back every time. A neighbor advised me to get 20 cents' worth of calomel and apply it twice a week. I did this and in about two months the wart had disappeared entirely.

Eskridge, Kan. D. E. Wilson.

The calomel used in this case would have been inefficient if the growth had not been previously removed. The best method of contending with this condition is to cut out the wart deeply and afterwards apply a 10 per cent solution of formalin. The reason that the growth comes back so many times after it has been removed is because it is cut "off" and not "out" as it should be.—Dr. F. S. Schoenleber, Manhattan, Kan.

Supporting Home Institutions

There has been much discussion in recent years of the growth of the larger cities of this country while our small towns have tended to go backward.

Most people feel that the tendency is not a good one. Certainly the farming community that is live and wide-awake appreciates the advantages of a good country town with churches, schools, stores and shops and other social and business conveniences. The country community owes a duty to the town which is its social and business center. This duty includes a loyal support of home-town institutions, including home-town merchants.

This does not mean that the local merchant has an inherent "right" to all the trade of his community. It does not mean that a farmer must submit to exorbitant prices, or to goods of inferior quality in order to support his home town. Indeed, no sensible merchant asks such support. He knows that he must submit to the natural competition of business. He knows that there are mail order houses which make all sorts of attractive inducements to procure trade and he knows that he must meet this competition, not by "whining" about it, but by genuine service to his people.

We have talked with a great many retailers in Kansas, and we are convinced that all they ask is a fair deal. They seek no monopoly. They are not claiming support by any "divine right." All they want is the chance to show their natural customers what they can do for them. And it is only right that they should have it.

If you own a farm five miles from a good town you know very well that the value of your land is increased by the growth and prosperity of that town; and you know very well that it is worth a great deal to you to have the conveniences, and advantages which a good town gives. And so, from a purely selfish point of view you know it pays you to support home town institutions.

There should be no jealousy between the town and the farm community around it. Their interests are mutual.

CAUSE AND EFFECT

Good Digestion Follows Right Food.

Indigestion and the attendant discomforts of mind and body are certain to follow continued use of improper food.

Those who are still young and robust are likely to overlook the fact that, as dropping water will wear a stone away at last, so will the use of heavy, greasy, rich food, finally cause loss of appetite and indigestion.

Fortunately many are thoughtful enough to study themselves and note the principle of cause and effect in their daily food. A. N. Y. young woman writes her experience thus:

"Some time ago I had a lot of trouble from indigestion, caused by too rich food. I got so I was unable to digest scarcely anything, and medicines seemed useless.

"A friend advised me to try Grape-Nuts food, praising it highly, and as a last resort, I tried it. I am thankful to say that Grape-Nuts not only relieved me of my trouble, but built me up and strengthened my digestive organs so that I can now eat anything I desire. But I stick to Grape-Nuts."

Name given by Postum Co., Battle Creek, Mich. Read "The Road to Wellville," in pkgs. "There's a Reason."

Ever read the above letter? A new one appears from time to time. They are genuine, true, and full of human interest.

African Kafir Has Arrived

Every Grain Seems Perfect—Corn a Fine Stand—Farm Doings

BY HARLEY C. HATCH.

OUR African kafir has arrived. It looks like fine seed and the grains are larger than we have grown here for the last few dry years. The test of the value of this imported seed is yet to come but if it performs as well as the imported seed used in Osage county during the last two years we shall not regret the $5 a bushel it cost us. What we are especially hoping for is favorable weather when we plant this kafir; should bad weather rot it in the ground we shall hardly know where to turn for more seed.

We hope to make this bushel of imported kafir plant 20 acres and, as every grain seems to be perfect, that should make a stand plenty thick enough. Should all the seed grow, 1 bushel to 20 acres would be almost too much if the crop is intended for grain. Where fodder is the chief purpose, or where the crop is to be used for silage it might be well to plant a bushel on about 15 acres but for a grain crop in eastern Kansas 1 bushel to 20 acres is plenty thick enough.

In former years following a drouth the fruit crop usually has been very poor. Following the dry year of 1901 we did not, in this section, raise a single peach and very few apples. But this season different conditions have given us a fine prospect for most kinds of fruit and this follows one of the worst dry years in our history.

Probably the difference may be accounted for by the weather we had last fall. The fall and winter of 1901 were very dry while last fall was warm and wet. The peach trees in this locality are full of young fruit and cherries will be a fair crop. Apples bloomed well but the old apple orchards here are getting pretty well thinned out. Someone will have to plant some apple trees here before long.

Not in years have we seen the wild strawberries show such promise of a crop as at this writing. The blossoms are large and look as thrifty as the cultivated. In some pastures there are places where there are more strawberries than grass. This is fortunate for strawberry lovers, for the dry weather last year did much damage to cultivated berries.

Corn is coming up all over the country and so far as we can see there is going to be a fine stand. Corn has been planted here in about every imaginable way which will give us a chance to test which is best. Quite an acreage has been planted here by disking the ground, then running the cultivator over it and planting in the cultivator furrows.

Four of the six work horses on this farm have the distemper. They are not badly off but we cannot work them as if they were well and so the farm work moves slower than we like. The appetites of these horses for 75-cent corn and 45-cent oats does not appear to be impaired but the disease shows when they come to drink. It seems to hurt them to put their heads down to the water and the first water they swallow seems to go down with difficulty.

We have already discovered that the prepared roofing used on our new hen house will have to be nailed much more securely than the directions say. Perhaps the best plan of all would be not to use the nails that come with the roofing but to take strips like battens and nail one of these down the roof wherever a rafter comes. Our hen house roof is boarded solidly but for all that enough wind gets under it so that we can see the roofing raise up. We were told that hail would damage such a roof but we have had one severe hail storm since putting on the roofing and cannot see that the hail even marked it. Hail might harm the cheaper makes of roofing, however.

A Burlington man who has kept chickens in town for a number of years, and kept them well, too, gave them up this spring. Accounts he kept for a series o f years convinced this man that where all the feed had to be bought and the chickens confined in yards it was cheaper to buy eggs than to keep chickens. This agrees with what we have always believed. We have always thought that if all the feed the chickens ate had to be bought and the product sold at present prices the chicken owner would come out at the wrong end of the transaction every time. Profit comes in when the fowls get half their living from the refuse about the farm. The man who discarded the chickens says that, while town chickens may not pay, a town garden always does. We agree with him there for town gardens are nearly always better than farm gardens, although we hate to acknowledge it

Just across the road from this farm a neighbor sowed some flax this spring. Part of it was planted on top of disked ground and harrowed in while part was sowed and then disked in. Shortly after a big rain fell which had the effect of making a poor stand of the flax which was disked in. Flax is something which needs to be covered lightly especially in a country where the soil is heavy and where there is much rainfall. The flax acreage in this county is the smallest we have seen since 1896. Flax is no longer a paying crop here; it can be grown more cheaply on the new lands of the Dakotas.

Farmers here have just begun to find out what it costs to feed a team for a year. Should grain remain as high in price in the future it will have the effect of cutting down the number of horses, for in that case all unnecessary horses would be sold. One neighbor said that he never before thought that it cost so much to keep a team; he had always raised plenty of corn and it was fed to the horses without much thought of the quantity or what it was really worth. Now that he has to buy all his grain like all the rest of us, he can see that the cost of feeding the work horses of the farm is no small item.

We have this spring been doing more walking than in a number of years and find that, although growing no younger, we still can stand up to the tramping all right. That we do not get footsore we lay to the better shoes we now have. In years past the shoes the average farmer bought were coarse, unlined clumpers of heavy hide, warranted to take the skin off a man's heel the first time he tried to walk in a furrow with them on. Of late years we have made a practice of wearing fine shoes for farm work—the kind we used to think we could afford to wear only on dress-up occasions.

We work the shoe business in this way: We buy a pair of fine shoes of gun metal calf and wear them for "best" shoes for some time. They are then well broken to fit our feet and the newness is beginning to wear off a little. Then we buy a new pair for Sunday and use the worn pair for farm work. We find this works well; our work shoes are always broken in to wear when we have to do much walking in them and so they are always easy. We pass this along for the benefit of anyone who wishes to try it.

When we consider what the farm boys of former days had to wear on their feet we wonder any of them ever managed to grow up able to walk. In those days it was common for a farm boy to go barefoot during the summer and that helped out; had he been compelled to wear the boots of winter during the summer the farmers of the present generation would have been legless without a doubt. No doubt many of our readers have been through it all and know the joys of hopping around on one leg on a winter morning kicking with the other at the base board in a vain endeavor to get a foot into a sole leather boot that had shrunk two sizes while lying under the stove the night before. The old days were good days for we were boys then, but the boots of those days bring no pleasant memories to the writer; he prefers the shoes of today for they don't concentrate all his attention on his feet.

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MERE surface beauty doesn't wear well, either in shoes or human beings.

"Star Brand" Shoes delight the eye, but more than this, they wear better than other shoes because they are good clear through.

We make more shoes than any other manufacturer. The more we make the less they cost to make. This saving goes into extra quality.

There are lots of good shoes, but—

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Get the Genuine "Star Brand" Shoes, with our name on the sole and our star on the heel. No others are "just as good".

Sold by good dealers everywhere. If your dealer doesn't sell them it will pay you to trade at the store that does.

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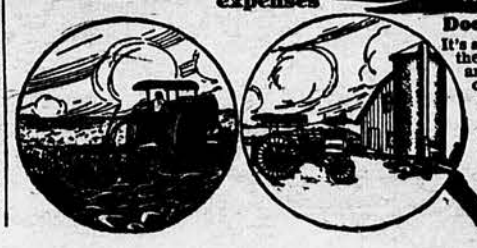

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Heider Manufacturing Co.
455 Main St., Carroll, Iowa.

Harvest Will Soon Be Here

Never before in the history of this State, has there been a prospect of so great a crop of small grain as this year. Not only is the acreage great, but conditions are splendid.

Harvest time will be short. A day or two may make a great deal of difference to you. You cannot afford to take any chances with an old, unreliable or untried Binder.

For many years—56 to be exact—ADRIANCE Harvesting Machines have given satisfactory service to farmers in all parts of the world—from the fertile valleys of Siberia to the great plains of the Argentine, and now, under the ownership of the Moline Plow Co., are being extensively sold and used in the great Middle West. Read this letter:

Attica, Iowa.

Moline Plow Co.,

Gentlemen: I bought one of your **ADRIANCE** Binders from your dealer, J. T. Robuck, of Attica, and I wish in this way to let you know that the Binder gave me the best of satisfaction. The draft and ease with which it performs its work was really surprising, in fact I could not notice any difference in draft when the bundle was being tied, and I also wish to say, It Never Missed Tying a Bundle. The convenience and ease of all the levers for shifting the working parts, beats any Binder that I have ever seen. I can gladly recommend this Binder to any one wishing a new Binder. (Signed) D. K. Smith.

Costs more to build—sells at the same price.

If we could take you through the ADRIANCE Factory; if we could show you the care used in the selection of materials; the painstaking supervision in the manufacture of every part in its construction, you would appreciate thoroughly the secret of the splendid success and superiority of the ADRIANCE Binder.

The ADRIANCE Binder is so simple anyone who can drive a team can operate it. Its adjustments are so easily made that even a boy can run it.

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In practically every town throughout the country you will find a FLYING DUTCHMAN Dealer. Any one of them can show you the ADRIANCE.

Complete stocks of ADRIANCE Harvesting Machinery and repairs are carried at our Branch Houses and Transfer points in all parts of the country.

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MOLINE PLOW CO.

Dept. 15, MOLINE, ILL.

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Corn Needs Good Tending

Moisture Should Be Carefully Conserved for the Midsummer

BY F. B. NICHOLS, Field Editor

WE HAVE collected a strange and fearful mass of knowledge about corn growing here in Kansas, and almost every man has his own special system that he rarely changes. If you get several corn growers together, you will rarely find that two will agree on all the steps in the cultivation of corn from the time it is planted until it is laid by. A part of this difference, of course, is caused by the training which different men have obtained on the different soil types.

Perhaps the most important things in the cultivation of corn are to keep the weeds killed, to conserve the moisture and to guard against root pruning after the root systems are becoming well developed. Of course, in theory the main reason for cultivating corn is to conserve the moisture and make the physical condition of the soil favorable for the young plants, but most Kansas farmers cultivate largely to kill weeds. Indeed, weeds are so bad on most fields that one will keep the capillary attraction broken all right if he keeps the weeds down.

Harrow After Planting.

Most of the better Kansas farmers agree that it is well to go over the land with a harrow after the corn is planted and before it comes up if a rain has fallen. It is important that the crust should be broken, which will not only conserve the moisture, but it also will tend to make the soil conditions so the plants can develop rapidly. Then when the corn is planted one can start in on that all-important first cultivation.

The first cultivation of corn is by far the most important cultivation it will receive, and it is supremely important that one should take his time and do a good job. And on this cultivation, too, one can go just as deep and close to the plants as he desires, for there is no root system there at that time to be injured. The corn will not be injured unless it is actually plowed out of the ground. While there is more or less dispute among Kansas farmers on this point, perhaps most of the growers agree that a shovel cultivator is the best tool for one to use on top planted corn. Take your time and go very slow, and make an effort to throw just a little dirt to the young plants, as this will cover up the weeds that may be just starting.

On the future cultivations, one should get farther and farther away from the plants. There is not much danger of hurting the roots as a rule on the second cultivation; it is on the later cultivations that one should especially watch them. The shovels also should be raised, and on the last cultivation or two many men put on the eagle-claws, or narrow shovels. The broad shovels on the cultivators are more adapted to the first cultivations.

Have Three Kinds?

There is a good place in Kansas for shovel, disk and surface cultivators, for each is especially adapted to certain conditions, and it will work under these conditions better than the other kinds. It is well on many farms if one can afford to own all three kinds, for there frequently is a place for them. When a young man is just starting out in the farming game, however, and he wishes to buy but one, so he can hold down expenses, he naturally should get the one that is best adapted to all his conditions, and he frequently will find that this is a shovel tool.

Surface cultivators, especially, are becoming increasingly popular with many Kansas corn growers. The main reason for this, perhaps, is that they are so efficient in fighting weeds. A weedy corn field never gives a maximum production, and a knowledge of this fact has done much to increase the demand for the output of the surface cultivator factories.

More interest is being taken in Kansas in recent years in getting the weeds out of the hills. The hoe is being used more as an implement in corn cultivation than it formerly was. When those weeds are in the hill it is very important that one should get them out, for they are certain to reduce the yield in a normal year. Some of this work can be done when the soil is too wet to stir with a cultivator. Much of the credit for the high corn yields of the New England states is due to the fact that much better cultivation is given there than here; the hired men are not so afraid to use a hoe up in the section where the flint corn is used.

And Keep at It.

It is extremely important that the cultivation of corn should be continued until the crop is large enough to shade the land well and until the root systems are well established. This means of course that the cultivation ought to be continued until after the corn is too large to be worked with ordinary single or double row machines. It pays well in an ordinary year in Kansas to get into the field with one horse and a five-toothed cultivator, and stir the soil after the corn is too tall for the larger tools. This is hot work, all right, on both men and horses, but it pays well.

This later stirring will keep the capillary attraction broken, and the moisture will be conserved; and this is at the time, too, when the plants are making large demands for water on the soil. The yield of corn in Kansas depends quite largely on the supply of water in July and August, and there usually is not an especially large rainfall at that time. Therefore, it is important that the spring rainfall should be saved for the corn.

Farm Doings That Are F. D.

If you are not reading Harley Hatch's "Farm Doings" in the Farmers Mail and Breeze you are missing something good. Unlike many departmental editors in farm papers we are of the opinion that Mr. Hatch is a practical farmer. Practical in the way of doing farm work himself. If I am mistaken about his doing actual farm work instead of being of the kind who tell others how to do it, I take off my hat to Mr. Hatch as being a smooth one in creating impressions by his writings. But to get back to his writings. Each week he tells you what he and his neighbors are actually doing on the farm and what he expects to do and why. He calls attention to his mistakes in his work and what he expects to do to correct them in future. He is an adept in assigning a cause for an effect.—From a Gibbon, Okla., newspaper.

Put the fences in repair around all the pig pastures.

Make a Rack for Magazines

Any Boy Can Do It by Following Directions

BY D. A. KRATZER.

A MAGAZINE rack of simple construction is shown in the illustration. It is designed to hold magazines and if used, the table will always be in good order.

Begin work by planing the various pieces to the dimensions and shapes indicated.

The end posts at the bottom are 1½ inches square, at the top, 1½ by 1 inch. The foundation board is 4 inches wide. Each side board is 1½ inches wide; the lowest is set 1 inch above the base, and a 2-inch space is allowed between.

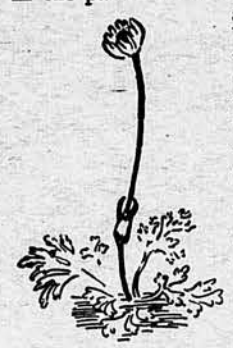
After all pieces have been planed, scraped and sandpapered thoroughly, apply some colored filler or wood dye to harmonize with the table or stand on which the rack is to be placed. After the filler has hardened over night, finish to suit the taste. The various fillers can be purchased and directions for their use are found on the cans. If a dull finish is desired apply two or three coats of floor wax and polish by rubbing as indicated on the can. If a glossy finish is desired, apply two or three coats of varnish, allowing each coat to dry thoroughly before adding the next. When the last coat has hardened apply two coats of floor wax. The above article is simple, yet very useful. It is to be made from some hard wood, preferably, oak, but in case oak is not obtainable, cypress or some other figured soft wood will do.

Side View

End View

This Flower is Not a Daisy

You've been gathering little flowers like this one during the last weeks out in the pastures. Some of them are white and some are purple. Very brave little wild flowers they are too, springing up on the hard sod where violets wouldn't think of trying to grow.



Nearly everywhere in Kansas they are called daisies, but that is not their name at all. No one knows who began calling them daisies. Perhaps some of the settlers who came to Kansas from eastern states where fields of daisies bloom, missed their yellow and white friends and named the blue and white blossoms on the Kansas prairies, daisies.

The flower belongs to the anemone group of wild flowers. It isn't like the frail wind flower that grows in the woods elsewhere, to be sure, but an anemone it is. You wouldn't want to call it by its long scientific name; you'd step on ever so many while trying to remember whether it begins with an X or a T. Why not call it the Kansas Anemone? The word is pronunced in four syllables, with the accent on the second.

A Discreet Daddy.

My daddy's always telling me
About how good he used to be;
He did what he was told to do,
And he was neat and tidy, too;
He learned his lessons every day,
And he would rather work than play;
But when my grandpa's visiting
With us, my daddy, if I'm bad,
Forgets to say a single thing
About his goodness as a lad.

My daddy says he never told
A fib or made his parents scold
Because he did things that were wrong;
He always tried to help along
By being good and kind and sweet
And eating what boys ought to eat;
But when my grandma visits here
My daddy never boasts to me
About how good and sweet and dear
A little boy he used to be.
My daddy always took delight
In doing only what was right
When he was just about my size;
He wanted to be great and wise;
But when my grandpa comes and when
My grandma's here to visit, then
My daddy merely gives a wink
Or smiles, if I've been kind of wild,
And doesn't try to make us think
That he was once an angel child.
—S. E. Kiser, in Harper's Magazine.

A Good Farm Paper "To Read"

I am dropping the Farmer and Stockman for the Farmers Mail and Breeze, because I think it more up-to-date and your editorials more wideawake and instructive.

Luther, Okla. Joseph A. Hanna.

I must say that the Farmers Mail and Breeze is the best paper that I ever read and the cleanest paper that I have ever taken.

Mulvane, Kan. John Muller.

I am renewing my subscription to the Farmers Mail and Breeze, the best farm paper on earth. Russ B. Cline.

R. 4, Coffeyville, Kan.

I feel lost without the good old Farmers Mail and Breeze, the best all around farm paper.

Dodson, Mont. W. G. Haworth.

The School Problem

When once farmers get to know one another in their farmers' clubs and other organizations, when they begin to study their own interests, one of the first things they will consider is whether they are getting their money's worth out of the rural schools, whether the training they receive in the rural schools is in terms of farm life and imbued with the spirit of the farm; whether they really furnish the education which the farmer needs. When they really begin to understand the condition, the school question will solve itself.—Wallace's Farmer.

Simplified Breakfasts

Make for good days

From a package of fresh, crisp

Post Toasties

fill a bowl and add cream or milk.

Then, with some fruit, a cup of **Instant Postum**, and a poached egg or two if you like, you have a simple breakfast that is wholesome and satisfying.

Toasties are bits of corn carefully cooked, delicately seasoned, and toasted to an appetizing "brown" without being touched by hand. They look good, taste good, and

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Pull it right into reverse from high if need be—to brake the car in a tight place.

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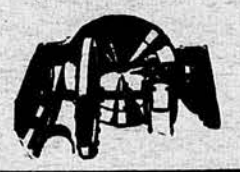

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$1700

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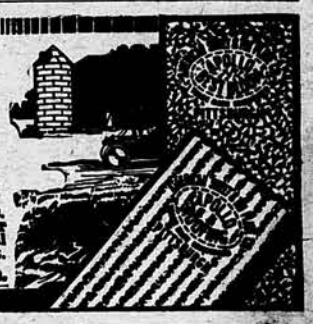

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Kansas' First "Egg Circle"

In Lyon County the "Quality Company" Is Now Doing Business

BY A. G. KITTELL,
The Farmers Mail and Breeze

THE first "egg circle" reported in this state was organized in Lyon county on April 11. This organization has very appropriately been named the "Quality Egg Company." It is in fact a federation of egg circles, one in every neighborhood that wishes it, with headquarters and a central organization at Emporia. Every circle has its own officers—a president, vice-president, and secretary-treasurer.

All Eggs are Carefully Graded and Packed.

The egg circle is one of the latest products of the movement for more effective rural co-operation. Its great advantage lies in solving the marketing problem. Strict rules are laid down as to gathering and caring for the eggs, so strict in fact that one is inclined to be skeptical as to whether they will be observed, remembering the conditions under which eggs are produced and marketed on the average farm.

But in the Quality Egg Company, a breach of the rules is punishable by the loss of the offender's membership, which means that the stamp with which the eggs are marked must be turned in. The rules specify that all eggs must be gathered at least once a day, and twice on very cold or very warm days. They must be kept in a cool, dry place, and marketed at least twice a week. Only strictly fresh eggs are to be sent. Every member agrees to pen up or otherwise dispose of all male birds from June 15 to September 1.

By means of the stamp every egg can be traced back to the farm from which it came, making it a simple thing to place the blame for bad eggs. Every circle in the federation is designated by a letter—A, B, C, D, etc., as far down the alphabet as there are circles. Members in the circles are numbered and every member's stamp bears the circle letter and individual's number. This stamp is placed on the large end of every egg before it is marketed. Thus, an egg stamped "A-22" signifies that it came from Member No. 22 in Circle A. Reference to the secretary's books completes the identification. The stamp costs a member 35 cents and membership dues are 25 cents, which constitutes all the expense there is connected with becoming a member.

New neighborhood circles are being organized from time to time. There is a widespread interest in the movement and what the ultimate size of the organization will be would be difficult to foretell. The number of members in a neighborhood circle is limited only by the facilities for collecting and marketing the eggs. At present members living at convenient distances from each other are taking turn about in delivering the eggs in Emporia.

Headquarters of the organization are maintained at Emporia in a four-room building with barn and hitching sheds in the rear. The building contains an office for the manager, two packing and work rooms, and a rest room for women. The manager in charge is Virgil Hall, a son of A. B. Hall, president of the Lyon County Farmers' Produce association. His salary is provided for by means of a fixed commission allowed on all eggs handled.

All eggs are paid for at the rate of one cent a dozen above the prices paid by Emporia commission houses. At the end of every month accounts are squared and the balance accumulated as profits is pro-rated to each member according to the quantity of eggs he or she has marketed.

All eggs sold by members are graded. Grade No. 1 consists of clean eggs of a uniform color, well packed in neat cases or cartons, and weighing not less than 24 ounces to the dozen. Grade No. 2 includes clean eggs neatly packed, and weighing not less than 21 ounces to the dozen.

Every case of eggs sent out by the company bears the name "Quality Egg Company," conspicuously lettered upon it, and also contains other advertising literature. By this means and by keeping up a high quality of product it is hoped that a widespread reputation for these eggs will be built up. Even now good markets do not seem to be lacking as one Kansas City concern recently applied for 50 cases of eggs a day. The company has also received many requests from hotels, restaurants and packing houses. One of the buyers has been the Harvey eating house system of the Santa Fe railway.

With the exception of the manager, all officers of the company are women. Mrs. J. H. Miller is president, Mrs. Thomas Edwards vice-president, and Mrs. A. B. Wood secretary-treasurer.

When Hens Do the Hatching

In the last 20 years I have had some experiences with sitting hens and have come to this conclusion: When the hen gets broody so that there is no question but that she means business, if other hens are laying where she chooses to sit, prepare a nest for her where she will not be molested by laying hens.

After dark take her from her chosen nest and place her on the eggs in the newly made nest and close the nest so that she cannot get off if she chooses. Leave her there till evening of the following day, then remove the door to the nest and place feed and water in front of her but so far from the nest that she will have to leave it to eat or drink. If she gets off, watch her closely to see that she returns after feeding. If she should not go on the nest after 15 or 20 minutes she should be put back and enclosed as before. If she returns unassisted you may feel sure she has adopted the new location.

This setting should be done in some house or pen in which there are setting hens only and from which they cannot escape. I have learned that all hens will in time adopt the new nest if handled in this way. Failure comes when we try to make the change by daylight and get the hens excited so that they break eggs and refuse to sit. If you are setting hens try this plan in some comfortable shed or cellar leaving feed and water in abundance where the hens will wait upon themselves after they have learned their nests. John P. Ruppenthal.

Russell, Kan.

White Diarrhoea

Dear Reader: I see reports of so many losing their little chicks with bowel troubles, so thought I would tell my experience. I used to lose a great many of my little chicks from this cause, tried a good many remedies and was about discouraged with the chicken business. Two years ago they began to die and I thought I would try Walker's Walko Remedy. I used two 50c packages, raised 300 White Wyandotte chickens and never lost one or had one sick after getting the medicine. Readers can get it by sending 50c (M. O.) to the Walker Remedy Co., L-8, Lamoni, Iowa. I wouldn't try to raise incubator chicks without it.—Mrs. C. M. Bradshaw, Beaconsfield, Iowa.—Advertisement.

A Good Word From Florida

I see so many helpful hints in the Farmers Mail and Breeze and Capper's Weekly it seems to me every paper is better than the one before. And I certainly hope Arthur Capper will be the next governor of Kansas.

Arcadia, Fla. Mrs. S. A. Cresswell.

Depraved Appetite in Cows

I have two cows that are out of condition. They are poor and seemingly would rather eat bones, old rubber and like objects, than hay or roughness. What is the trouble?—J. A. K., Lincoln county, Oklahoma.

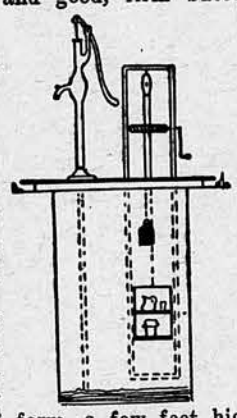
Your cows are affected with the disease known as "pica" or depraved appetite, which is a condition noticed quite frequently in breeding cattle. I would suggest that you use the following remedy: Powdered nux vomica , 2 ounces, phosphate of calcium, 4 ounces and artificial Carlsbad salts, 10 ounces. This should be mixed and the animal should be given a heaping tablespoonful in the feed, morning and evening. You should keep up the treatment for three or four weeks. Dr. F. S. Schoenleber.

Manhattan, Kan.

Firm Butter in Hot Weather

[Prize Suggestion.]

We always have nice, sweet cream and good, firm butter in hot weather by keeping it in a box in the well. For a well with water at a depth of 20 feet, take two pieces of 2 by 4-inch timber, 26 feet long, and spike a 2 by 4-inch piece, 30 inches long to each end. This makes the frame. Put the frame in the well to one side, letting it extend through an opening in the platform, a few feet higher than the curbing. Make a cupboard or box out of light lumber just wide enough to slip easily up and down in the frame, and long enough to hold two or three shelves. Attach a rope to the box and bring it over a well pulley hung to the frame above and then to the windlass. I also have a second pulley (not shown in the drawing) on top of the frame, with a small wire cable running over it. One end is fastened to the box and a heavy iron weight is suspended from the other which hangs down the well. With this device a child can raise the loaded elevator with ease.



Lafontaine, Kan. J. A. McKinney.

Whitewash Fixed the Vermin

[Prize Letter.]

I had tried the whole list of so-called poultry vermin exterminators with the accompanying hard work and unsatisfactory results until a neighbor told me of his remedy and I have tried it with such good success for the last five years that I want to pass it along.

We moved here in the spring of 1912 and found the hen house full of mites. I prepared a lime whitewash the same as for any other use and added enough carbolinium to color it. After a thorough stirring I applied it on the inside of the house on the perches, nests and boxes and did not find another mite that season. Last spring I found a few mites in one place on a perch and applied the same mixture on all of the perches and have not seen a mite since.

Last spring I found that my hens had lice. I prepared a mixture of 4 parts hen's oil, or any oil, 1 part coal oil and 2 parts carbolinium and applied it with a swab wherever I found the lice. That was the last of the lice.

I buy the carbolinium at the drug store for 25 cents a quart. One quart is enough for 4 gallons of whitewash. It is the cheapest and best exterminator I know of. E. E. Hackford.

Louisville, Kan.

One Reader's Experience

Dear Sir: For the benefit of those who lose so many little chicks from white diarrhoea I would suggest the use of Inomal White Diarrhoea Remedy. In all the years that I have raised poultry I never had such good luck with my chicks as I have this year, using this remedy as a preventive. I have 300 lively little fellows, and have not lost a chick from this dreadful disease. Readers may obtain a box by sending a 50-cent money order to the Hammer Remedy Co., L4, Lamoni, Iowa. This company guarantees Inomal to save 90 per cent of every hatch.—Mrs. H. M. Bartimus, Green City, Mo.—Advertisement.

My Ten-Year-Old Boy Turns with Ease the

BEATRICE
Cream Separator

Says Farmer Onswon

I've been up one side and down the other of this cream separator question for 20 years, and I'm for the Beatrice Cream Separator every time.

The Beatrice is the one high-grade separator that is sold at a reasonable price.

We all have some respect for our pocketbooks. None of us farmers want to pay out $100 to $125 when we can get the same thing for $65 to $85.

Well, that's the cream separator situation. The Beatrice sells at $85 for the largest size machine, 1000 lbs. capacity. Other high grade separators sell for $110 and upwards for less capacity.

The Beatrice gives you—

Clean skimming, easy cleaning, easy running, convenience, long life, big capacity. It skims cold milk as well as warm milk.

Compare other machines with the Beatrice; you'll agree with me that you pay more for them than the Beatrice price, but you do not get as good a machine for your money.

Take my advice and investigate the Beatrice. Write to nearest office below for free catalog and name of local dealer near you.

BEATRICE CREAMERY CO.
CHICAGO
Des Moines, Ia., Dubuque, Ia., Lincoln, Neb., Topeka, Kan., Denver, Col., Oklahoma City, Okla., St. Louis, Mo.

15.95 AND UPWARD ON TRIAL.

AMERICAN CREAM SEPARATOR

A SOLID PROPOSITION to send fully guaranteed, a new, well made, easy running, perfect skimming separator for $15.95. Skims warm or cold milk; making heavy or light cream. The bowl is a sanitary marvel, easily cleaned.

Absolutely on Approval.

Gears thoroughly protected. Different from this picture, which illustrates our large capacity machines. Western orders filled from Western points. Whether your dairy is large or small write for our handsome free catalog. Address:

AMERICAN SEPARATOR CO. Box 1092 BAINBRIDGE, N. Y.

Cook's Barred Rocks

My remarkable win at Topeka, Jan., 1911, has never been equalled by any breeder in the West—winning 1st and 3rd ckl., 2nd cock, 3rd pen, 4th and 5th hen and over $100 in cash and silver cups besides numerous specials. They lay eggs too, which I am selling at $1.50 per 15; $4 per 50 and $7 per 100 by express or parcel post prepaid. I guarantee safe delivery.

Chas. J. Cook, Box B, Marysville, Kan.

They Found the Star Boarders

Kansas' First Cow Testing Association Made Some Discoveries

BY O. E. REED, DAIRYMAN,
Kansas Agricultural College

Holstein Blood Predominates in the Herds of the Dickinson County Cow Testing Association

ONE hundred and thirty-four cows in the Dickinson County Cow Testing association now have complete records for 12 months. These 134 cows made an average production of 6,019 pounds of milk and 246 pounds of butter fat. The average Kansas cow produces 100 pounds of butter fat a year.

The average cost of the feed was $35.59 a year for every cow. The value of the butter fat produced was $90.48, leaving a net average profit of $54.89. The calf and the manure are a liberal offset to the labor and risk. All of the cows did not milk 12 months, but the feed record is complete for the year. The best cow, a grade Holstein produced 546 pounds of fat at a cost of $55.91, while the poorest produced only 59 pounds of butter fat at a cost of $33.23.

The best 10 cows made an average profit of $96.43, which is more than six times the average profit made by the poorest 10 cows. With one exception, the best 10 cows were dairy-bred animals, while there was only one of the poorest 10 that showed any trace of dairy blood. Of 41 cows that made more than 300 pounds of butter fat during the year there were only three scrub cows, or cows that did not show dairy blood.

The calf and the manure usually pay for labor, but if the labor of milking were charged up to all the cows the poorest 10 would show a loss, while the 10 best ones would show a nice profit.

A number of cows showing low records of production are really good cows and were retained in the herds. Their records this year were low because they were allowed to remain dry several months. It is generally true that many good cows are allowed to go dry longer than necessary.

Here's Another Advantage.

One of the advantages to be gained from keeping a record of a cow is brought out in the case of the grade Holstein cow that made the best record. She dropped a bull calf early in the year, and it was sold to a neighbor for $5. The cow made an excellent record for the first few months, and the bull calf changed hands at $18. When the yearly record was completed and the cow showed a production of more than 540 pounds of butter fat, the calf again changed hands, at $50—a good price for a grade Holstein bull under a year old.

In November, 1912, the writer and F. H. Scriber, representing the Dairy Division of the United States Department of Agriculture, assisted by a number of local business men at Abilene, Kan., succeeded in organizing the first cow-testing association in Kansas. The Dickinson County Pioneer Cow-Testing association for 1913 started with 22 members, representing or paying for 379 cows. Every man was assessed a dollar a cow a year, payable quarterly. No member paid for less than 12 cows. Some herds contained only 4 to 8 cows, but a minimum charge for 12 was necessary in order to obtain enough funds to fill up the 26 testing days for each month.

The herd books for the association were furnished free of charge by the Dairy Division, United State Department of Agriculture. The testing outfit and acid were furnished by the business men of Abilene and the Belle Springs Creamery company.

The principal advantage of a cow-testing association is in obtaining an exact record for each cow in the herd. A very conservative estimate is that about one-third of the cows in Kansas do not pay for the feed they eat. Cows of this sort are worse than boarders, for they eat up the profit made by the good cows.

Moreover, knowing the record of production of the cows in a herd enables one to feed them more intelligently. It is a common practice to feed all the cows in the herd alike. Under these conditions the poor cow will be fed too much and the good cow will not get enough. The proper way is to feed each cow in proportion to the amount of milk she produces.

A record made by a man regularly employed for the purpose has a greater value than a private record when one wants to sell an animal or the offspring of one of the animals in the herd.

If desirable the members will be able to co-operate along other lines, such as buying feed in carload lots.

An organization of this kind frequently leads to community breeding, which means that a part or all of the members decide to handle only one breed of cattle. They can co-operate in buying or selling breeding stock, trade herd sires, and thereby reduce the cost of keeping up a herd. Continuous breeding of a definite breed in a community soon establishes a center for the breed.

The people are beginning to see the difference between party and partisan loyalty. Voting for a thug, or for an incompetent, is party treason, not loyalty, for it helps fasten the obloquy on his party, so that his vote has been an injury instead of a benefit. Decent citizenship stands higher than partisan subserviency. You do not lose fealty by honest, conscientious action.

Small Cow With a Big Record

The world's butter fat record for Jersey heifers under two years old has been broken by "Lucky Farce", a heifer belonging to the International Correspondence School's demonstration farm at Dalton, Pa. The test began when the heifer was only 1 year and 11 months old. It was supervised by the Pennsylvania State college. Her year's production was 634.45 pounds of butter fat from 14,260 pounds of milk. Estimated on a basis of 85 per cent fat this would have been equivalent to a fraction more than 745 pounds of butter. Her average per cent of fat in the milk was 4.512 for the year.

Not Yet Three Years Old.

DE LAVAL

as superior to other separators as other separators are to gravity creaming

THE above heading sums up the cream separator case, as it concerns every prospective buyer of a separator and every user of an inferior separator, in as few words as it could well be put.

OTHER separators skim cleaner than is possible on the average with gravity creaming, and De Laval Cream Separators skim as much closer still than other separators, particularly under the harder conditions of cool milk, running heavy cream or separating the milk of stripper cows.

OTHER separators produce a cream superior to gravity creaming, and De Laval cream is smoother, less frothy and so much better than the cream of other separators that De Laval made butter always scores highest in every important contest.

OTHER separators save time and labor over gravity setting or creaming of milk, and De Laval Separators by reason of their easier turning, greater capacity, easier cleaning and easier handling save a great deal of time and labor over other separators.

OTHER separators save their cost every year, as a rule, over gravity creaming, and De Laval Separators save their cost every year over other separators and last from ten to twenty years, or on an average five times as long as other separators.

DE LAVAL Separators cost a little more than other separators, but very little, and they soon save that small difference and go on saving it every few months for all the years they last.

WHY STOP HALF WAY IN BUYING A CREAM SEPARATOR?

WHY then but half solve the problem of best results and greatest economy in dairying by the purchase of an inferior separator or go on dairying with this important problem but half solved if you are already using an inferior separator that you might so easily replace with a De Laval?

WHY not solve it now in the only sure and safe way possible? If you haven't a separator, buy a De Laval. If you have a poor separator, replace it with a De Laval. If it is not convenient to pay cash you may buy a De Laval on such liberal terms that it will actually save and pay for itself.

Every De Laval Local agent is glad of the opportunity to prove every claim here made. It will cost you nothing and may save you much to give him the opportunity. If you don't know the nearest De Laval agent simply address the nearest main office, as below.

The De Laval Separator Co.

165 BROADWAY, NEW YORK 29 E. MADISON ST., CHICAGO

50,000 Branches and Local Agencies the World Over.

Stannard's Processed Crude Oil Kills Lice and Cures Mange.

One application of my Processed Crude Oil will do more to rid your stock of lice and cure them of mange than three applications of any other preparation on the market, for the reason that it kills the nits as well as the lice, and remains on your stock for so long that it thoroughly cures them of mange. Put up only in 52 gallon barrels, and sold for $5.00 per barrel. Why pay $1.00 per gallon for a dip when you can get the best for less than 10c per gallon? My PURE CRUDE OIL is an excellent lubricant for all kinds of farm machinery and for painting farm tools to keep rust off. $4.00 per barrel of fifty-two gallons. See my advertisement of refined oils at wholesale prices in next week's issue. Send cash with order. Address **C. A. Stannard, Box M, Emporia, Kan**

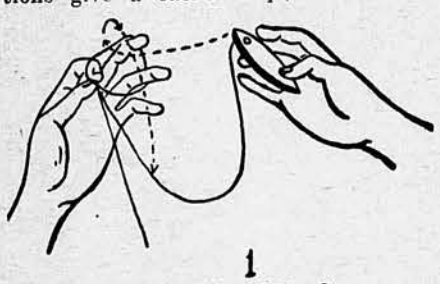
Just How to Make Tatting

It's Not Difficult After You "Get the Knack" of It

BY MRS. GLENN C. FITCH

ALTHOUGH it is very easy to show a woman how to do tatting it is not so easy to describe it on paper. It requires quite a little patience to get the "knack," but the lace is so pretty when finished one feels repaid for her trouble. Fill your shuttle with thread—coarse thread to begin with—and unwind twelve or fourteen inches. Take the end of thread between thumb and forefinger of left hand, pass thread over second and third fingers, holding them apart—some workers pass it also around the fourth—then under them and back between thumb and forefinger, forming the loop called the "hand thread."

Fig. 1 shows the left hand with the hand thread in position. The illustrations give a rather imperfect idea of

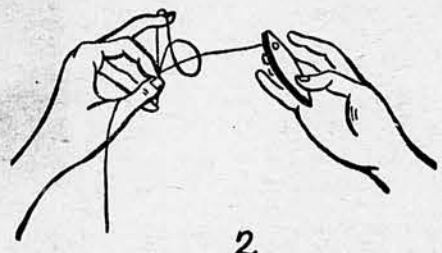


1

First Position of Hands.

the position of the right hand. The shuttle is held firmly between the thumb and first finger, and never leaves that position. The thread attached to the shuttle we will for convenience call the shuttle thread. Before beginning work put the fourth finger of the right hand under the shuttle thread and draw it up until the thread is held straight.

A stitch of tatting is in two parts. The position of hands just given is for the first half of the stitch. Begin by pushing the shuttle up between the first and second fingers of the left hand, putting it under both the shuttle thread and the loop of the hand thread and bring it back through the loop and under the shuttle thread. As the shuttle passes the loop of the hand thread hold it loosely enough that the thread of the loop may pass between the shuttle and finger, or the shuttle and thumb, as the case may be. Never let the



2

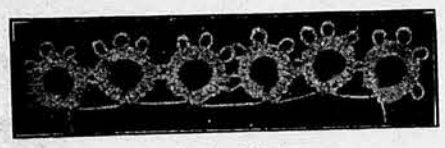
The First Half of a Double Knot Ready to Be Drawn Tight.

shuttle leave the right hand. It is this economy of motion that makes rapid work possible.

When this is done draw the shuttle thread tight, at the same time slightly loosening the hand thread by letting the fingers of the left hand come together. This should throw the knot upon the hand thread with loop toward the worker, leaving the shuttle thread straight, as it must always be.

After one by patient practice has become used to the manipulation of the shuttle the knots find their proper places without thought, but at first care must be taken to throw the knot upon the hand thread.

Every tatting stitch is in two parts. After you have made the first half of the double knot, as just described, draw



A Simple Edging.

it up between thumb and forefinger to hold it, then proceed to make the last half.

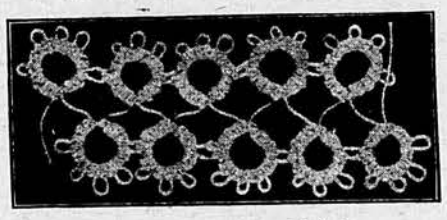
Catch the shuttle thread down with the little finger of the right hand, holding it under the finger. Carry the shuttle over the hand thread; bring back through the loop and over the shuttle thread and draw up as before, tightening the shuttle thread and loosening the hand thread in order to throw the knot upon the latter, to be drawn up to the single or half-knot already made. This completes the double knot.

Picots are introduced into tatting to connect different parts of the pattern, also to give a "lacey" look. They are formed by leaving a space of thread of from one-eighth to one-half inch between two double knots, but drawing the knots closely together as before. In tatting all knots are counted. The knot that follows the space and serves to form the picot is counted.

To form the ring, or to "close," simply draw up the thread, forming the knots in a closed loop. To do this the hand thread is slipped off the hand and the shuttle thread drawn up. If a knot has been made on the wrong thread you cannot draw it up. It is in the proper making of the knots that the whole secret lies. To join by picots draw the hand thread through the picot you wish to join to, using a pin or better, a crochet hook, until the shuttle can be slipped through the loop, then draw the hand thread tight, and proceed.

For closed rings only one thread is necessary, but a second thread is needed for chains. Place the thread from the spool around fingers and make the knots on this thread with the shuttle.

To make the simple edging illustrated here make 4 double knots, picot, 3 double knots, picot, 2 knots, (it is always understood that the knot is double), picot, 2 knots, picot, 3 knots, picot, 4 knots, close.



Good Insertion for Towels.

Leave enough thread before beginning the next ring so they will not lap. Begin the next ring by making 4 knots, join to last picot of ring just made, and proceed as before.

For the insertion make a ring as described above. Leave a space of ¼ inch thread, then turn the work and make a second ring. Turn the work again and make a third ring, joining the third ring to the first, the fourth to the second, and so on. D. M. C. cotton No. 15 is a good thread to use for towels.

Farmers May Have Strawberries

Who said farmers shouldn't have strawberries? Not the town man, surely; he enjoys berries himself, and when they are in season they are as cheap as any other kind of fruit, so he buys them, and he is perfectly willing for everyone to enjoy them with him. It would seem as if every farm ought to have at least a small patch of this delicious fruit. They require some care, but not more than other fruits. The farmer who will take the trouble to find out the kind of care the strawberry needs will be well repaid for his trouble. The following recipes, which are well worth clipping and filing away, have been sent in by readers of the Mail and Breeze:

Strawberry Whip.

Beat the white of an egg to a stiff froth and add slowly 1 cup of sugar. Mash a pint of berries, add a spoonful of the beaten egg white and beat well. Add another spoonful of berries, and so on until all are beaten.—Helen A. Synan, Pittsfield, Mass.

Strawberry Sauce.

One cup of sugar and ½ cup of butter creamed together and warmed to moisten, white of 1 egg beaten stiff and 1 quart of strawberries thoroughly crushed. Mix all together. This is fine to serve with cake or pudding.—Vyra M. Brooke, Kingsville, Mo.

Cold Canned Berries.

Select fresh berries, wash them and lay on a paper to dry, so there will be no water about them. Stem them and chop with a chopping knife until the hearts of all the berries are exposed. To 1 cup of chopped fruit allow 2 cups of sugar and let stand 24 hours until the sugar is all dissolved, then seal air tight. No cooking required. This is delicious served with whipped cream.—Mrs. M. H. Steele, Iuka, Kan.

Strawberries in Snow.

Soak a half package of gelatine in a cup of cold water and add 1 cup of sugar. When soft add 1 cup of boiling water and the juice of 2 lemons, and hold at boiling point for a few minutes. Then remove from the fire and add the whites of 3 eggs well beaten. Beat all together until light and foamy. Just before it sets add a pint of strawberries and pour into a mold that has been dipped in cold water. Serve with whipped cream.—Vyra M. Brooke, R. 24, Kingsville, Mo.

Strawberry Custard.

Line a glass dish with fresh strawberries and fill the center with a custard made as follows: Scald 1 pint of sweet milk and pour it over 2 egg yolks that have been beaten with ½ cup of sugar. Cook in a double boiler till thickened. When cool flavor with vanilla and pour into the center of the dish of strawberries. Whip the whites of the eggs to a stiff froth, add 2 tablespoons sugar and heap over the top of the custard, then dot the whole with berries.—Helen A. Synan, Pittsfield, Mass.

Canned Strawberries.

Stem sound, solid berries, put in quart jars, add half as much sugar as you have berries and place jars in a dishpan of cold water to come to top of jars. There should be cloth, straw or slats under the jars so they will not sit on the bottom of the pan, and the rubbers and covers should be on the cans, fitted loosely. Be very sure the tops are not screwed down tight. Let come to a boil and boil slowly for one hour, then set off the stove and seal while hot. These cannot be excelled. When opened they are firm like fresh berries.—Mrs. M. Ellis, Memphis, Tenn.

She Didn't Sign Her Letter

A reader of the Farmers Mail and Breeze writes to ask what kind of canner is best and how to can with a canner. It is unfortunate that this reader forgot to give either her name or her address. Names of business firms are not published, outside of the advertising columns. Had the writer enclosed a stamped and addressed envelope for reply the editors of this paper would have done their best to give her the information she wished. The United States Department of Agriculture advises a steam-pressure canner, of which there are several makes, if vegetables are to be canned. Full directions for use go with every outfit. Considerable information on canning is given in Bulletin 521, issued by the United States Department of Agriculture, Washington, D. C., and free for the asking.

The Kansas Experiment

Down in Kansas, says the Detroit, Mich., Free Press, certain thoughtful persons believe they have found a potent weapon wherewith to combat the divorce evil. They believe that young women interested in home-making arts are far less likely to land in the divorce courts than girls who marry before they learn how to boil water without scorching it. Of 427 girls thus taught in the Kansas Agricultural college only four have been divorced. So it is proposed to give extension courses in domestic science in Kansas with intent to instruct as many women as can be induced to take up the studies. That poor cookery and reckless housekeeping are prolific causes of family unpleasantness no one will deny. Perhaps the Kansas idea may help in eliminating some of this discord. And perhaps it may arouse some mothers to resumption of the old housekeeping custom of teaching their daughters the things they ought to know. In any event—however we may view it—it is an interesting experiment, and, as Kansas likes experiments, it is just as well to have it tried there. Perhaps it may add to the fame of Kansas in some way.

A good bath, a bit of music, boys and girls at home, some roses in the garden, robins on the lawn, good books—that's some riches.

THE DEPARTMENT MANAGERS' SALE

Now in progress at the Big Store is unique in that the merchandise offered is all new, fresh, desirable, and given at lower prices for better qualities than you will find almost anywhere, at this season.

This sale will continue the remainder of this month, so that everyone will have a chance to come for supplies of summer merchandise.

We refund railroad fare according to the amount of purchase.

THE MILLS DRY GOODS CO.
TOPEKA, KANSAS

The Famous Waverly
PORCH SWING
Made of Selected Oak Nicely Finished
in the following sizes, F. O. B. Waverly; 4 ft., $4.80; 5 ft., $6.25; 6 ft., $7.50.

These swings are made in our own big factory, and the prices quoted above are the lowest at which this quality of Swing can be purchased. Send your order today, direct to factory, giving us the name of some reliable hardware or furniture dealer in your nearest town. Write today. Satisfaction guaranteed.

WAVERLY MFG CO., Waverly, Mo.

SELLING EGGS BY CO-OPERATION

Eggs from select purebred stock: B. Rocks; W. Rocks; B. Orpingtons; W. Orpingtons; S. C. W. Leghorns; S. C. Brown Leghorns; W. Wyandottes; S. L. Wyandottes; Light Brahmas; and R. C. R. I. Reds; Black Langshans. Eggs fresh, fertile from farms where only one breed is kept. Sent prepaid by parcel post to any address in U. S., 15 eggs for $1, or 100 for $6. Your check with exchange accepted.

NORFOLK BREEDERS' COOPERATIVE ASSN., NORFOLK, NEBRASKA.

We Pay Highest Prices For
WOOL and HIDES

Send us all your Wool, Hides, Pelts, Ginseng and Golden Seal. We pay highest cash prices, charge no commission and send your money immediately. Our facilities the best in America. Liberal grading and a fair deal guaranteed on every shipment. Write today for free price list and shipping tags.

National Fur & Wool Company
Dept. 397 St. Louis, Mo.

DAISY FLY KILLER

placed anywhere, attracts and kills all flies. Neat, clean, ornamental, convenient, cheap. Lasts all season. Made of metal, can't spill or tip over; will not soil or injure anything. Guaranteed effective. Sold by dealers, or six sent prepaid, for $1.00.

HAROLD SOMERS, 150 DeKalb Ave., Brooklyn, N. Y.

100 NOTE HEADS
100 ENVELOPES
100 CARDS
$2.00

Three hundred pieces, each containing your name, address and business, printed and delivered (prepaid) for $2.00. Write copy plainly and remit with order.

THE MAIL PRINTING HOUSE
DEPT. B TOPEKA, KANSAS

BROWN FENCE

Direct from factory freight prepaid. Over 150 styles for every purpose, all Double galvanized. 13c per rod up. New Bargain Catalog and Sample to test ALL FREE. Mail postal NOW, to THE BROWN FENCE & WIRE CO. Dept. 13, Cleveland, Ohio

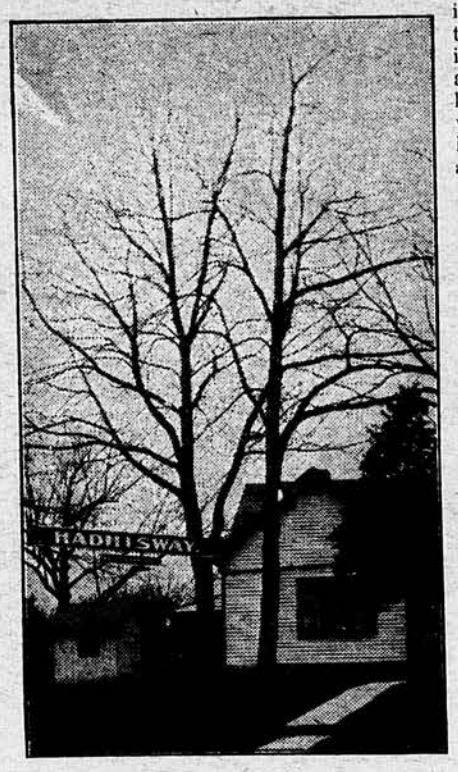
Gold Wedding Ring Free

Send just 25c to pay for a one-year new, renewal or extension subscription to our big home and story magazine—enclose 5c extra for mailing, 30c in all—and we will send you by return mail this very fine 14K gold filled heavy band ring. Address Household, 12 Capital Bldg., Topeka, Kan.

Fish Bite Like hungry wolves any time of the year if you use Magic-Fish-Lure. Best fish bait ever discovered. Keeps you busy pulling them out. Write to-day and get a box to help introduce it. Agents wanted. J. F. Gregory, Dept. 31 St. Louis, Mo

Terre Haute VETERINARY COLLEGE
U.S. ACCREDITED SCHOOL
SEND FOR ILLUSTRATED CATALOG TERRE HAUTE, IN.

Do You Believe in Signs?



"Hadhisway."

See the sign, children.

It is a sure-enough, really-and-truly sign in front of an ever-so-nice farm house not far from the classic city of Atchison.

Funny, isn't it?

Gale Trimble, the owner of the aforesaid farm doesn't think so. He thinks it's all right. So does Mrs. Gale Trimble.

How did it happen?

Once upon a time the Trimbles lived in town. Mrs. Trimble was perfectly contented, but Gale just simply had to move to the country.

Queer, isn't it, children, how persons differ? You'll think so as you grow older and begin to vote.

Well, there they are in the country and Mrs. Trimble—of course she's contented. Who wouldnt' be, in these days when everything is so high?

The sign says "Hadhisway," but the truth is that Mrs. Trimble just gave in, like a generous soul, her only stipulation being that the country place should be called "Hadhisway."

And that's why the sign is there to this day. John Brown of Atchison—not Osawatomie—took a photograph of it last week.

Do you believe in signs?

Dollar's Worth in Every Issue

I was glad to read of W. G. Merrit's experience with dry lot feeding, in the Farmers Mail and Breeze of May 2. This is a proposition a good many of us are up against. I believe his system is all right. He speaks of insuring his hogs and cattle. I should like to ask how they are insured and what is the rate. I think the Farmers Mail and Breeze is the best paper of its kind I ever read. Anyone, I believe, will find at least one article in each issue worth the price of subscription and often several.

R. 3, Blackwell, Okla. W. A. Smith.

Advanced Registry Rules

In a recent Mail and Breeze you had an article stating that records of a number of Holstein cows had been accepted for entry in the Holstein-Friesian advanced register. What are the requirements for entry in this association? What do the letters "A. R. O." signify and what is the address of the Holstein-Friesian association? — Subscriber, Wellsville, Kan.

The letters "A. R. O." stand for "advanced register official". This is simply the advanced register in which are recorded the official records of Holstein cows, under the supervision of the Holstein-Friesian association which has its headquarters at Delavan, Wis. The requirements for advanced registry are as follows:

If a cow calves at 2 years old or under she must produce 7.2 pounds of butter fat in seven consecutive days. If she calves at 3 years of age she must give 8.8 pounds of fat in seven consecutive days. Calving at 4 years old she must produce 10.4 pounds of fat in seven days, and at 5 years 12 pounds of fat. From 5 years on there is no increase in the requirements. To be official all tests must be conducted under the State Agricultural college or State Experiment station of the state in which the cow to be tested happens to be kept.

An Old Bridge To Go

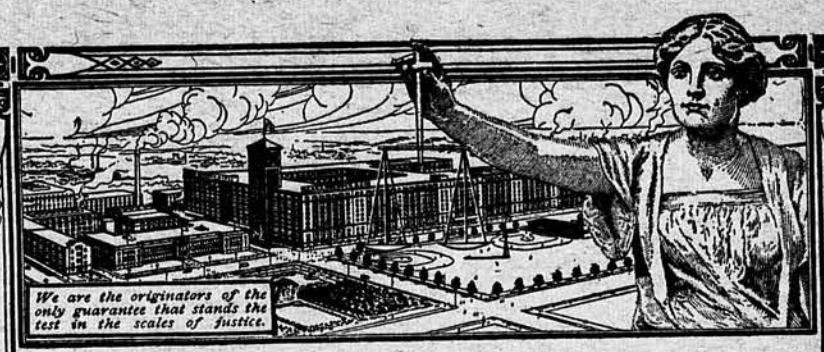
BY J. H. BROWN,
Atchison, Kan.

No bridge in Atchison county is used so much as the bridge across Deer Creek, three miles north of Atchison. It is not the same bridge that was in use seventy-five years ago, but it crosses the same part of the creek. Farmers living along the Missouri river, and for two miles back from the river always cross here in coming to town and the travelers to Doniphan, Geary, Brenner, Troy and as far as Wathena, use it also.

Some of the farmers that are crossing it now are sons of the men whose fathers crossed here more than a half century ago.

This old bridge will soon be a thing of the past. A modern concrete structure is being erected on the county line. This crossing is on private property. The farmers, however, will be glad when the new bridge is in for a long and steep hill is encountered south of the bridge toward Atchison and often in muddy times it requires two teams, even with an empty wagon. The new road will have an easy grade.

The Old Bridge Across Deer Creek, Near Atchison, Soon to Give Place to Concrete.



ECONOMY King Cream Separator

THE new Economy King Cream Separator is its own best salesman. Let us send you one on ten weeks' trial. Test it with old milk, cold milk and milk from stripper cows as well as on fresh warm milk. Try the Economy King alongside of any other separator, regardless of name, make or price—compare them for closeness of skimming, ease of running, quick and thorough cleaning and in other essential requirements.

Our sanitary loose disc bowl has no slots, crooked tubes or inaccessible corners. The supply tanks are seamless and of our improved no-splash pattern. Every part of the bowl and supply tank and the covers coming into contact with milk are highly polished and tinned and retinned with the best pure block tin.

An ingeniously designed dirt collecting chamber in the bowl cleans and purifies the milk.

These and many other advantages of Economy Cream Separators are fully explained on pages 1225 to 1237 of our new big General Catalog. If you would like additional facts, we have—

If the Economy King isn't superior to others—if a ten weeks' test don't prove it to be satisfactory in every way, send it back; we will return your money, together with transportation charges you paid.

Prices: 250-lb. capacity, $28.95; 375-lb. capacity, $36.75; 600-lb. capacity, $44.90; 800-lb. capacity, $49.80.

A New Book for Farmers

It not only illustrates and describes our complete line of Economy King Cream Separators, but combines under one cover, complete descriptions and accurate illustrations of our entire line of Plows, Harrows, Cultivators, Spreaders and other farm implements, as well as Buggies, Harness, Gasoline Engines, Farm Tools and many other farm supplies, all sold at worth while prices.

If you would like to have this Separator Catalog, which also combines all these other lines, just write "Send me your Cream Separator Book 65M72" and address

Sears, Roebuck and Co., Chicago

Big Tonnage! Big Profits!

SANDWICH SOLID STEEL HAY PRESSES

No delays, sure, certain operation. These are yours with the fast working Sandwich Motor Press. Many owners make enough clear cash to pay for their outfits the first year—$200 to $300 clean profit each month. One Sandwich owner writes he baled "32 tons in 8 hours with a 3-man crew." Another how he averaged $18 to $22 per day after paying all expenses. These men can do this because they have the right press. 20 years experience built into it and special patented features found only on the Sandwich press—these are the reasons Sandwich owners make more money than others. The Sandwich way, the sure way.

SANDWICH Money Maker MOTOR PRESS has a hopper cooled gas engine mounted on same truck, 4, 6, 8 or 10 h. p., of more power than rated. Geared magneto. Full engine power delivered to Press by heavy steel roller chain. No power lost, no belts to slip or to delay. Simple self-feeder and the big feed opening just swallows the hay. Friction clutch right on press.

Free Book! The Way to Win.

Send a postal today for our free catalogue "Tons Tell." It gives you reliable figures of the cost and profits of the hay baling; shows all the Sandwich Hay Presses, both motor, belt and horse power. Also ask for our special terms so you can buy your press from the profits made the first year. Write Quick. Address Sandwich Mfg. Co. 107 Oak Street, Sandwich, Ill. Box 107, Council Bluffs, Ia. Box 107 Kansas City, Mo.

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., 7½ inch, 5¾ inch lasts; shoe hammer; shoe knife; peg awl; sewing awl; stabbing 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.

OUR OFFER: This cobbler's outfit may be had free all mailing charges prepaid by sending a one-year subscription to Mail and Breeze at $1.00 and 25 cents to help pay packing and mailing charges—$1.25 in all. Either new or renewal subscriptions will be accepted. Send in your subscription and remittance at once to

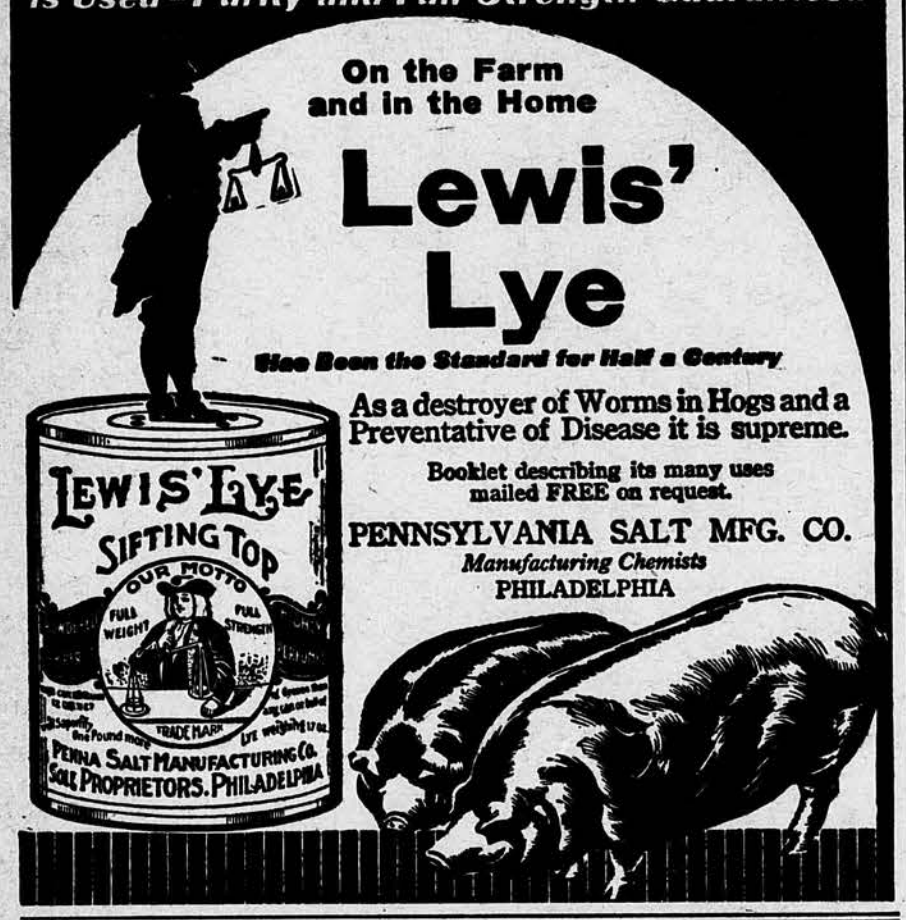
FARMERS MAIL AND BREEZE
Dept. C. O. 10. Topeka, Kansas.

Best for all General Purposes for which Lye is Used—Purity and Full Strength Guaranteed

On the Farm and in the Home

Lewis' Lye

Has Been the Standard for Half a Century



As a destroyer of Worms in Hogs and a Preventative of Disease it is supreme.

Booklet describing its many uses mailed FREE on request.

PENNSYLVANIA SALT MFG. CO.
Manufacturing Chemists
PHILADELPHIA

6 Beautiful Narcissus Silver Tablespoons FREE

To Match Our Teaspoons

Extra Special 20-Day Offer

To Mail and Breeze Readers!

Here is a chance for every housewife who reads the Mail and Breeze to secure absolutely free a set of 6 of our famous **Narcissus Silver Plated Table Spoons.** During the past 5 years we have given away thousands of sets of these beautiful table spoons, but never before have we been in a position to make such an attractive offer as we are now making to the women folks who read the Mail and Breeze.

Owing to our large purchases we have secured a price on these spoons which we believe is about one-fourth the price any local dealer would ask for the same grade of goods.

We have searched through the silver plate markets of the world and have never been able to find, at anything near the same cost, goods of such remarkable wearing qualities and of such beautiful design as this justly famous **Narcissus** set.

Full Standard Length and Weight

These are not small sized dessert spoons which are usually offered as premiums. These spoons are all full standard **table spoon** size, 8¼ inches long—handle 5¾ inches long, bowl 3 inches long and 1¾ inches wide. They are silver plated and handsomely engraved and embossed in the beautiful **Narcissus** design, same as the Narcissus teaspoons which we have been giving away for more than two years. Bowl is highly polished and the handle finished in the popular French gray style. The Narcissus design extends the full length of the handle on both sides.

The gray finish of the handle contrasts with the bright polished bowl and produces an effect that is decidedly pleasing.

We could send you hundreds of enthusiastic letters from those of our readers who have received these spoons on other offers we have made in the past. We know they will please you, too—and if they don't you can send them back within 5 days and we will cheerfully refund every penny of your money.

Here Is Our Offer:

For the next 20 days, or as long as our supply lasts, **we will give one set of 6 Narcissus Table Spoons free and postpaid to all** who fill out the coupon printed below and send $2 to pay for a three-year new, renewal or extension subscription to Farmers Mail and Breeze.

We will send one set free and postpaid for three one-year subscriptions to the Mail and Breeze at our regular rate of $1 per year. One of these subscriptions may be your own renewal, but the other two must be new subscriptions.

If you want to be sure of securing one of these beautiful sets before our offer is withdrawn clip out the coupon and send it in today. Address

FARMERS MAIL AND BREEZE,
TOPEKA, KANSAS.

Use This Coupon Now!

Publisher Mail and Breeze, Topeka, Kansas.

I am enclosing herewith $2 to pay in advance for a three-year subscription to Farmers Mail and Breeze. You are to send me as a free premium, postpaid, one set of 6 full size Narcissus Silver Plated Table Spoons.

This is a (new) (renewal) (extension) subscription.

Name.....

Address.....

(If you send 3 one-year subscriptions use a separate sheet of paper for the 3 names.)

What's getting rid of the saloon faster than anything else is the way the big industries are getting rid of the men who booze.

The country that sells raw materials will always be poor, just as the farmer who sells corn and not hogs will never lift the mortgage.

Good Books for Farmers

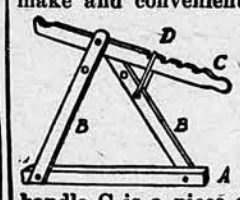
The Illinois Farmers' institute has a committee to examine farm literature and make recommendations. This is done because so many books are of a doubtful or indifferent value, says the Banker-Farmer. The list is selected with special attention to Illinois but it readily adapts itself generally. The list is as follows:

Adventures in Contentment—David Grayson.
Bacteria in Relation to Country Life—Lipman.
Beginnings in Animal Husbandry—Plumb.
Beef Production—Mumford.
Co-operation in Agriculture—Powell.
Economics of Forestry—Fernow.
Farm Management—Warren.
Farm Manures—Thorne.
Feeds and Feeding—Henry.
Farm Structures—Ekblaw.
Home and School Gardens—Meier.
New Lives for Old—Carleton.
One Way Out—Carleton.
Our Insect Friends and Enemies—Smith.
Principles of Rural Economics—Carver.
Soil Fertility and Permanent Agriculture—Hopkins.
Soil Book—F. I. Mann.
The Challenge of Our Country—Fiske.
The Granger Movement—Buck.
The Story of the Soil—Hopkins.
Types and Breeds of Farm Animals—Plumb.

Here's a Handy Wagon Jack

[Prize Suggestion.]

This sketch shows the plan of our wagon jack which we have used on this place for several years. It is easy to make and convenient to use. The bottom piece A is a 2 by 4, 18 inches long. The standards BB are 1 by 4s, 2 feet long, and are bolted to A at the base on opposite sides. The handle C is a piece of 1 by 4 hardwood, 3 feet long. Several notches are cut in the upper side to engage the loop D. The standards and handle are bolted together loosely. Extra holes in the standards provide adjustment for axles of different heights. The dimensions of this jack are for light wagons and buggies. For heavy wagons a stronger jack will be needed.



Pierce, Neb. Charles Lederer, Sr.

To Protect Spanish Peanuts

What formula should one use to protect Spanish peanuts from moles and mice?
Caldwell, Kan. A. C. REED.

This is a method used by many growers: For two bushels of peanuts in the pod take a 5-cent bar of laundry soap, shave it fine with a butcher knife. This is dissolved in one gallon of boiling water, and is thoroughly stirred for ten minutes with a paddle. As soon as this is dissolved, kerosene should be added, and the mixture should be thoroughly stirred for ten minutes more. The mixture then should be placed in a barrel, and enough cold water added to soak two bushels of peas in the pod. The peanuts should be soaked in this mixture for from 36 to 48 hours, after which they are planted, care being taken to drop the seeds into moist soil.—F. B. N.

Small Towns Need Rest Rooms

The average small town in Kansas would not amount to much without the trade of the farmers. Their money is what has built most of the smaller places, and therefore it is right that their interests should receive attention—they ought to get a great deal more attention than they usually do. Farmers should demand an intelligent appreciation of their rights.

One of the better ways in which the small town can help farmers is to provide a rest room. The merchants would find that a room of this kind would be appreciated, and there would be enough increased trade come to the town to pay for it. In telling of the advantages of a rest room to farmers, Katherine Williamson in a recent speech said:

This room should be a restful place with a comfortable couch, chairs, tables, books and magazines and a place in which to deposit wraps and packages.

It should contain a well-kept lavatory and its accessories, and there should be someone employed to care for the rooms.

While resting and tidying up from the effects of the long drive, many ideas would be exchanged and there might be a tiny club room in connection where small groups could meet one day in the month.

Notices of meetings could be posted here and any matters of interest to all the dwellers of town and farm would find outlet in this way.

Merchants in cities spend thousands of dollars in caring for the physical comfort of their patrons, and the lack of any plan or scheme for the comfort of their women customers by merchants and people generally in village and town seems most unjust.

Another fine way in which country towns can aid farmers is in providing hitch racks. These do not have to be on the main street if there is an objection to this, but they should be on the nearby side streets, and there should be plenty of hitching room available.

Reading, writing and arithmetic are the edged tools with which in a lifetime of experience we get an education while gaining a living. They should be the "big 3" studies in every school course.

Form Breeders' Association

The Harvey county farm bureau has organized a breeders' association to promote the interest of better breeding and introduction of more livestock in the county. F. P. Lane, county agent, is active in promoting the livestock industry in that section.

More Horses Than Hogs

There are more horses than hogs in Powhattan township in Brown county, according to the assessor. His returns also show that there are as many acres planted to wheat as were planted to corn last year.

Ideal, But Expensive

A Brick Roadway in the Country.

Atchison county has two miles of brick paved, cement curbed road leading to the State Orphan's Home. A cement sidewalk is on one side and a row of hard maple trees on each side. The road turns to the right at the top of the hill and goes to the Home.

FARMERS CLASSIFIED PAGES

Advertisements will be inserted in this department for 5 cents a word each insertion for one, two or three insertions. Four or more insertions 4½ cents a word each insertion. Remittances should preferably be by postoffice money order. All advertisements are set in uniform style. No display type or illustrations admitted under any circumstances. Each number or initial counts as one word. Guaranteed circulation over 104,000 copies weekly. The rate is very low for the large circulation offered. Farmers Mail and Breeze is th greatest classified advertising medium in the farm paper field. It carries the most classified advertising because it gives the best results. Here is a splendid opportunity for selling poultry, livestock, land, seeds and nursery goods, for renting a farm, for securing help or a situation, etc., etc. Write for proof that it pays. Everybody reads these little ads. Try a classified for results.

POULTRY

PLYMOUTH ROCKS.

BUFF ROCK EGGS $1.00 PER 15. EFFIE Huxtable, Frankfort, Kan.

RINGLET BARRED ROCK EGGS. CIRcular free. M. L. Stamper, Clifton Hill, Mo.

BARRED ROCK EGGS 3C EACH. 10 YEARS' careful breeding. Wm. Spealman, Marysville, Kan.

SUPERIOR "RINGLET" CHICKS, FIFteen cents. Eggs. Mabel Hall, Junction City, Kan.

BRED TO LAY BARRED ROCKS. EGGS $1.50 and $2.00 per 15. Fred Warren, Todd, Okla.

PURE BARRED ROCKS, FARM RAISED, $1.00 15, $4.00 100. Mrs. Wm. Sluyter, Jewell, Kan.

BUFF ROCK EGGS FROM CHOICE STOCK. No culls. 30 eggs $1.50. Mrs. E. C. Hicks, Columbus, Kan.

BUFF ROCK EGGS $3.75 PER 100. RATES on larger numbers. Mrs. M. E. Stevens, Humboldt, Kan.

WHITE ROCKS—SCORE TO 94. EGGS, 100 $4.00. Chicks 15c. Mrs. J. W. Hornbeek, Winfield, Kan.

WHITE ROCKS. FARM RANGE EGGS 15 75 cents, 100 $3.00. H. F. Richter, R. 3, Hillsboro, Kan.

BIG TYPE BARRED ROCK EGGS. FROM ten pound hens, and twelve pound cocks. A. H. Duff, Larned, Kan.

BARRED ROCK EGGS. THOMPSON Bradley strains, 75c per setting, $4.00 100. M. Burton, Haddam, Kan.

BUFF ROCK EGGS FROM PRIZE WINners, $1.50, $2.00 per 15, $6.00 per 100. E. L. Stephens, Garden City, Kan.

EGGS FROM PURE-BRED BUFF ROCKS. Hens laid all winter. $3.50 per hundred. Mrs. A. F. Sieglinger, Peabody, Kan.

BARRED ROCK EGGS, RED EYES, YELlow legs and beaks. Write for prices. Mrs. H. F. Schmidt, Humboldt, Kan.

BIG BARRED ROCKS, GOOD LAYERS. Eggs 16 $1.00. 100 $4.00. Can handle large orders. Chas. Cornelius, Blackwell, Okla.

THOROUGHBRED S. C. BUFF ORPINGton eggs $1.00 for 15, $6.00 per hundred delivered. J. A. Blunn, St. A, Wichita, Kan.

PRIZE WINNING BARRED ROCKS. PEN and range eggs. Baby chicks. Mating list free. Mrs. C. N. Bailey, Lyndon, Kan.

PURE BUFF ROCKS EXCLUSIVELY FOR twelve years. Eggs $2.00 per fifty, $3.75 per hundred. Mrs. Homer Davis, Walton, Kan.

IVORY WHITE ROCK EGGS FROM FARM flock of big hens. $1.00 15. $5.00 100. Pen eggs, $3.00 15. $5.00 30. Minnie Clark, Haven, Kan.

PURE BRED BARRED PLYMOUTH ROCKS exclusively, no inbreeding. Eggs 15 65 cts. 50 $2.00. 100 $3.75. S. B. Shaw, Goff, Kan., R. No. 3.

WHITE PLYMOUTH ROCKS ONLY FOR seventeen years; blue ribbon winners; $1.00 per 15 or $4.00 per 100. Lambert Bros., Smith Center, Kan.

BUFF AND WHITE ROCKS. WON SIX firsts at Hutchinson Jan., 1914., also specials. Eggs 15 $1.00. 100 $5.00. W. H. Beaver, St. John, Kan.

OPFER'S WEIGHER-LAYER BARRED Rocks. 103 premiums. Eggs 15 $1.00; 100 $5.00. Pens $3.00 and $5.00 per 15. W. Opfer, Clay Center, Kan.

BIG TYPE BLUE BARRED PLYMOUTH Rocks, Bradley strain, none better. Eggs 15 $1.25, 30 $2.00, 50 $3.00, 100 $5.00. Mrs. T. B. Mitchell, McPherson, Kan.

BARRED ROCKS. 68 PREMIUMS, TOPEKA, Manhattan, Clay Center, Denver. Eggs, 15, $3.00; 30, $5.00; 15, $1.25; 60, $4.00; 100, $6.00. Mattie A. Gillespie, Clay Center, Kan.

PURE BARRED ROCKS EXCLUSIVELY. Fifteen years' successful experience. Eggs $1.00 15, $5.00 100. Safe arrival guaranteed. Glendale Farm, C. E. Romary, Prop., Olivet, Kan.

BRED TO LAY BARRED ROCKS. ABSOlutely the finest lot I ever owned. Satisfaction guaranteed. $1.00 setting, $5 per hundred. Belmont Farm, Topeka, Kan., Box 69.

WHITE ROCKS. PURE WHITE, BIG boned, farm raised. Eggs $1.00 for 15. $2.50 for 50. $5.00 for a hundred. Good laying strain. Prize winners. Mrs. Ben Miller, Newton, Kan.

FULL BLOOD BARRED ROCKS. FLOCK headed by cockerels bred by Madison Square Garden winners. Farm raised. Eggs 15 $1.25, 30 $2.00, 100 $5.00. Mrs. John Yowell, Route 4, McPherson, Kan.

HANLY'S FANCY PLYMOUTH ROCKS, Barred, White and Buff. Winners wherever shown. I have some of the best I ever raised, birds I could sell easily at $50.00 each. Eggs, pullet mating, Pen 1 $5.00 per 15; Pen 2, pullet mating, $2.50 per 15; Pen 3, ck. mating, $3.50 per 15; 60% guaranteed fertile or duplicate the order at half price. Eggs half price after May 15. J. R. Hanly, Monticello, Mo.

PLYMOUTH ROCKS.

BARRED ROCK EGGS. BUY PRIZE WINning stock. Our birds won 8 firsts at Hutchinson and Wichita. Pen eggs $3 and $5 per 15. Utility $4 per 100. Descriptive circular. C. C. Lindamood, Walton, Kan.

LEGHORNS.

S. C. BROWN LEGHORN EGGS, 100 $3. Mrs. A. Anderson, Greenleaf, Kan.

S. C. BROWN LEGHORN EGGS $4 PER hundred. Hulda Keearns, Girard, Kan.

SINGLE COMB WHITE LEGHORN CHIX 9½ cents. Mrs. James Reilly, Inman, Kan.

S. C. WHITE LEGHORN EGGS $1.00 PER 15, $3 for 90. Eugene Bailey, Okla City, Okla., R. 8.

PURE SINGLE COMB BROWN LEGHORN eggs $3.00 100. Mrs. Henry Wohler, Hillsboro, Kan.

PURE BROWN ROSE COMB LEGHORN eggs 3½ cents each. Laura A. Hazen, Wayne, Kan.

ROSE COMB BROWN LEGHORN PURE bred eggs, $4.00 per hundred. H. B. Miller, Sycamore, Kan.

LARGE S. C. WHITE LEGHORN EGGS, 100 $3.00. Farm range. Hattie Jones, Jamestown, Kan.

S. C. W. LEGHORN EGGS, 100% FERTILity guaranteed. Eggs half price. Robert Ketcham, Boonville, Ind.

PURE S. C. BUFF LEGHORN EGGS, 15 75 cts. 100 $4.00. Baby chicks 10 cts. Ella Beatty, Lyndon, Kan.

SINGLE COMB BUFF LEGHORNS—STATE show winners. Eggs 15 $1.00, 100 $4.00. Geo. Dorr, Osage City, Kan.

FERTILITY GUARANTEED. SINGLE COMB White Leghorn eggs. $1.00 15. $5.00 100. Emery McKee, Hallowell, Kan.

ROSE COMB BROWN LEGHORN EGGS. Specialty 12 years. Satisfaction guaranteed. Olive Hoskins, Fowler, Kan.

S. C. W. LEGHORN EGGS FOR SALE from select stock. $3.50 per 100. $2.50 for 50. Wm. T. Betzing, Tipton, Iowa, R. D. No. 6.

S. C. W. LEGHORN EGGS FOR SALE, from vigorous farm raised flock, 75 cts. per 15. $4.00 per 100. A. R. Cochran, Anita, Cass Co., Iowa.

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BLANCHARD, WYCKOFF AND D. W. Young strains S. C. W. Leghorn eggs for hatching, $4 a hundred. Mrs. Elsie Thompson, Mankato, Kan.

ROSE COMB WHITE LEGHORNS BRED exclusively ten years. Fifteen eggs one dollar, one hundred four dollars. Corless Chartier, Miltonvale, Kansas.

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ACKERMAN'S LAYING STRAIN. SINGLE Comb White Leghorns. 15 eggs $1.00. 100 eggs $5.00. Early cockerels 30 cts. each. Send me your order now. Mrs. Joe Boyce, Carlton, Kan.

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PLANTS, TOMATOES. ALL KINDS, 25C 100, $2.00 1,000. Cabbage, 25c 100, $1.50 1,000. Sweet potato, Yellow Jersey, Nansum, Southern Queen, 20c 100, $1.50 1,000; Red Bermuda, Early Golden, 20c 100, $1.00 1,000. Not prepaid. Write for full list. John Patzel, No. 3, Topeka, Kansas.

HILDRETH'S YELLOW DENT SEED CORN, finest shown at State Fair, Hutchinson, Kan., this year. Tipped, hand shelled, and finest germination, bargain price $2.15 per bu., sacks free. Raised on our own farm here, and guaranteed. Order quick. Brooks Wholesale Co., Ft. Scott, Kan.

FARM SEEDS—CHOICE DWARF MAIZE and white kaffir $2.50. German millet $3.00. Siberian millet $2.50. Canes $3.00. Feterita $4.00. Standard maize $3.00. Red kaffir $3.50. Standard and dwarf broom corn $3.50. Sweet clover $30.00. All per 100 pounds. Claycomb Seed Store, Guymon, Okla.

PLANTS: CABBAGE — EARLY, SUCCESsion and Late, .20 per 100, $1.75 per 1000. Tomato—Early tree, Kansas Standard, Dwarf Champion, Stone, Beauty, Matchless, .30 per 100, $2.50 per 1000. Sweet potato—Yellow Jersey and Nansemond .22 per 100, $1.85 per 1000. Red Bermuda, Southern Queen, Early Golden .30 per 100, $2.50 per 1000. Not prepaid. Parcel post .05 per 100 extra. F. P. Rude & Son, North Topeka, Kan.

FOR SALE OR EXCHANGE

WILL EXCHANGE FLORIDA FARM FOR Kansas farm. Box 72, Orlando, Fla.

WILL EXCHANGE FLORIDA FARM FOR Kansas farm. Box 72, Orlando, Fla.

RESIDENCE IN BALDWIN FOR LAND IN north central Kansas. M. Tillman, Baldwin, Kan.

EXCHANGE 10 ROOM HOUSE, MODERN, in Goodland, Kansas, for farm. Box 558, Goodland, Kan.

EXCHANGES, 1000, FARMS, MDSE., ETC. Everywhere. Write for list. Reidy & Overlin, California, Mo.

FOR SALE OR TRADE—160 ACRES OF land, unimproved, incumbrance $300.00, will trade for livery stock, stallions or jacks. Joe McCune, Tyrone, Okla.

FARMS, CITY PROPERTY AND STOCKS of goods wanted for exchange for Kansas, Missouri, Oklahoma and Arkansas lands. Address Kiblinger & Ball, Oswego, Kan.

FOR QUICK SALE OR TRADE. FINE well located rental or resident property Marion, Kan. Good schools and churches, 2 blocks from high school. Will consider trade on land, horses or young cattle. F. B. Severance, Lost Springs, Kan.

WILL SELL OR TRADE FOR CATTLE, 30-60 H. P. Hart-Parr tractor with 2 section Emerson disc plow. 7 discs per section and 6 bbl. oil tank. All in good condition. Engine operates successfully on kerosene or distillate. James Hills, Lewis, Kan.

LANDS

240 ACRES GRASS LAND, 4 MI OF LEnora, $3,600. Webster McNall, owner, Gaylord, Kan.

BOURBON CO., EASTERN KANSAS. GOOD farms, alfalfa, corn and tame grass land. Write for price list. Stiers & Kent, Uniontown, Kan.

SELL YOUR PROPERTY QUICKLY FOR cash. No matter where located. Particulars free. Real Estate Salesman Co., Dept. 5, Lincoln, Neb.

I WILL BUY, RENT OR TRADE FOR A good grain and stock farm, in east half of Kansas. What have you? Address Lock Box 184, Hale, Mo.

FOR SALE—320 ACRES 10 MILES SOUTH of Gt. Bend, Kan., house has hot and cold water with bath, good barn, pasture, hog fences, fruit, fine grove. Write J. A. Blunn, Sta. A, Wichita, Kan.

DON'T PAY RENT WHEN YOU CAN BUY rich productive land close to station at $12.50 to $20.00 per acre. Small payment down, easy deferred payments. D. J. McMahon, Crookston, Minn.

WANTED, MEN TO TAKE UP HOMEsteads in good community, good school, good land, four miles of town. I have farmed here for past six years, write me for particulars. A. Sowers, Caddoa, Colo.

HAVE $12,000 EQUITY IN FOUR SECtions West Texas land. Will join responsible party with $6,000 to $12,000 cash in purchasing reputable business or mercantile stock. J. H. Burnett, Abilene, Texas.

MISSOURI IMPROVED FARMS—BEST IN the world for the money, $10 to $40 per acre. Terms. Healthful climate; timothy, clover, alfalfa. Stockman's paradise. Circulars free. G. R. Bakeman, Richland, Pulaski Co., Mo.

160 ACRES FINE BLACK LAND, WHARton Co., south of Louise, in rain belt, Gulf Coast, Texas. Direct from owner. Will make splendid farm. Owner going in business, need cash. Address 1916 Taft St., Fairview Add., Houston, Tex.

200 ACRE FARM 4 MILES OF KENTwood La., 1½ miles of Osyka, Miss. 8 room house, 70 acres cleared, 25 acres satsuma orange trees. Good water. On main line of Illinois Central R. R. $27.00 per acre. Franklin Clark, Owner, Osyka, Miss.

FOR SALE—ONE OF THE BEST 320 ACRE farms in Central Kansas, good land, good improvements, good terms on part if wanted, part under irrigation with perpetual right. If interested write the owner for full description. H. D. Prose, Macksville, Kan.

ADVERTISE YOUR PROPERTY IN CAPper's Weekly for quick and sure results. 250,000 circulation guaranteed—among best farmers in Kansas and adjoining states. Advertising rate only 8c a word. Address Capper's Weekly, Adv. Dept., Topeka, Kan.

FOR SALE BY OWNER. A 920 ACRE IMproved creek valley stock and alfalfa farm in Beaver county, Oklahoma. A great opportunity. Price and terms attractive. Correspondence wanted from moneyed men at once. This is too good to last. Address Mrs. Sarah Wickham, R. 1, Box 9, Madison, Okla.

FOR SALE OR RENT—40 ACRES, 3 MILES of Carbondale, Kan.; 30 under cultivation, balance pasture and little timber on creek; 2-room house, barn, cow lot, chicken house and corn crib; 1 mile to good school; 3 to church and store; fine neighborhood. Am a widow and must sell or rent quick. Bargain. Mrs. Rachel Layman, Carbondale, Osage Co., Kan.

OREGON STATE PUBLICATIONS FREE. Oregon Almanac and other official books published by State Immigration Commission, telling of resources, climate and agricultural opportunities for the man of moderate means. Ask questions—they will have painstaking answers. We have nothing to sell. Address Room 67 Portland Commercial Club, Portland, Oregon.

GOOD FARM RANCH FOR SALE; 1,280 acres, all in one body, within 20 miles from Hays and close to a railroad town; 300 acres in cultivation, 250 acres wheat, more can be plowed if desired; good house and improvements; plenty of water; prices reasonable; easy terms; no agents or commission; no trades. For particulars write Carl Hoffschnider, Gorham, Kan.

FOR SALE—IN SOUTHWEST ARKANSAS, the best farming section of the state, a beautiful section of land two miles from county seat, two sets of improvements, fenced and cross fenced hog tight, 400 acres in grass and cultivation, balance hard wood. Choice alfalfa land. No hills, rocks, or swamps. Very productive sandy loam. Price $50 per acre. Will shade price to quick cash buyer. Wheeler Drug Co., Wichita, Kan.

260 ACRES 45 MILES FROM MINNEAPOlis, one mile from town; 160 acres under cultivation; balance used for pasture; can practically all be cultivated; heavy soil; good set buildings, consisting of 8-room house, large barn, granary, corn cribs, etc.; the land will produce 60 bushels of corn per acre; telephone in house; country thickly settled; complete set of machinery; 27 head of stock; consisting of eleven cows, balance one and two year olds; six good horses; 25 hogs; chickens; one-half of this year's crop and everything on the farm goes at $50 per acre; half cash. Schwab Bros., 1028 Plymouth Bldg., Minneapolis, Minn.

FARMS WANTED

YOU CAN SELL YOUR FARM OR BUSIness quickly for cash, no matter where you live, through our system. Particulars free. Blacks Business Agency, Desk 18, Durand, Wis.

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A SIXTY TON SILO AT ONE-THIRD THE cost. Tested four years. None better. Fully guaranteed. Buy early, erect and take orders. Your neighbors will want it. This is the coming silo. Must have orders early. Bonita Farm, Raymore, Mo.

FOR SALE

SCOTCH COLLIES. WESTERN HOME Kennels, St. John, Kan.

FOR SALE CHEAP. ELEVATOR ON Santa Fe at Hope, Kan. Inquire Box 113, Hope, Kan.

RESTAURANT FOR SALE — REASONable. Doing good business. Address "Z," care Mail and Breeze.

FOR SALE—4,000 HEDGE POSTS. KAFFIR corn. Cane seed. Millet seed. Baled hay. P. Ludvickson, Severy, Kan.

SOME SIX HUNDRED GOOD HEDGE posts for sale at Louisburg, Kansas. Address W. H. Howard, Louisburg, Kan., or W. C. Howard, Baldwin City, Kan.

TOBACCO. I HAVE THOUSANDS OF pounds of fine old Kentuck chewing or smoking tobacco; 30 cents per pound, postpaid. Chas. T. Daniel, Owensboro, Ky., Dept. E.

SAVE YOUR HAY. OPEN STACKS AND ricks easily and quickly covered with our filled canvas covers. Saves cost many times each season. Wire, phone or write Ponca Tent and Awning Co., Wichita, Kan.

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GOVERNMENT FARMERS WANTED. Make $125.00 monthly. Free living quarters. Write Ozment, 38-F, St. Louis, Mo.

THOUSANDS GOVERNMENT JOBS OPEN to men and women. Big pay. Write immediately for free list. Franklin Institute, Dep't G 51, Rochester, N. Y.

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$120.00 ABSOLUTELY SURE—MAN OR woman to distribute literature. 60 days' work. Opportunity for promotion. Experience unnecessary. Spare time may be used. Ziegler Co., Philadelphia.

WILL PAY RELIABLE MAN OR WOMAN $12.50 to distribute 100 free pkgs. Perfumed Borax Soap Powder among friends. No money required. M. B. Ward Company, 218 Institute Pl., Chicago.

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RAILWAY POSTAL CLERKS WANTED. $75.00 month. Apply, Franklin Institute, Dep't G 51, Rochester, N. Y.

MEN TO SELL AUTOMOBILE OIL AT 24 cents. High Grade Groceries at low prices. Paints 70 cts. to $1.25—fully guaranteed. Stock and Poultry Tonics highest medicinal test. The big selling season is on—quick returns—good pay—steady work for men outside of Chicago. Dept. FMB, Hitchcock-Hill Co., Chicago.

YOUNG MAN, WOULD YOU ACCEPT AND wear a fine tailor made suit just for showing it to your friends? Or a slip-on raincoat free? Could you use $5 a day for a little spare time? Perhaps we can offer you a steady job? Write at once and get beautiful samples, styles and this wonderful offer. Banner Tailoring Co., Dept. 731, Chicago.

LOCAL REPRESENTATIVE WANTED. Splendid income assured right man to act as our representative after learning our business thoroughly by mail. Former experience unnecessary. All we require is honesty, ability, ambition and willingness to learn a lucrative business. No soliciting or traveling. All or spare time only. This is an exceptional opportunity for a man in your section to get into a big paying business without capital and become independent for life. Write at once for full particulars. National Co-Operative Realty Company, L-157 Marden Building, Washington, D. C.

AGENTS WANTED

$25.00 WEEKLY SELLING GOODS. 40C silver brings samples. Particulars, etc. Harry Hockman, Beattie, Kan.

AGENTS WANTED FOR FULL LINE fruit trees and shrubs. Work full or part time as you prefer. Draw pay every week. We teach you. Outfit free. Lawrence Nurseries, Lawrence, Kan.

AGENTS WANTED FOR FIRST CLASS Arkansas land proposition, no rocks, hills nor swamps. Big money for reliable men and women. Call or write Wm. C. Uphoff & Co., Times Bldg., St. Louis, Mo.

WANTED GOOD LIVE REAL ESTATE agents to co-operate with us in colonizing a 20,000 acre tract of good farm land in eastern Colorado near Platte River in the Shallow Water District, where the crop pays for the land in two years. Good commission to live agents. Write at once for literature. Platte River Valley Land Co., Omaha State Bank Bldg., Omaha, Neb.

SITUATIONS WANTED

WANTED—PLACE TO WORK IN HARvest, by man and wife. The man is a competent stacker and his wife an excellent cook. Two children. Address G. E. H., care Mail and Breeze.

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BEST HOME CANNERS, ALL SIZES. Latest methods. Illustrated literature free. Headquarters for cans and labels. Write today. Royal Home Canner Co., Dept. 134, Albion, Ill.

Automatic Stock Waterer

[Prize Suggestion.]

A good stock waterer can be made at home this way: Put an inch pipe through one end of an ordinary trough, an inch from the top, and fasten it solid with lock nuts so that it will not slip. Then take a plank 4 feet long and nail a block on the end to go next to the

Always Plenty of Water.

trough through which the pipe runs so that it will fit snugly against the end of the pipe, when the other end is raised. Put a bolt through the trough and block for a pivot so that when the trough is full of water the other end of the plank will float up and press the plank's end over the feed pipe, shutting off the water.

Morrill, Neb. R. A. Wilder.

A Good Time to Slay Rabbits

The best time for the farmers of western Kansas to kill off the rabbits is during May and June. Before the hard winter of 1911 and 1912 the rabbits damaged farm crops to the extent of thousands of dollars every year. Then came the hard winter and killed about 70 per cent of them but it will not be long now until they will be just as numerous as ever.

It is during the breeding season that the most effective work can be done in exterminating them. The killing of a female now will dispose of as many rabbits as the shooting or trapping of a dozen next fall or winter. They are comparatively tame now and may be picked off around the edges of fields in the evening. Let the boys, old enough to be careful with arms go out in the evening for an hour or two of sport. A rifle and plenty of ammunition in the hands of a careful boy will take down a good many rabbits in a few hours.

Ingalls, Kan. E. C. F.

If, after eight years in the grammar school and four more in high school, the graduate cannot write a neat, legible hand, compose a creditable letter faultless in grammar, do simple problems in arithmetic—if he has not been so thoroughly instructed as to remember the principal facts of geography and American history, and if he cannot spell the words of ordinary social and business life correctly, are the public schools performing their functions? Isn't there need of more of the practical and useful in our schools?

"Jim" Fike is Dead

J. N. Fike, known as the "Kansas wheat king," died rather suddenly at his home near Colby, Friday of last week. He had been suffering from kidney disorder for a year but his death came unexpectedly. Mr. Fike has been prominent in Kansas agricultural and political circles for many years. He took a claim in Thomas county in 1885 and served as that county's first clerk. Although holding various political offices at different times, he was best known throughout the Middle West as a wheat grower. He has grown as high as 15,000 acres of wheat in a single year.

Who Knows From Experience?

I would like to have the opinion through the Mail and Breeze, of some one who knows, as to the use of a heavy roller on new graded roads or any other roads where the soil is of a sandy nature.

Preston, Kan. J. L. P.

MISCELLANEOUS

CONSIGN YOUR HAY TO E. R. BOYNTON Hay Co., Kansas City, Mo. Established 1889.

AUNT SALLIE, 4224 EAST 15TH ST., KANsas City, Mo., offers special bargains for fifteen days in dry goods, notions and shoes. Write for circular.

YOU MAY HAVE A BUSINESS TRAINING. Whatever your circumstances. The Success Club, Topeka, Kan., will find you a way. Write fully. Enclose stamp.

BIG BARGAIN FOR SHORT TIME ONLY. Send only 10 cents and receive the greatest farm and home magazine in the Middle West for six months. Special departments for dairy, poultry and home. Address Valley Farmer, Arthur Capper, publisher, Dept. W. A. 10, Topeka, Kansas.

BIG WESTERN WEEKLY SIX MONTHS 10 cents. Biggest and best general home and news weekly published in the West. Interesting and instructive departments for young and old. Special offer, six months' trial subscription—twenty-six big issues—10 cents. Address Capper's Weekly, Dept. W. A.-12, Topeka, Kan.

PATENTS

SEND FOR FREE BOOKLET, "ALL About Patents and Their Cost," "What to Invent," "Sale of Patents," etc. Shepherd & Campbell, 500-C Victor Bldg., Washington, D. C.

PATENTS THAT PAY. $561,530 MADE BY clients. I sell patents. Prizes offered. Patent Book—"What and How to Invent—Proof of Fortunes in Patents" free. E. E. Vrooman, Patent Attorney, 885 F St., Washington, D. C.

MEN OF IDEAS AND INVENTIVE ABILity 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.

Stronger than three woven wire Gates

30 days trial

Compare this solid steel construction with other farm gates. Woven wire is all right for fencing, but your gates must be stronger. Our low prices will surprise you.

C. L. GADE, 52 Main St., Iowa Falls, Iowa

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HEAVE, COUGH, DISTEMPER AND INDIGESTION CURE. Cures Heaves by correcting the cause—Indigestion. Prevents Colic, Staggers, etc. Best Conditioner and Worm Expeller. Used by Veterinarians for 30 years. The first or second $1.00 can cures heaves. The third can is guaranteed to cure or money refunded. $1.00 per can at dealers' or sent direct prepaid. Booklet free. THE NEWTON REMEDY COMPANY, Toledo, Ohio.

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Write For Prices Today

Enables you to save all the seed of Flax, Alfalfa, Clover or Timothy. No rake or tedder needed. Delivers crop to the side out of the way of team and machine on next round. Has gate for bunching. No holes to bore in your mower with the "Northwest."

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For an 8 foot galvanized steel windmill, and a 30 foot 4 post galvanized steel tower The best that money can produce and guaranted for 5 years, ONLY $35, and money back if your not satisfied. We make all sizes of mills and towers from 20 to 200 feet high. Write us to-day send us you order and save $25 to $30.

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Does everything any 4-H. P. engine will do and some work no other engine can do. An ALL-PURPOSE, all-season engine AND will run any binder. Weighs 180 lbs. Throttle governor. Guaranteed 10 years. Also 2-cylinder 8 H. P. up to 20 H. P. Get catalog and trial offer.

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Engine on same or separate frame.

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Autoists Get our new 1914 catalogue of supplies and accessories—we carry everything for the automobile—prompt service. best goods, fair prices—largest supply house in state—special proposition to dealers and garage men.

Southwick Auto Supply Company, 925 Kansas Ave., Topeka, Kansas

1914 MODEL 22 Cal. HUNTING RIFLE Free

A REAL GUN. Take-Down pattern, with latest improvements, walnut stock and grip. Shoots accurately 22 long or short cartridges. Handsome, durable. SEND NO MONEY only your name and address for my easy plan of securing this fine rifle Absolutely Free' express prepaid. Write today. D. W. BEACH, Box 52, Spencer, Ind.

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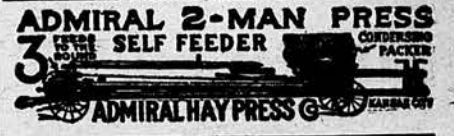

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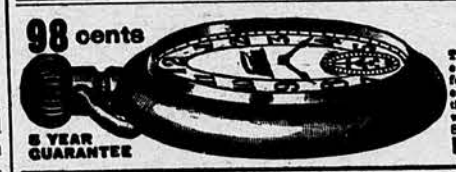

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190 A. bottom farm, $140 a. Best of improvements. Write **A. Lindstrom, Ottawa, Kan.**

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160 A. 4 mi. from Catholic church in N. E. Kan.; near school; $1,500 of impr. 60 a. cult. 20 a. meadow, bal. good grass land. $37.50 a. Terms. **J. B. Wood, Seneca, Kan.**

FOR SALE. Level half section five miles from Wakeeney, $15 per acre; improved quarter section farther out $12.50 per acre. Address **P. O. Box 312, Wakeeney, Kansas.**

160 A. 3 MI. OUT; 34 a. wheat; dandy imp.; $8,400. 60 a. 5 mi. out; good imp.; $3,200. 80 a. 3½ mi. out; good imp.; $4,200. **Decker & Booth, Valley Falls, Kansas.**

I HAVE a very fine 5,000 acre stock ranch that I will sell worth the money. Also a 660 acre dairy farm, that will bear investigation, and will be sold cheap. Write me at **Ness City, Kansas. J. C. Hopper.**

I CAN SELL YOU the finest farms, not to be excelled anywhere for the price. For alfalfa and grain farms. Stock raising. Descriptions and prices on request. Cash and good terms. **H. H. Stewart, Wellington, Kan.**

KANSAS FARM RANCH for sale. 5,512 a. in square tract, close to station; highly improved. Excellent location for raising thoroughbred stock. Address **John Moffet, (owner), Washington Hotel, Kansas City, Mo.**

MONEY FROM HOME. Improved 160 acres. Well, windmill, 80 cult.; 80 pasture. All can be farmed, well located, 10 miles Spearville, $2,800. Terms. Send for list. **Thos. J. Stinson, Spearville, Kansas.**

FOR SALE: A-1 wheat farm of 160 acres 4 miles south of Dodge City; 50 acres in wheat; fenced and cross-fenced; sand-loam soil. A snap at $27.50 per acre. ½ cash. **G. L. Painter, Dodge City, Kan.**

GOOD, smooth wheat and alfalfa lands at $15 to $25 per acre. Write for price list, county map and literature. **Floyd & Floyd, Ness City, Kansas.**

PASTURE containing about 5½ sections rolling pasture land, well watered. Will rent. South of Dodge City, Kan. Write **Thos. Bragg, R.F.D. No. 1, Dodge City, Kan.**

IF YOU WANT one to five acre tracts or farms write **Doane & Sons, Strang Line, Lenexa, Kan.**

118 ACRES, 2 miles town of 10,000 people, 90 acres creek bottom alfalfa land, 12 acres blue grass, 5 acres mow land, 5 room house, barn 30x40, well and windmill. Price $10,000. Terms if wanted. **Mansfield Land Company, Ottawa, Kansas.**

SELL YOUR PROPERTY QUICKLY no matter what or where it is. Pay no commissions. Particulars free. **Dept. F, Co-operative Salesman Company, Lincoln, Neb.**

Northeastern Kansas Land

for sale in the famous Bluegrass, Timothy, Clover and alfalfa district, $50 to $100 per a. **Compton & Royer, Valley Falls, Kan.**

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Improved 80 a. Montgomery Co.; 2 mi. town; good strong soil; terms. **Foster Brothers, Independence, Kansas.**

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160 a. 1½ mi. from Lawrence, all bottom land, except 5 a. where buildings are located. 70 a. wheat, balance corn and grass. Possession any time. $100 per acre, liberal terms. **HOSFORD INVESTMENT & MORTGAGE CO. LAWRENCE, KANSAS.**

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Land bargains. Write for descriptions. Several of my own farms; can make terms to suit. **C. W. Phillips, Greensburg, Kan.**

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You are entitled to a home and independence. You are now paying the net earnings of your labor to your landlord when it should be paying for a home for your family. Write us for information how to get one. **NEW HOME REALTY CO., 1307 Commerce Bldg., Kansas City, Mo.**

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In Jackson or adjoining counties or anywhere in N. E. Kansas. 80, 120 or 160 a. tract, imp. or unimproved; no washed, gullied nor overflowed farm. Prefer one fairly level, clear of alkali. Must be good soil, priced right. Describe what you have, give price, distance to R. R. point, plat of farm. Address **Box 312, Effingham, Kan.**

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Located in Plains, Kansas, which is a live, growing town, are certain to be money-makers. Today's prices are from $17.50 to $100.00 on easy terms of 1-10 down and the balance 1-10 per month. Write for price list and full information. You will be surprised at the choice investment opportunity offered. **JOHN W. BAUGHMAN, PLAINS, KANSAS**

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WALLACE COUNTY, KANSAS. Stockmen, attention! 50,000 acres choice grazing and alfalfa land for sale. Best watered county in Kansas. No stock diseases known here. For reliable information apply **Box 244, Peter Robidoux, Wallace, Kansas.**

SEDGWICK COUNTY FARM BARGAINS. 220 acre alfalfa farm. 120 acres now in alfalfa. Land level; water in 12 feet any place on farm; good house, horse barn, cattle barn; can feed 200 cattle and holds 300 tons alfalfa hay at same time; 60 acres wheat; all crops go. $105 per acre. This will suit you.

80 acre farm, all good land, 6 room house, large barn. This nice little home 6 miles from Wichita. $5,500. Terms on half. Call on or write **H. E. Osburn, 227 East Douglass, Wichita, Kansas.**

ARKANSAS

ARKANSAS FARMS for sale. Terms. List free. **J. C. Mitchell, Fayetteville, Ark.**

DOWELL LAND COMPANY will furnish you lists of farm, timber and rice lands at lowest prices. **Walnut Ridge, Arkansas.**

FOR DES. LIT., city props., Ark., and Okla. farm, fruit, timber, grazing lands, write **Moss-Ballou & Hurlock, Siloam Sprgs., Ark.**

BOTTOM and upland farms, for corn, etc., and livestock. Low prices. For full particulars write **McKamey & McCarroll, Imboden, Ark.**

120 ACRES upland, 7 mi. Morrilton. 60 a. cult., 80 cleared, balance timber. Fair imp. Rented $100 cash. Price $850.00. **Stephens, Cazort & Neal, Morrilton, Ark.**

CORN, OAT, CLOVER land. Sure crops. No swamps, hills. Fine climate, schools, churches. Small pay't down, bal. long time. Maps, circulars. **Tom Blodgett Land Co., Rison, Ark.**

QUIT RENTING and write **Eugene Parrick,** the land man, for fruit, grain and timber farms. Best prices, terms, water and climate in Ark., Missouri and Oklahoma. Describe your wants in first letter. **Hiwasse, Ark.**

440 ACRES OF FINE LAND, all open but 50 acres, fine alfalfa and clover land, 150 acres Bermuda grass, 2 miles inland town, 5½ miles of two railroad towns; small dwelling, 3 tenant houses; price $40 per a. **Horton & Company, Hope, Arkansas.**

200 A. 3 mi. of good town of 800. 60 a. in cult. 500,000 ft. of timber, 2 houses, 2 barns, 3 wells, 2 springs, ¼ mi. to good school, church, P. O. and store. A genuine bargain. Price $1,250. For sale by **Black & Pitts, Waldron, Arkansas.**

LAND —What have you to trade for Arkansas, level, unimproved land? Close to railroad. **Shaeffer Land Co., 641 Reserve Bank Bldg., Kansas City, Mo.**

Free Farms

500,000 acres government land free, open for entry in Arkansas. Where located and how secured shown in my new booklet sent post paid for twenty-five cents. **R. C. Jarrell, Department 2, Carthage, Mo.**

MINNESOTA

MINNESOTA FARMS for sale. Easy terms. Write **A. G. Whitney, St. Cloud, Minn.**

PAYNESVILLE LAND CO., sell Minnesota farms. Write for list. **Paynesville, Minn.**

BOOKLET, "Why Best Buy." Wadsworth Co., Windom, Minn, or Langdon, N. Dak.

SETTLERS WANTED for clover lands in central Minnesota. Corn successfully raised. Write **Asher Murray, Wadena, Minn.**

IMPROVED Red Lake county lands for sale. Write for prices and terms. **Merchants State Bank, Red Lake Falls, Minnesota.**

CORN, CLOVER, POTATO and dairy farms and lands; very best loam soil on clay, within 50 mi. of St. Paul. For desc. list write **Frank Fredeen, Taylors Falls, Minn.**

WANTED—Farmer in every locality to handle our West Central Minnesota farm lands. Liberal commissions. Write for proposition. **King Land & Loan Co., Breckenridge, Minn.**

A FARMERS' COMPANY operated for the benefit of farmers. 160 a. imp. near town on new electric line. Telephone, R.F.D. We grow corn. Price $42 per acre. **Farmers Co-operative Land Co., Thief River Falls, Minn.**

$1.50 A. DOWN, bal. 20 yrs., 5% int. Good land. Dairy country. Diversified farming. Can be inspected at small cost. Land lies in and near Beltrami Co., Minn. **Grand Forks Lbr. Co., Box C, East Grand Forks, Minn.**

ACTUAL SETTLERS wanted for our west central Minnesota improved corn, clover, alfalfa and blue grass farms. $40 to $70 per a. Write for "Ulland's Information Bulletin." **Ulland Land Co., Fergus Falls, Minn.**

STOCK AND CORN FARM.
No. 105. 280 acre well improved stock and corn farm, Morrison County, good buildings. Sandy loam soil. Nice laying land. Price $53.00 per acre. $3,000 cash, bal. terms. A snap. Ask for our list of money-making farms in English or German. **Louis W. Traub Co., 405 Temple Court, Minneapolis, Minn.**

Settlers Wanted $5,280 buys 160 acres Marshall county. Well improved, near town. Mostly cultivated. Easy terms. Get particulars. **T.K. Thompson, Owner, Loan & Trust Bldg., Minneapolis, Minn.**

HEALY LAND Co. Corn successfully grown. Drouths unknown. Don't doubt, but write for information and list of bargains. **RED LAKE FALLS, MINN.**

FLORIDA

THE GATEWAY to the Everglades, Southern Florida's coming big city. Lots, lands, fruits, profits, unexcelled. **Parker & Ausherman, Ft. Lauderdale, Fla.**

WASHINGTON

RICH VALLEY LANDS in White Salmon, Washington, on the Columbia river. Excellent soil, climate, plenty of rainfall. Within seventy-five miles of Portland, Oregon, and has splendid train and boat service. Close price to party with cash or terms for part payment. **F. E. Holton, Box 971, Minneapolis, Minn.**

OKLAHOMA

GOOD FARMS FOR SALE; for particulars write to **Harry E. Pray, Pawnee, Oklahoma.**

WE SELL THE EARTH that produces alfalfa and corn. W. E. Wilson Realty, Walters, Ok.

EXCEPTIONAL BARGAINS in N. E. Okla. farms. **T.C.Bowling, Pryor, Mayes Co., Okla.**

FOR SALE—Cheap lands in northeastern Oklahoma. Write for price list and literature. **W. C. Wood, Nowata, Oklahoma.**

CADDO COUNTY AGAIN WINS. First on agricultural products at State Fair. Write for information, corn and alfalfa lands. **Baldwin & Gibbs Co., Anadarko, Okla.**

MR. HOMESEEKER: If you want to buy rough pasture land at $3.00 per acre or good farm land at $20 per acre where the land is productive and the rain falls, write **Southern Realty Co., McAlester, Oklahoma.**

FARM FOR SALE BY THE OWNER. An excellent farm about 250 acres, $5,000 worth of substantial improvements; very rich land, practically level, no overflow. Extreme Northeast Oklahoma, about 3 miles from Vinita. Small cash payment, balance on time; low rate of interest. **W. M. Mercer, 88 Fox St., Aurora, Ill.**

Indian Lands

Improved and unimproved farms for $25 to $40 per acre, in the corn, rain, oil and gas belt of northeast Oklahoma. Agents wanted. **J. A. Wettack, Nowata, Oklahoma.**

MISSOURI

FOR FARM LANDS in Barry Co., Mo., write **J. Y. Drake, Exeter, Mo.**

OUR INTEREST is your interest. We drain, improve and sell farms in Little River Valley. **Lilbourn Real Estate Company, Lilbourn, Missouri.**

BE YOUR OWN BOSS. Don't starve in the city. I own several 40 a. tracts of the best soil, bottom, cut-over timber— some a little impr. Fine income homes can be made. Will sell on your own terms. Guarantee 10% income by rents, if imprd. **F. Gram, Naylor, Mo.**

IMPROVED 320 acre farm Bates Co., Mo. 4½ miles town. Price $36.50 acre. **J. P. Hart, Butler, Mo.**

800 ACRE ideal stock ranch, wire fenced; good timber, springs and creek on ranch. Will consider part trade. **T. A. Pritchard, Collins, Missouri.**

176 A. FARM in Polk County, Mo., 7 mi. from Bolivar, 4 mi. to R. R. station. Well improved; all in high state of cultivation but 15 acres of nice timber. All first and second bottom land of excellent quality. Price $55 cash. **R. L. Presson, Bolivar, Mo.**

HOWELL CO., MISSOURI. 120 a. farm 2 mi. from Pomona. 75 a. in cult. and orchard, 500 bearing trees, apple and peach, 100 a. fenced, 5 room house, good barn, 2 wells, cistern, phone line, rural mail. ½ mi. school. $28, terms. Farms for merchandise or town property. **A. P. Cottrell Land Co., Pomona, Mo.**

WISCONSIN

80 A. Bayfield fruit district $2,000 Terms. Other bargains. **Deniston, Bayfield, Wis.**

30,000 ACRES cut-over lands; good soil; plenty rain; prices right and easy terms to settlers. Write us. **Brown Brothers Lumber Co., Rhinelander, Wis.**

CUT OVER LANDS northern Wisconsin, excellent soil, close to Duluth and Superior. Right price to parties with cash desiring one to ten sections or more. Write for particulars. **E. A. Moe, 309 Plymouth Building, Minneapolis, Minnesota.**

THE MARSHFIELD DISTRICT. $500,000 paid out here monthly for cheese and butter. The country of big red barns; corn, clover and alfalfa successfully grown. $2,500, part cash, buys 80 a. imp., 50 in cult. Close to town. Other good ones. **Coles Land Agency, Marshfield, Wis.**

14 IMPROVED corn, clover and dairy farms, near twin cities. Low prices. Easy terms. **J. M. Hagan, New Richmond, Wis.**

WE OWN THESE FARM LANDS. Northern Wisconsin, Ashland and Bayfield counties. On good roads. R.F.D., tel., good markets, excellent fruit, cattle and general farm lands. Write us for prices and terms. **James W. Good & Co., Ashland, Wis.**

WE WANT SETTLERS to locate on our hardwood cut-over lands. Clay loam soil, over 20,000 acres, selling in tracts of forty acres and up; terms ¼ cash, bal. easy payments. Buy from the owners direct. **C. K. & C. C. Ellingson, 200 Main Street, Hawkins, Wis.**

COLORADO

COLORADO farm lands; $8 per acre, $1.00 down. Fifteen years' time on balance. **T. H. Hagen, Board of Trade, Duluth, Minn.**

INVESTIGATE the big land and town lot sale June 9th and 10th at Artesia, Colorado. For information address **Artesia Developing Co., Artesia, (Blaine P. O.) Colorado.**

DAIRY FARMS, stock ranches, irrigated farms, garden and fruit tracts at bargain prices. Write me, stating your wants. **F. James, 1734 Welton St., Denver, Colo.**

$35.00 PER ACRE ($7,000) CASH will buy this 200 acre stock and dairy farm, located six miles S. W. of Reece, Greenwood Co., Kans. 40 acres valley land under cultivation (would grow splendid alfalfa), balance extra good pasture. Has a good six room house, other buildings only fair, farm all extra well fenced, good well, equipped with mill, and large cement water tank. Legal numbers are—The N. W. ¼ of S. W. ¼ Sec. 27-26-8 Greenwood Co. and the S. E. ¼ of Sec. 28-26-8 Butler Co., Kans. No trades considered. Address **W. H. Dayton, Abilene, Kansas.**

FOR SALE OR EXCHANGE

EXCHANGES. All kinds. Free list. **Foster Bros., Independence, Kan.**

WILL SELL OR TRADE you "That farm you want." **James Harrison, Butler, Mo.**

BARGAINS in Lyon county. Trade anywhere. **S. M. Bell, Americus, Kansas.**

LAWRENCE REALTY CO., home of the swappers. **Patrick C. Quin, Mgr., Lawrence, Kan.**

A. P. HOUSTON will sell or exchange your land or merchandise anywhere. Want land exchanges. **Pittsburg, Kansas.**

FARMS, ranches in Texas, Okla., Ark., Mo., Colorado direct from owners. To buy, sell or trade. **Land Buyers Guide, McKinney, Tex.**

EXCHANGE BOOK, of hundreds of honest trades, farms, merchandise, etc., everywhere. **Graham Bros., Eldorado, Kan.**

FOR EXCHANGE—160 acres well located and lays good with new barn and small house. Spring water. All tillable land. Mtg. of $5,000 at 5%, three years. Price $18,000. Will take income prop. up to $5,000. Brown Co. land. **Walter Hanson, Sabetha, Kan.**

Fine Wheat Section

8 mi. N. E. Garden City, Finney Co. Level. 400 a. in cult. Good soil. No rock. Price $26 per a. clear. Sell on terms or exchange for S. E. Kansas farm. Write what you have. **Iola Land Company, Iola, Kansas.**

EASTERN LAND FOR WESTERN.
240 acres, well improved, about 75 mi. southwest of Topeka. Price $18,000, mtge. $5,500. Want good land, in Kansas, not too far west for equity. What have you? Might assume some. **Frank W. Thompson, Beloit, Kan., Agt.**

183 ACRES, Cass County, Missouri, second bottom, very rich; 2 sets improvements; water never fails. Want well improved 160 in Central or Western Kansas. Snap. **Charles Bird, Harrisonville, Mo.**

WANT WESTERN LAND
for 320 acres about 40 miles from Wichita, all good black tillable land, good water, near town and school, small improvements, desirable location. Give full description and price in first letter.

I own a nice 160 acre farm, well located, in high state of cultivation, 100 acres wheat, good improvements. Will sell at a bargain, good terms. **H. C. Whalen, 413 Bitting Bldg., Wichita, Kansas.**

Buy or Trade with us—Exchange book free Bersie Agency, Eldorado, Ks

1914 BARGAINS

Choice farms just listed in northwest Missouri, Iowa, Nebraska, for sale or exchange. Advise me your wants and what you have with full description. **M. E. Noble & Son, 507 Corby-Forsee Bldg., St. Joseph, Missouri.**

To Trade

440 acres well improved Montgomery Co., Kan.; want mdse. 320 acres pasture Wilson Co., Kansas, for mdse or rental. 320 acres unimproved timber land southeast Missouri for mdse. or livestock. 80 acres southeast Missouri for auto. **C. A. Long, Fredonia, Kan.**

To Trade for Land.

Business property in Topeka; elevator, steam heat, electric lights; close to postoffice and court house. Price $40,000. Address **GEO. M. NOBLE & CO., 435 Kansas Ave. Topeka, Kansas.**

THE OZARKS, WHAT OF THEM?

Purebred poultry and high-grade Holstein, Jersey and Ayrshire cows have transformed the Ozarks. Not many years ago southern Missouri and northern Arkansas were celebrated mostly for its moonshine whiskey, squirrel rifles and "yaller" hounds. Today the citizens of that section are progressive, industrious and rightfully proud of the fact that in no other undeveloped section is land advancing so rapidly in value.

Climatic conditions in the Ozarks are ideal for the poultry business. High records made by the hens in the national laying contest at Mountain Grove can be largely attributed to the open winters. Poultry can range almost the year through and the egg basket is filled in winter as well as in summer. Much of the grain fed at the poultry experiment station is grown on the station farm and can be grown in any other Ozark section. Early hatched chicks pay best. Incubators are running in the Ozarks in January and springs go to the St. Louis market when top-notch prices prevail.

Ozark dairymen report a net profit of more than $100 per cow for 1913 in spite of the drouth and high price of feed. Testing has enabled them to find the producer and discard the drone, and many co-operative dairy associations are making the dairy business more profitable. The man with milk on his shoes holds high standing with Ozark bankers for he has a bank of his own.

FREE! "The Truth About the Ozarks" with large list of farms for sale in best locality. Map. **Durnell & McKinney, Cabool, Mo.**

HOWELL CO. bargains. Farm, dairy, fruit and ranch lands for sale or exchange. **West Plains Real Estate Co., West Plains, Mo.**

LAND BARGAIN list sent free with particulars giving description of county, location and prices. **Winona Land Co., Winona, Mo.**

I HAVE SIX good farms in Wright, Texas and Douglas counties. Write for list. **R. F. Baker, Mountain Grove, Mo.**

THE South Missouri Land Co. will sell or ex. mdse., land, income prop. Descriptive pamphlet and list. **Mountain View, Mo.**

SALES AND EXCHANGES in lands and merchandise anywhere on earth. **Co-operative Realty Company, Humansville, Mo.**

BARGAINS in fruit, stock and grain farms in the Ozarks. Climate and water unsurpassed. **G. G. Rice, Mammoth Spring, Ark.**

25,000 A. timber land, imp. farms, Douglas and Ozark Cos. Best bargains on earth. **Homeseekers Real Estate Co., Ava, Mo.**

80 A. 6 mi. Lebanon, R.F.D. and phone, 65 a. cult., fenced, 6 room house, good barn. Price $2,800.00. **Stilwell Land Co., Magnetic City, Lebanon, Mo.**

IF YOU WANT farms or stock ranches in the Ozarks of Missouri, write **A. J. Johnston, Mchats. Nat'l Bank Bldg., Springfield, Mo.**

DO YOU WANT a James river farm, timber land, dairy, stock farm? Abstractor. Exchanges. **J. Felix Norman, Galena, Missouri.**

IF YOU WANT a grain or stock farm on Current River, write **Current River Land Co., Van Buren, Mo.**

C. L. WILLIS will furnish you free lists of farms and timber lands. Write him at **Willow Springs, Missouri.**

IF YOU WANT A HOME come to the Ozarks. For particulars write **J. E. Twohig & Co., Norwood, Missouri.**

480 A. STOCK RANCH, Estanchia Valley, N. M. Valley land, well imp., $9,600. Near R. R. Want income. **F. M. & C. G. Morgan, Springfield, Mo.**

WE HAVE a good farming and stock country; plenty of good rich, smooth land at a price you can afford to pay in Polk and Dallas counties. **Polk County Land Investment Co., Bolivar, Polk Co., Missouri.**

POLK COUNTY FARMS for sale or exchange. Ideal climate, pure water, fine pastures, short feeding season, productive soil, prices and terms to suit. **Harry T. West Realty Co., Bolivar, Mo.**

CANADA

PARTY owning fine half section in eastern Alberta, Canada, will sell at close figure to party who can pay cash or half cash, balance terms. **E. F. Glenny, 311 Plymouth Building, Minneapolis, Minn.**

WE OWN 30,000 ACRES of fertile land close to schools, churches and railway markets. $500 cash will handle 160 acres equipped with implements and material to build a house and stable. **Canada Lands Limited, Northern Crown Bk. Bldg., Winnipeg, Can.**

320 ACRES close to Winnipeg, fully stocked; horses, cattle, pigs, etc.; good buildings. 180 acres cultivated, all implements included. $18 per acre for quick sale. 500 other western Canadian farms for sale on easy terms or exchange. **M. Meyers, Great West Realty Co., 415-417 Somerset Blk., Winnipeg, Canada.**

WE OWN and control large tracts of the best land for wheat and mixed farming in Western Canada. Also large number of improved farms, near railway and school for actual settlers. Prices $8 per a. and up. Write the owners. **Lands and Homes of Canada Limited, Winnipeg, Canada.**

WANTED.
Four farmers to buy 1,280 acres or 640 acres between them. Good locations. Easy terms. **D. H. McDonald & Co., Land Owners, Winnipeg, Canada.**

— FARM LAND SALESMEN WANTED.
A live representative in every town to sell choice, cheap Canadian lands. Prices $10 per acre. Write for proposition. **Scott Hill & Co., 22 Canada Life Bldg., Winnipeg, Man.**

MANITOBA Settlers wanted for our A-1 farms. Prices are low. Terms easy. Good markets, roads, water. Agents wanted. Write **OAKES-GRAY, WINNIPEG, MAN.**

MONTANA

MONTANA FARMS for sale. Write for list. **Platt & Heath Co., Helena, Montana.**

FARMS that will pay for themselves, with three average crops. Low prices. Easy terms. **W. W. Huntsberger, Great Falls, Mont.**

320 ACRE HOMESTEADS.
We can locate you on 320 acres. All plow land; rich soil, good water. R. F. D. routes, free coal and timber. Write **DAVIES REAL ESTATE CO., Billings, Montana.**

THREE DOLLARS PER ACRE DOWN
Of the purchase price, balance crop payments with interest at 6 per cent, will buy a farm in the Judit Basin. Any size tract. For further particulars, address **E. F. Cobb Land Co., Lewiston, Mont.**

FARMS in Wisconsin Genuine bargains. Improved farms for sale in every county in Wisconsin. $1,000.00 up. **Taylor County Farms a Specialty.** Thousands of acres of productive cut-over land. Good soil, on roads close to R. R. and town. $10 up. Taylor, Marinette, Clark, Rusk, Polk, Bayfield counties and others. Liberal terms on every piece offered. We have some places for trade. Our reference this paper. Write today for lists and *"Stump Facts"* **FREE**
Loeb-Hammel Realty Co., (Est. 1898) Medford, Wis. OWNERS & AGENTS, Marquette Bldg., Chicago, Ill.

TEXAS

BIG CROPS, BIG MARKETS, BIG PROFITS.
In the Houston, El Campo district of the Gulf Coast. Write us for Free Booklets, "Where Farming Pays," "Pointers on Where to Buy Land;" also "The Gulf Coast Bulletin," for six months Free. **Allison-Richey Land Co., Houston, Texas.**

NEBRASKA

Found—320 Acre homestead in settled neighborhood; fine farm land; not sand hills. Cost you $200 filing fees and all. **J. A. Tracy, Kimball, Neb.**

NEW YORK

MONEY-MAKERS READY STOCK MUST GO
226 acres, good house, silo, big barns, wagon house, ice house, 48 choice Holstein cows; pair of mules, pair of horses, wagons, harnesses, every thing. See catalog, number 1016. Price for all $12,000. Easy terms. **Hall's Farm Agency, Owego, Tioga County, N. Y.**

McBurney's New York Farms
Are the best for the least money. Come and see. **McBurney & Co., Bastable Block, Syracuse, New York.** Or, for list, write to **McBurney & Co., Fisher Bldg., Chicago, Ill.**

NORTH DAKOTA

FARMS FOR SALE in corn and alfalfa belt of North Dakota. Easy terms. Write **D. T. Owens & Co., Bismarck, N. D.**

WRITE for illustrated Blue Book describing my rich Red River Valley farms. Soil black loam. We grow corn, clover and wheat. Address **William McRoberts, Casselton, N. D.**

$3,000 CASH, balance crop payments will buy 380 acre improved farm. Will grow corn, alfalfa, potatoes and grains. Price $32.50 per acre. For full description write **Hodgson Realty Co., Fargo, N. D.**

NORTH DAKOTA LANDS DIRECT.
We have listed with us to sell several hundred thousand acres of choice North Dakota lands. To obtain settlers along our 1,200 miles of track in North Dakota we will sell these lands at cost. Prices are about one-fifth those asked in Iowa or Illinois and agricultural possibilities are just as great. Roads, schools, churches, railroads all established. For literature and particulars write **J. S. Murphy, Minneapolis, St. Paul & Sault Ste Marie Railway Co., (Soo Line) Minneapolis, Minn.**

We Make Good Cuts!
The Mail and Breeze has the most complete plant in Kansas for the making of first class half-tone engravings and zinc etchings. Particular attention given to livestock and poultry illustrations for letterheads, newspaper advertisements and catalogues. Our cuts cannot be excelled and are guaranteed satisfactory. Lowest prices consistent with good work. Write for information. **THE MAIL AND BREEZE, Topeka, Kan.**

Market in Packers' Grip

Both Cattle and Hog Prices Are Being Held Down

BY C. W. METSKER

THE prominent feature in last week's livestock market circles was the force with which the killers sat down on the price lid, both for cattle and hogs. Their bearishness was more effective in the case of hogs than with cattle. Logically hog prices should have been the highest of the season but the packers had the price situation so well in hand that shippers were afraid to operate.

The cattle market presents a rather mixed situation. Big bunches of south Texas grass fat steers sold at $7.25 to $7.65, and short fed steers sold at $7.75 up, the prime kinds going at $9 up. The season is not far enough advanced to be on a straight grass basis, and feed lot supplies are clearing with such uncertainty that the extent of the future movement is hard to determine.

Last week less than 92,000 cattle arrived at the five western markets and of this number the big killers got less than 50,000, not enough cattle to work the plants of the big killers one-fourth time.

The Southwest is the only section that can be counted on to contribute increasing supplies in the next 60 days, and they will be of the grass variety, the kind that in no way bears relation to the full fed corn belt steer. Kansas, the Panhandle and Oklahoma are in too good a shape to be marketing before the latter part of July, and the recent advance in corn will keep grain from many steers that are now on grass in the Missouri valley.

Wide Demand For Cattle.

Commission men say that demand for thin cattle is broad and that all sections of the country would buy if prices were not considered prohibitive by many, and the supply short. This general demand indicates the shortage on the one side, and the lack of a probable profit on the present basis of prices of fat cattle.

Two things must be adjusted before buying thin cattle and feeding can be made profitable. One is lower prices for thin cattle which is improbable, and lower prices for feed which is indicated by the present crop outlook. If the latter materializes, then thin cattle will be even relatively higher than at the present time. The only source of a general readjustment lies in a material increase in production of cattle. Texas is in the field as a winter feeding country, and the corn belt supply of feeding cattle has been curtailed accordingly. However many farmers in the corn belt have realized the importance of raising their own feeding cattle, and this to some extent will mitigate the shortage in the supply. Last week stock calves sold up to $8.55, stockers $8.50, feeders $8.30 and numerous sales of mature steers in the Panhandle were reported at $75 and $80 a head. Cattlemen who buy at such prices have confidence in high-priced fat cattle for the future.

Increase in Beef Prices.

The Cudahy Packing company bid $10.91 a hundred pounds to supply the beef to Fort Riley. Bids were for carcass lots, and the Cudahy bid was the lowest of a half dozen offered. Fourteen years ago Fort Riley beef cost $4.56, and seven years ago $7.50. The increase in the last fourteen years has been 150 per cent and in the last seven years nearly 50 per cent. This advance in beef is fairly representative of the advance in cattle live weight, in that period.

Persistent Dullness in Hogs.

Receipts of hogs at western markets were the smallest of the season—nearly 50,000 short of the preceding week, and 75,000 short of a year ago. This was the biggest decrease of any week this year compared with a year ago, and compared with two years ago it was a drop of nearly 50 per cent. In May, packers said, receipts of hogs would increase, and consequently they depressed late April prices to meet the increased movement. Now with diminishing supplies they say that the provision market is dull. The market is at a point now where supply seems to cut no figure as packers are determined to get May hogs at $8.30 to $8.70.

The Movement in Livestock.

The following table shows receipts of cattle, hogs and sheep at the five western markets last week, the previous week and a year ago:

	Cattle	Hogs	Sheep
Kansas City	22,100	37,650	40,575
Chicago	39,200	91,000	90,000
Omaha	13,800	48,600	37,700
St. Louis	12,100	42,500	6,050
St. Joseph	4,800	20,100	15,500
Total	92,000	239,850	189,825
Preceding week	203,125	277,400	214,700
Year ago	111,050	301,000	205,150

The following table shows the receipts of cattle, hogs and sheep in Kansas City thus far this year and the same period in 1913:

	1914	1913	Inc.	Dec.
Cattle	466,988	547,998	.....	81,010
Calves	24,395	28,244	.....	3,849
Hogs	750,513	902,782	.....	152,269
Sheep	720,617	717,064	3,553	.....
H. & M.	37,211	38,047	.....	836
Cars	31,207	38,192	.....	6,985

The following table shows a comparison in prices of best offerings of livestock at Kansas City and Chicago for this date and one year ago:

Per 100 lbs.	Cattle 1914	Cattle 1913	Hogs 1914	Hogs 1913	Sheep 1914	Sheep 1913
Chicago	$9.50	$8.90	$8.45	$8.50	$6.90	$7.50
Kan. City	9.25	8.75	8.32½	8.35	7.50	7.25

Record Lamb Prices of Season.

Wooled lambs in Kansas City sold up to $8.70 this week, the highest prices of the season. Eastern markets reported practically no unshorn fed lambs, and to get the few that came from high altitudes they added about 50 cents a hundred pounds to the previous high prices of the season. The top price in Chicago was $8.90. Stimulated by this influence other sheep were higher and the offerings were in active demand. From now on the market will be on the basis of spring lambs, shorn lambs and clipped Texas sheep. The market will show a range of about $4.50 to $8, shorn lambs selling up to $7.25 and spring lambs around $8.

Diminishing Horse Receipts.

Receipts of horses are diminishing, and the movement of mules is about nothing owing to recent dullness in the trade. Demand for good heavy horses from the East is active, though more discriminating as to quality than formerly. Dealers say that no special demand except from the East will be evident until about harvest time. They also expect little change in prices.

Big Advance in Cash Corn.

Cash corn prices last week were up 3 to 4 cents a bushel, the result of the light receipts. Corn now held is in firm hands and will bring better than 70 cents up to the beginning of the new crop. Wheat though in moderate supply was fractionally lower. The flour trade is now negotiating sales on the basis of the new crop, which is expected to be large.

The following comparison shows prices on best grades of wheat, corn and oats at Kansas City and Chicago for this date and one year ago:

	Wheat 1914	Wheat 1913	Corn 1914	Corn 1913	Oats 1914	Oats 1913
Chicago	98c	$1.03½	69½	60	39¼	39½
Kan City	89½c	97	74	60	41	37½

Kansas City Hay Quotations.

Prairie, choice	$18.00@19.00
Prairie, No. 1	16.50@18.00
Prairie, No. 2	14.00@16.00
Timothy, choice	18.00@18.50
Timothy, No. 1	17.00@17.50
Timothy, No. 2	15.00@16.50
Timothy, No. 3	13.00@14.50
Clover mixed, choice	16.50@17.00
Clover mixed, No. 1	15.50@16.00
Clover mixed, No. 2	13.50@15.00
Clover, choice	14.50@15.00
Clover, No. 1	13.50@14.00
Alfalfa, fancy	18.00
Alfalfa, choice	16.50@17.50
Alfalfa, No. 1	15.00@16.00
Alfalfa, standard	13.00@14.50
Alfalfa, No. 2	10.00@12.50
Alfalfa, No. 3	6.00@ 9.00
Straw	5.50@ 6.00
Packing hay	5.00@ 6.00

Seed and Feed Prices.

Alfalfa is quoted at $7.50@9 a cwt.; clover $9@12.50; timothy, $3.75@4.50 a cwt.; cane seed $2.70@3.25; millet seed, $1.85@2.10.

Feed prices: Kafir is quoted at $1.67@1.85 a cwt.; bran, $1.18; shorts $1.20@1.25; corn chop $1.40; rye No. 2, 62@63c a bushel; feed barley, 53½@56c.

The Broom Corn Market.

The market price for last year's broomcorn crop is about steady and determined by the warehouse dealers. Choice hurl and self working in carlots, $125@130; medium, self working, $100; common, sound, self working, $75@80.

Butter, Eggs and Poultry.

Elgin, May 11.—Butter this week is firm at 25 cents.

Kansas City, May 11.—Prices this week on produce are:

Eggs—Firsts, new white wood cases included, 18c a dozen; current receipts, 17c.

Butter—Creamery, extra, 24c a pound, firsts, 22c; seconds, 21c; packing stock, 16c.

Live Poultry—Broilers, this year's, 25@30c a pound; spring chickens, 25c; hens, No. 1, 14½c; culls, 8c; old roosters, 10c; turkeys, 15c; old ducks, 14c; geese, 5c.

Produce Prices Now and One Year Ago.
(Quotations on Best Stock.)

	Butter 1914	Butter 1913	Eggs 1914	Eggs 1913	Hens 1914	Hens 1913
Chicago	26	27½	18½	18	16	11
Kan. City	24	28	18	18½	14½	14

Putting cattle on the free list is likely to prove a serious mistake. It has helped no one but the packers; it has simply given them absolute control of the market supply at a time when what was needed to revive the industry in this country was confidence on the part of the producer—confidence that when he had spent from two to three years in fitting a steer that he would get a fair profit for his feed, time and labor. No man can have confidence in a market controlled entirely, absolutely and exclusively by the buyer in his own interest.

But a crank ceases to be a crank when he does you a good turn.

WHAT BREEDERS ARE DOING

FRANK HOWARD.
Manager Livestock Department.

FIELDMEN.

A. B. Hunter, S. W. Kansas and Oklahoma, 614 So. Water St., Wichita, Kan.
John W. Johnson, N. W. Kansas and S. Nebraska. 820 Lincoln St., Topeka, Kan.
C. H. Walker, N. E. Kansas, N. Missouri, 1326 East 37th St., Kansas City, Mo.
Ed R. Dorsey, S. E. Kansas and S. Missouri, Girard, Kans.
Jesse R. Johnson, Nebraska. Lincoln, Neb.

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.

Poland China Hogs.

Aug. 18—Joe Hemmy, Hill City, Kan.
Oct. 15—Fred G. Laptad, Lawrence, Kan.
Oct. 20—U. S. Byrne, Saxton, Mo.
Oct. 20—Joe Hemmy, Hill City, Kan.
Oct. 21—H. B. Walter, Effingham, Kan.
Oct. 22—H. C. Graner, Lancaster, Kan
Oct. 24—Wm. R. Zahn, Concord, Ill.
Oct. 28—Walter Hildwein, Fairview, Kan.
Oct. 28—Geo. S. Hamaker, Pawnee City, Neb.
Oct. 30—Prichart & Martin, Walker, Mo.
Feb. 2—John Kimmerer, Mankato, Kan.
Feb. 3—J. H. Hamilton & Son, Guide Rock, Neb.
Feb. 4—Albert Smith & Sons, Superior, Neb.
Feb. 5—H. L. Pritchett, New London, Mo.
Feb. 13—J. F. Foley, Oronoque, Kan.
Feb. 15—Joshua Morgan, Hardy, Neb.
Feb. 17—J. H. Harter, Westmoreland, Kan.
Feb. 19—A. J. Swingle, Leonardville, Kan.
Feb. 20—Hubert J. Griffith, Clay Center, Kan.
Feb. 26—W. E. Epley, Diller, Neb.

Duroc-Jersey Hogs.

Aug. 26—W. W. Otey & Sons, Winfield, Kan.
Oct 21—A. C. Buckingham and J. A. Porterfield, Jamesport, Mo.
Oct. 22—M. M. Hendricks, Falls City, Neb.
Jan. 26—Ward Bros., Republic, Kan.
Jan. 27—R. P. Wells, Formoso, Kan.
Jan. 28—Dana D. Shuck, Burr Oak, Kan.
Feb. 9—Howell Bros., Herkimer, Kan.
Feb. 25—Martin Kelly, Verdon, Neb.

Berkshire Hogs.

May 27—J. F. Bayer & Sons, Yates Center, Kan.

Jersey Cattle.

June 25—Alvey Bros., Meriden, Kan. Dispersion. Fair grounds, Topeka, Kan.
Sept. 22—H. C. Johns, Carthage, Mo.

Combination Livestock Sales.

June 1 to 6—F. S. Kirk, Mgr., Enid, Okla.
Nov. 9 to 14—F. S. Kirk, Mgr., Enid, Okla.
Jan. 4 to 10—F. S. Kirk, Mgr., Enid, Okla.
March 8 to 13—F S. Kirk, Mgr., Enid, Okla.

Percheron and Holstein Sale.

June 11—J. C. Robison, Towanda, Kan.

S. W. Kansas and Oklahoma

BY A. B. HUNTER.

Levi Eckhardt, Winfield, Kan., is pricing at reasonable figures a number of strong, well-grown Shorthorn bulls. They are ready for service and bred from milking strains but are the easy fleshing kind. Mr. Eckhardt's new crop of calves by Rosewood Dale 350654, by Avondale, are a very uniform lot of youngsters that are showing strongly the Avondale type. Thus far about 40 head of spring calves have been dropped by this sire and they are running largely to heifers. Mr. Eckhardt expects to keep the females for breeding purposes on his ranch, but the bulls will go to head good herds when old enough. Write for particulars if in need of a good young bull. Please mention Farmers Mail and Breeze.

Well Bred Fall Gilts.

C. D. Woods & Sons of Elmdale, Kan., are offering a select bunch of Duroc-Jersey fall gilts and a few fall boars. This herd contains as richly bred foundation stock as is known to the breed. Two of the herd sows are sired by J. R.'s Chief and two by J. R.'s Col. Another good sow in the herd is out of Top Notch Girl by Valley D., a Kansas grand champion in 1912. The present herd boar is Dandy Model 126503, a grandson of the great show sow Lincoln Model. Dandy Model was first prize junior boar pig at Topeka in 1911. J. R.'s Col is one of the best breeding sons of the great boar, Graduate Col., and J. R.'s Chief is by Valley Chief, by Ohio Chief. Messrs Woods have been breeding purebred Duroc-Jerseys for over four years but this is the first season they have offered breeding stock from their herd, They have been conducting the herd on a pork producing basis. The boars and gilts offered are strictly first class in breeding and individuality and are priced worth the money. If interested write Messrs. Woods and mention Farmers Mail and Breeze.

The accompanying illustration is a good likeness of Grand Leader 184800. the great young son of the grand champion, Superbus, now at the head of the Kiesler Farm Berkshire herd of Perryville, Mo. This cut was made from an untouched photograph. This boar was sired by Superbus, the American Berkshire Congress champion of 1913 and was himself a Congress winner. His dam is Hopefull Duchess 9th by Handsome Lee and is a full sister to Hopefull Lee 2d, the many times state fair grand champion. A. J. McCauley, the owner and manager, makes a specialty of mail order business and the following is a sample of the many good letters he receives after shipping out his stock. "The Oaklawn Farm, Lansing, Kan., April 19, 1914.—Mr. A. J. McCauley, Dear Sir: I received the two gilts in good shape. They seem to be thriving nicely and I believe I got value received. I have also received your letter of 4-16 inclosing certificate of registry and pedigree. Same seems satisfactory. Thanking you I remain, yours truly.—H. C. Hensley." Note the breeding stock Mr. McCauley is offering for sale and write him for further particulars and prices. If you are looking for herd improving material it is to your interest to do so.

A Great Sale at Enid, Okla.

The combination livestock sale at Enid June 2, 3, 4 and 5 will be the largest sale of purebred livestock to be held in the Central West this year. A grand total of more than 300 head of stock will be sold in four days. The sale is especially strong in good cattle, consisting of 32 Jersey cows and heifers, 115 Shorthorn females and 35 Shorthorn bulls, 15 Hereford females and 17 Hereford bulls. It is a well known fact that good female cattle are very scarce. The demand being much stronger than the supply. The farmers and breeders in the Central West will have an unexpected opportunity to buy good useful breeding cattle at this sale. All the stock to be sold are well bred, good individuals, and the kind that will make money for any farmer or breeder. While a great deal of the best blood ever imported to America is represented in this sale, and the cattle are good individuals showing their breeding, they have been grown under semi-ranch condition. Have never been overfed or crowded and are all the better for it. However, the fact that they will go to the sale in just good growing condition will likely cause them to sell at reasonable prices and every farmer in the Southwest should make an effort to attend this sale and buy enough good cattle to start a purebred herd.

Alfred & Sons' Duroc Sale.

S. W. Alfred & Sons, Enid, Okla., sold May 7, 62 head of Duroc-Jerseys for $2,298, an average of $37.07. The 40 top sows and gilts averaged right at $42. The boars were rather slow sale and the late bred gilts lowered the total average. The top of the sale was a yearling gilt by Pilot Chief's Col., bred to Tattletail's Volunteer, sold to W. W. Otey & Sons, Winfield, Kan., at $100. The following is a representative list of sales:

No.	Sows and Gilts.	
1	Chas. Peters, Enid, Okla.	$ 31.00
2	W. V. Ryan, Porter, Okla.	57.00
3	W. W. Otey & Sons, Winfield, Kan.	100.00
5	F. S. Kirk, Enid, Okla.	40.00
6	H. H. Champlain, Enid, Okla.	45.00
9	Joe Henry, Enid, Okla.	37.00
12	D. A. Axtell, Sawyer, Kan.	50.00
22	J. C. Schantz, Winfield, Kan.	38.00
23	J. W. Strader & Sons, Yukon, Okla.	36.00
25	F. P. Sylvester, Hennessey, Okla.	76.00
27	J. D. Lindeman, El Reno, Okla.	36.00
28	W. S. Boles & Sons, Enid, Okla.	36.00
31	Young Brothers, Fairmont, Okla.	36.00
33	F. P. Cline, Enid, Okla.	36.00
34	Mrs. Jerome Brooks, Enid, Okla.	38.00
38	C. E. Frost, Kremlin, Okla.	35.00
44	H. L. Burgess, Nash, Okla.	37.00
45	Hugh Jordan, Carrier, Okla.	49.00
	Boars.	
33	Hugh Jordan, Carrier, Okla.	67.00
54	B. Denker, Garber, Okla.	35.00
55	Roy Sprout, Wakomis, Okla.	20.00
56	H. M. Cooper, Marlow, Okla.	21.00
57	Phillips University, Enid, Okla.	35.00
58	Peter Smith, Breckenridge, Okla.	29.00

The Largest Live Stock Sale of the Year

Enid, Okla., June 2nd, 3rd, 4th and 5th

60 Head of Horses.—40 Head of Hogs.—218 Head of Cattle Consisting of 32 Jerseys, 155 Shorthorns and 32 Herefords.

DAILY SALE PROGRAM

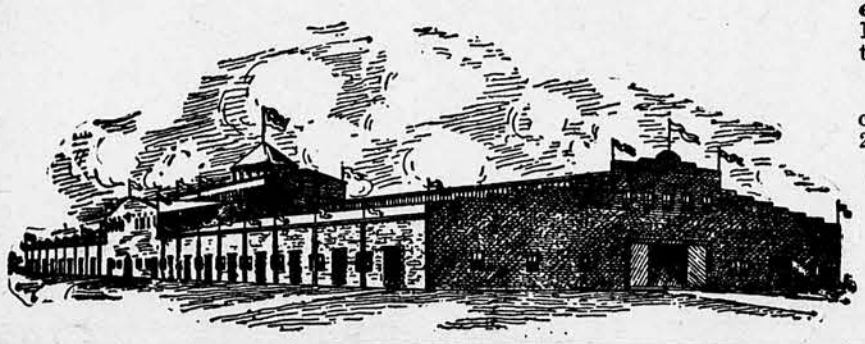
Tuesday, June 2nd

Forty head of horses, consisting of draft stallion and mares, standard bred stallion, mares and colts. Horses in training ready to show. Twenty head of big grade farm mares for work and breeding.

Wednesday, June 3rd

Dispersal Sale of Atkins Dairy Cows—Consisting of 6 registered Jersey cows, 3 registered Jersey heifers, 6 high-grade Jersey cows, 20 high-grade heifers. Every cow in this consignment is a producer of quality. All bred to registered bulls.

Forty head of Duroc-Jersey and Poland China hogs, including 30 bred sows and 10 high-class herd boars.



Thursday, June 4th

Dispersal Sale of Frank Rockefeller's Cattle, 75 Shorthorn Females, 15 Shorthorn Bulls.—In selecting his foundation stock Mr. Rockefeller bought the best that money could buy, paying from One to Five Thousand Dollars for Cows and as high as Ten Thousand Dollars for a single bull. A large per cent of the bulls used in recent years were Double Standard Polled Scotch Bulls. These cattle have been grown under semi-ranch condition, they will come to the sale from the pasture not pampered or fatted, and no doubt will sell at reasonable prices within the reach of every farmer and breeder.

Friday, June 5th

Dispersal sale of Frank Rockefeller Continued—40 Shorthorn Females, 20 Shorthorn Bulls, 15 Hereford Females. 17 Hereford Bulls. No better blood lines can be found than we will sell in this sale. The Herd Bull, Columbus Busybody, is one of the greatest Hereford Bulls that ever lived. All the Shorthorn and Hereford cattle in this sale except nine Shorthorn and two Herefords are consigned by Mr. Rockefeller. The catalog will give you the Blood Lines and description and will be mailed free on request.

A. & M. COLLEGE OF STILLWATER, OKLA.
consigns 4 stallions, 1 Berkshire boar, 4 Duroc gilts, 1 Poland gilt, 2 Jersey bulls, 2 Jersey cows and 1 heifer.

Big Banquet For Stockmen

The Retail Merchants of Enid will give a banquet for all stockmen Wednesday evening, June 3. You are invited. Come for business and have a good time with us. Write today for catalog.

F. S. KIRK, Sales Mgr. Enid, Okla.

N. W. Kansas and S. Nebraska

BY JOHN W. JOHNSON.

J. H. Harter, Westmoreland, Kan., has for sale some September boars sired by Long King, by Long King's Equal. A few of them by old Mogul's Monarch. All are out of big, mature dams. Write him for prices.

Auld Brothers, Frankfort, Kan., are well known breeders of Red Polled cattle and their herd numbers almost 100 head at the present time. They are old timers in the business in Marshall county and will be good people to write to, if you need a good young bull, or cows and heifers. Mention this notice in Farmers Mail and Breeze when you write them.

A letter from Joe Hemmy, Hill City, Kan., states that they have lots of rain in Graham county and that crops of all kinds are looking fine. Mr. Hemmy writes that he has almost 100 spring pigs that are coming along fine. He has claimed August 18 as the date of his bred sow and gilt sale. At that time he will sell a draft of bred sows and gilts that will be bred to his two A Wonder herd boars for September farrow. Keep this sale in mind. We also note by Mr. Hemmy's card, which he inclosed, that he is a candidate for county treasurer in Graham county.

Edward Welter, Flush, Kan., has a splendid lot of Poland China pigs of March and April farrow. He will be able to supply his customers with boars this fall as usual. At the head of his herd is Kansas Metal, by old Gold Metal. His herd sows are an attractive lot of young sows that have been bought and reserved for this herd. Remember to write Mr. Welter this fall when you need a boar.

N. E. Copeland, Waterville, Kan., has 80 very promising spring pigs. One litter by King of Kansas, out of the $101 top in J. L. Griffith's February sale, is very promising and Mr. Copeland is very proud of them. He also has a litter of line bred Expansion pigs out of a sow he bought two years ago from H. B. Walter. The pigs were sired by Major, his own herd boar. He is offering a few good fall boars for immediate sale at attractive prices.

S. B. Tilly of Irving, Kan., breeds Hereford cattle and Poland China hogs. He has a nice lot of young heifers and a few choice young bulls for sale. Marshall county has long been recognized as a Hereford center and at one time had a Hereford breeders' association. If you are in the market for some young Herefords, you better write Mr. Tilly for descriptions and prices. Mention this notice in Farmers Mail and Breeze when you write.

Glen Keesecker of Washington, Kan., is a prosperous young farmer and Duroc-Jersey breeder the writer visited last week. Mr. Keesecker and his family spent last year at Palisade, Colo., where they own a nice fruit farm. Raising peaches was too slow for Glen Keesecker so he rented his fruit farm and came back to his nice Washington county farm, starting in the Duroc-Jersey business again. He has 50 early spring pigs, the best lot he ever raised and as good as we have seen this spring. He bought two bred gilts in the Howell Brothers bred sow sale at Herkimer; one farrowed 14 pigs, and the other 11 pigs. Each is raising a good litter and they are coming along nicely. All of his pigs are in a thrifty, fine growing condition and promise trouble for other Duroc-Jersey breeders who show in the Washington county stock show this fall.

A. L. Albright, Waterville, Kan., is a Poland China breeder well known to Farmers Mail and Breeze readers and one the writer always likes to visit. Last week we visited his nice, well kept farm on which we found over 100 March and April pigs and a nice lot of summer and fall boars and gilts. The spring pigs are by Sterling, by Brookside, by Major Hadley, bred by Adam Ashbaker, Mt. Sterling, Ill. He is 1 year old and a showy fellow and well bred, and the spring pigs by him indicate his ability as a sire. The balance of the spring pigs are by Tom, by Tom Jr., by Big Tom. The fall and winter boars and gilts that are for sale are by Kavett's Mastiff, by King Mastiff. He is also offering for sale a few bred gilts due to farrow in July and August. Look up his advertisement in Farmers Mail and Breeze and write him for prices and descriptions.

Samuelson Brothers, Cleburne, Kan.

Samuelson Brothers, Cleburne, Kan., are extensive breeders of Duroc-Jerseys and their spring crop numbers 240 March and April pigs. They are by Worthy Chief, by Belle's Chief 2d; Cherry Top, by Cherry Col., by Tippy Col.; and Crimson King, by Crimson Lad, by Critic's Best. The herd sows are the big, motherly kind that raise big litters and are bought and reserved with care. Samuelson Brothers are not strangers to Farmers Mail and Breeze readers. They have held many successful sales in the past and will hold a big bred sow sale again next winter which will be advertised in this paper.

Noffsinger's Shorthorns.

L. M. Noffsinger, Osborne, Kan., has a few Shorthorn bulls ranging in ages from 10 to 14 months old; also a few heifers ranging in ages from 1 year up to 2 years. Those familiar with Mr. Noffsinger's herd know it as one of the strongest herds in central Kansas. The stock offered consists of roans and reds and are splendid individuals. Mr. Noffsinger owns a fine farm a few miles out from Osborne and is a big hearted, kindly man who enjoys visitors and delights in showing them his splendid Shorthorn herd. You will enjoy your visit at Noffsinger's, if you like Shorthorns. Look up his advertisement in Farmers Mail and Breeze.

Lobough's Polands.

A. C. Lobough, Washington, Kan., well known breeder of Poland Chinas, has 70 spring pigs and about 30 of the finest last fall gilts we have seen. The spring pigs are by Orange Lad, by old Big Orange, and some of them by a good son of L.'s Mastiff, the great breeding boar that was for a long time at the head of Mr. Lobough's herd. The 30 fall gilts are by L.'s Mastiff. A few of them will be bred to order for customers writing him soon, but most of them will be reserved for his bred sow sale in January. He also has two extra good September boars by old L.'s Mastiff on which he will make reasonable prices.

Gookin's Improved Chester Whites.

F. C. Gookin, Russell, Kan., is the O. I. C. breeder who sells his stock over several states and gets flattering letters from pleased customers almost every week. He has something for sale at all times and will soon have a nice lot of spring pigs ready to ship at weaning time at attractive prices. In fact he has some ready to ship now and will be pleased to hear from you with an order to ship now or later. At present he has 64 pigs and their dams hold the record for big litters. Mr. Gookin is a careful, painstaking breeder and you can depend on him doing the square thing if you give him your order. He has built up a nice business and has done it by square dealing. Write him for further information.

Good Fall Boars.

Dana D. Shuck, Burr Oak, Kan., is offering 15 fall boars (immune) sired by Crimson Burr, his well known herd boar, which is a grandson of the famous show boar Crimson Wonder 3d. He wants to move them

LIVESTOCK AUCTIONEERS.

W. C. CURPHEY, Salina, Kansas
Write, phone or wire for dates. Address as above.

BOYD NEWCOM Wichita, Kansas. Livestock and Real Estate Auctioneer. Write, wire or phone for date

Spencer Young, Osborne, Kan.
Livestock Auctioneer. Write for dates.

D. F. Perkins, Concordia, Kan. Livestock Auctioneer
Write, wire or phone for dates.

JESSE HOWELL Herkimer, Kan. Livestock Auctioneer
Write or phone for dates.

J. P. Oliver Newton, Kan. Livestock and Real Estate Auctioneer. My 20 years experience insures better results.

W. B. Carpenter Livestock Auctioneer
1400 Grand, KANSAS CITY. Also Land Salesman

B. O. BROADIE Livestock Auctioneer
Satisfaction guaranteed Winfield, Kas. Write or phone for dates

FRANK J. ZAUN
FINE STOCK AUCTIONEER. INDEPENDENCE, MO.
"Get Zaun. He Knows How." Bell Phone 675 Ind.

JAS. W. SPARKS Live Stock Auctioneer
MARSHALL, MO.

L. R. BRADY Manhattan, Kansas. Livestock Auctioneer
Write or wire for dates.

Will Myers Beloit, Kan. Is already booked on leading breeders' sales in Central Kan. Choice dates still open. Write or wire.

W. A. Fisher, White City, Kan.
Livestock Auctioneer. Write or Phone for dates.

LEARN TO BE AN AUCTIONEER National Auctioneering School of America Box 39, Lincoln, Neb.

Be an Auctioneer

Travel over the country and make big money. No other profession can be learned so quickly, that will pay as big wages. Write today for short crop, one-half price on Home Study Course.

MISSOURI AUCTION SCHOOL
Largest in the World. W. B. Carpenter, Pres
1400-04 Grand Ave., Kansas City, Mo.

JACKS AND JENNETS.

Jacks and Jennets

25 head of Black Jacks from 14½ to 16 hands coming 3 to 6 years old; all stock guaranteed, as represented when sold. Also some good jennets.

PHIL WALKER
Moline, Elk County, Kansas.

PUREBRED HORSES.

Excelsior Shetland Pony Farm

Registered and High Grade Ponies for Sale
W. H. Fulcomer
Belleville, Kan.

STALLIONS FOR SALE
One high class, gaited saddler, coming three-years-old, with size, style and speed. Saddle and harness broke. Also two black Percherons, 4 and 5 years old. All registered and sound.
E. E. CARVER & SON, GUILFORD, MISSOURI.

German Coach
70—Horses—70
The great general purpose horse. Satisfaction guaranteed. Write or call.
J. C. BERGNER & SONS, Pratt, Ks.

DAIRY CATTLE.

HOLSTEIN BULLS Registered, ready for service; also springing high grade heifers for sale.
Springdale Stock Ranch, Concordia, Kan.

HOLSTEINS —CHOICE BULL CALVES
H. B. COWLES, TOPEKA, KANSAS.

HIGGINBOTHAM'S HOLSTEINS
60 head of cows and heifers—registered and high grade. Also a few registered and high grade bull calves.
HIGGINBOTHAM BROS., ROSSVILLE, KANSAS

For Sale: Two high grade Guernsey cows, fresh soon; one high grade Guernsey bull 6 months old and one registered Guernsey bull coming 2 years old. Write for description and prices.
E. G. L. HARBOUR, BALDWIN, KANSAS

LINSCOTT JERSEYS
Only Register of Merit herd in Kansas. Choice heifers and cows at $100.00 and up. Bulls $50.00 to $150.00. Breeding and individual quality the very best obtainable. R. J. LINSCOTT, Holton, Kansas

Oak Hill Holsteins
Bulls ready for spring service by Shadybrook Gerben Sir Korndyke out of A. R. O. dams. All tuberculin tested. Absolute satisfaction guaranteed. State your wants fully in first letter—I can fill them.
BEN SCHNEIDER, NORTONVILLE, KAS.

Fancy Grade Holstein Cows
2 to 6 years old, all tested and guaranteed sound, good udders and good teats. They are large, often weighing 1,700 pounds. There is no better market for the Kansas crops than the dairy route. In no other way can the present high priced feed be turned into as much profit as by the Holstein cow. A good feeder and a conscientious milker. Write or call.
W. G. MERRITT & SON, GREAT BEND, KAN.

SOMMER--BLADS GUERNSEYS!
TUBERCULIN TESTED.
Headed by Goodwills, Raymond of the Preel, son of Imp. Raymond of the Preel. Grade and registered females for sale, also registered bulls.
ERNEST KENYON, Nortonville, Kansas

HEREFORDS.

Registered Hereford Bulls
Car load of twos and threes; car load averaging 20 months, all registered and best of breeding. In fine condition. Sell you one or a car load or more. Price very reasonable. Mr. Farmer or Ranchman, these are the sort you need. Come and look them over.
SAMUEL DRYBREAD, ELK CITY, KANSAS

ABERDEEN-ANGUS.

ANGUS CATTLE A select lot of ready-for-service bulls for sale, best breeding and right individually. W. G. DENTON, Denton, Kansas

Angus Bulls and Heifers SUTTON FARM
Have 30 splendid heifers and 30 extra good bulls priced to sell. Write us today.
SUTTON & PORTEOUS, R. 6, Lawrence, Kan.

SHORTHORNS.

SHORTHORN BULLS
Fashionably bred young bulls, by Roan King and Refiner, two Wisconsin bred sires and out of milking strain dams. They are the kind that make good for both dairy and beef. Levi Eckhardt, Winfield, Kan.

Cedar Lawn SHORTHORNS
A fine lot of Scotch and Scotch Topped bulls ranging in ages from 8 to 15 months. Priced low considering quality and breeding.
Also my two-year-old, Big Orange, herd boar at a bargain.
S. B. AMCOATS, Clay Center, Kan.

Shorthorn Cattle
A few good cows for sale, safe in calf to herd bull Baron Cumberland. Four nice young bulls, one red, two roans, one white. The white one, a real herd bull. Ask for his breeding. We made 1,000 pounds of butter from herd in 1913.
DR. W. C. HARKEY, LENEXA, KAN.

Shorthorn Bulls
6 bulls from 10 to 14 months old. Also 6 heifers from 1 to 2 years old. Got by pure Scotch sires. A grand lot. Prices reasonable.
L. M. Noffsinger, Osborne, Kan.

Pearl Herd of Shorthorns
15 young bulls 8 to 13 months old. Either Scotch or Scotch Topped breeding. Well grown and in good growing condition. Can ship via Rock Island, Santa Fe or Union Pacific. Write for prices and descriptions. Address
C. W. TAYLOR
ABILENE : : KANSAS

POLLED DURHAMS.

Sleepy Hollow Polled Durham Cattle
12 good bulls coming 1 year old, bred cows and heifers for sale. Also a number of good jacks. C. M. HOWARD, Hammond, Kansas.

HEREFORDS.

REGISTERED HEREFORDS For Sale
Two year old double standard polled bull; eighteen bred horned cows; polled and horned yearling bulls.
JOHN M. LEWIS, LARNED, KANSAS.

Clover Herd Herefords
Headed by Garfield 4th, by Columbus 53rd. Choice cows from Funkhouser, Sunny Slope, Newman and other noted herds.
FOR SALE—Bulls from 6 to 12 months old, at $75 to $100. Also 15 extra good 3-year-old cows, by Garfield 4th, all bred to calve in spring.
F. S. Jackson, Topeka, Kansas

Part from 2400-lb. imported sire and part from 2200-lb. imported sire and imported dams, my 2, 3 and 4-year-old registered Percheron stallions would prove valuable breeders for you. With all their weight and bone they are dressy and straight sound. This is some of the most substantial and most attractive Percheron breeding material in the world. Farm-raised and offered at farmers' prices. Fast trains direct from Kansas City and St. Joe.

FRED CHANDLER, Route 7, CHARITON, IOWA

Johnson's Shetland Pony Farm
Write me regarding Shetland Ponies. I have for sale 40 to 50 head of fine ones, spring colts, yearlings, coming two and matured stock. Registered mares or stallions. My herd runs strong to spotted, black and white, and I have Nebraska State Fair winners. Let the children have a pony. My prices are reasonable and every pony is guaranteed as represented. Write me now while I have a fine offering of spring colts on hand.
H. H. JOHNSON, CLAY CENTER, NEBRASKA.

LOOKABAUGH'S SHORTHORNS

High class Herd Bulls, close to Imported Scotch Dams, and sired by such sires as Lavender Lord by Avondale. Nicely bred young heifers from milking strains. Rugged young bulls, the Farmer and Stockman's kind; cows with calf at foot and rebred.

This splendid array of Foundation Shorthorns carry the Best Blood of the Best Families and the Most Noted Sires of the Breed.

I want to sell during the next six weeks $10,000 worth of Shorthorns. Six or nine months' time if desired. What we want is your trial order. Young heifers and bulls at $75, $100 and up.

THE FARMER'S COW The Shorthorn cow is the farmer's cow because she is best adapted to farm needs. She has been bred for milking purposes generation after generation and will furnish milk for her calf with a surplus to spare to make butter for the family, milk for the table and some for the pigs. Her calf has inherited a tendency to supplement this milk diet with the rough and waste feeds of the farm and the sum total for milk and beef in net gain to the farmer is more than is produced by any other than Shorthorns.

CALL ON OR WRITE
H. C. LOOKABAUGH, Watonga, Okla.

MULE FOOT HOGS.

"Mule Footed Hogs"
The coming hogs of America. Hardy, good rustlers. Pigs 10 to 16 weeks old $30 per pair. Circular free.
J. B. DICK, LABETTE, KANSAS

HAMPSHIRES.

Registered Hampshires Spring boars and gilts priced to sell. Every hog properly vaccinated. C. E. LOWRY, OXFORD, KANSAS

FOR SALE A fine lot of Hampshire weanling pigs. Trios not akin.
E. G. L. HARBOUR, BALDWIN, KANSAS

Pure Bred Hampshires
Some extra choice, immuned, fall pigs, both sexes, not related. ALVIN LONG, Lyons, Kansas

SPECIAL PRICES on Pedigreed young Hampshire boars, bred sows and gilts. Call on or write,
J. F. PRICE, Medora, Kan.

SUNNY SLOPE FARM
HAMPSHIRES
Pigs now ready to ship. $20 each or 3 for $50. If you say they are not worth the money, I will try my level best to adjust the difference. If you know a fairer way to sell hogs, tell me and I will sell your way.
FRANK H. PARKS, Olathe, Kansas

O. I. C. HOGS.

O. I. C. PIGS. LARGE TYPE. Pairs, $15.00. Harry W. Haynes, Meriden, Kansas.

Tried Sows and bred gilts, also registered boar. Henry Kamping, Elsmore, Kansas.

O.I.C. Pigs Spring farrow. Priced to sell. ROY S. ENRIGHT, BURNS, KS.

O. I. C. Fall Boars and Gilts A nice bunch to select from. Also booking orders for spring pigs, both sexes. F. C. Gookin, Russell, Kan.

O.I.C.'s Bred sows and gilts, fall and spring pigs in pairs and trios no kin. SEED CORN: Reid's Dent and Cartner varieties, $2.50 per bu. shelled. Also eggs for setting S. C. R. I. Reds $1 per setting, $5 per 100. JOHN H. NEEF, Boonville, Missouri

Grandview Stock Farm
Herd headed by O. K. Wonder. Choice O. I. C. May boars. January and May gilts bred or open. Priced for quick sale.
ANDREW KOSAR, DELPHOS, KANSAS.

Edgewood O. I. C's. Booking orders for spring pigs by Progressor 2865, Tonganoxie Chief 3107, Burr Oak Model 3290, Bell Metal 3100, Herd Improver 25433, Orange Blossom 3636. Pairs and trios no kin. Henry Murr, Tonganoxie, Kans.

URIEDALE HERD O. I. C.'S
URIE BOY by Don Magna, out of a litter of 24, heads the herd. The most unique hog plant in the country. Size, prolificness, quality and cleanliness. Sows of best breeding. Booking orders now for spring pigs at weaning time. W. T. URIE, BOX 93, INDEPENDENCE, MISSOURI.

400 CHESTER WHITE PIGS ON MAPLE LAWN STOCK FARM 400

They are sired by Illinois Protection 22283, Maple Lawn Prince 24513 and many other noted boars. We sell our best pigs delivered anywhere in the United States at $25 each or $45 a pair. Shipped on approval, CASH to accompany EACH ORDER. We pay express.
EDWARD ROSS & SON, White Hall, Illinois.

BERKSHIRES.

BUY BERKSHIRES FROM BAYERS. They sell SHORTHORN BULLS too
J. T. Bayer & Sons, Yates Center, Kan.

Walnut Breeding Farm
BERKSHIRE boars and gilts, spring farrow, grandsons of Barron Duke 50th, Big Crusader and Masterpiece 77000 and out of Lord Premier sows, also an imported bred outstanding 2-year-old boar and a few good Hereford bull calves. Leon Waite, Winfield, Ks.

Special Offering
Sutton Farm Berkshires
200 head for sale, 40 boars, 30 gilts, 30 bred sows, 100 fancy fall pigs, at attractive prices.
SUTTON FARM LAWRENCE KANSAS

KIESLER FARM BERKSHIRES
Herd headed by Grand Leader by the champion, Superbus; Rivaleer and Starlight Premier 6th. Fall boars, fall gilts, bred or open and spring pigs—the kind that were good enough to win at the International and Berkshire Congress. Herd immune, correspondence a pleasure, prices reasonable.
A. J. McCAULEY, Prop., PERRYVILLE, MO.

Hog Cholera Preventive
Farmers save your hogs. Our serum is sure and inexpensive. Send for descriptive circular, explaining method and cost. Price 1½ per cc. PIONEER SERUM CO., Central and Water Sts., K. C., Kan.

quick and is pricing them at $20 each in order to do so. Many of them are really herd header material and Mr. Shuck will be glad to pick you out a good prospect and ship him to you at $20. You can grow him out and this fall you will have a boar that will cost you, if you buy him then, $50 at least. These boars are out of big, mature dams and have been well grown. Mr. Shuck has close to 100 spring pigs, most of them are of March farrow. He has claimed January 28 as the date of his bred sow sale. Mr. Shuck is a member of the Jewell County Breeders' association and one of its active members. His advertisement appears regularly in the Jewell county breeders' section. If you can use a good herd boar prospect at $20, write him at once.

Well Known Hog Breeders.

Breeders will remember "Ben" Swank who was associated with Mr. Court Thomas of Waterville, Kan., several years ago in the hog business. Since that time Mr. Swank has bought a fine half section farm near Blue Rapids, Kan., and he and his three sons have been in the Poland China and Duroc-Jersey breeding business. Mr. Swank grew up in the purebred hog business and the same is true of his three sons who are now associated with him. Each herd is handled as carefully as if they were breeding only the one breed. The writer visited the herds last week and enjoyed a pleasant and profitable visit with this family of intelligent and progressive stockmen and farmers. They have at the present time 125 head (counting both breeds) of spring pigs and they are certainly a fine lot. Our attention was called particularly to a Poland China litter of seven sired by King of Kansas, J. L. Griffith's great breeding boar. They are the best we have seen this season. But all of the spring pigs were extra good, both Durocs and Polands.

Model Wonder Boars.

O. R. Strauss of Milford, Kan., is one of the Poland China breeders visited last week. Mr. Strauss' herd, while not one of the largest, is one of the very best herds in central Kansas. At the head of his herd is Model Wonder, a 3-year-old boar. He is sired by C Wonder, by B Wonder, tracing to A Wonder, and bred by T. T. Langford, Jamesport, Mo. He is an outstanding individual, having great scale and is as smooth as a ribbon. He will weigh around 800 pounds in very ordinary flesh and is one of the best boars we know of. As a sire he is giving perfect satisfaction. To prove his worth as a sire, Mr. Strauss showed us 12 September boars sired by him, out of his best sows, that are real herd boar prospects. These boars are for sale and are advertised in the Poland China section of Farmers Mail and Breeze. If you are looking for something real good write him for prices. Mr. Strauss is a careful and painstaking breeder and has made good selections in buying. His crop of spring pigs is not large but they are good and are receiving the best of attention. Write him for prices on a September boar sired by Model Wonder and if you let him send you any one of them you will be more than pleased.

Attractive Bred Gilt Offering.

James Arkell, Junction City, Kan., starts an advertisement in this issue of Farmers Mail and Breeze and is offering for sale 15 September and October gilts bred to Longfellow Again, for September farrow. Ht is also offering a few very choice boars of the same age. The gilts are by Pan Look, a boar of the best of big type breeding, and by First Quality by Blue Valley's Quality. They are as attractive a lot of young sows as we have seen in a long time. They will weigh around 200 pounds and have the smoothness and quality with the size that makes them exceptionally good brood sow prospects. They will be bred to Longfellow Again for September farrow and sold at very reasonable prices. It's your chance if you need a few young sows that will add strength to your herd. Longfellow Again is a year old June 10. He was sired by Longfellow Jr. and his dam was Crow's Special. Mr. Arkell bought him of George W. Sefrit, Lucas, Iowa. He is the making of an 800-pound hog or better. He has strong eight-inch bone now and is a big, showy fellow that will go on and make good at the head of this herd. Mr. Arkell is not a stranger to Farmers Mail and Breeze readers. His farm is about 12 miles north and west of Junction City, near Alida, which is a small station only about two miles from Mr. Arkell's farm. We enjoyed a nice visit and a nice dinner at the Arkell home last week. If you can use a few gilts at reasonable prices, that will add strength to your herd and that are bred for September farrow to a great young sire, you better write Mr. Arkell for descriptions and prices. The young boars are equally as good. Mention Farmers Mail and Breeze when you write.

Well Known Exhibitors.

Thompson Brothers, Garrison, Kan., are well known breeders and showmen of Duroc-Jerseys. For the past several years they have shown at the Nebraska State Fair and at the two Kansas fairs at Topeka and Hutchinson. They have always made creditable exhibits and secured recognition in the form of plenty of prizes and much favorable comment on their Duroc-Jerseys. This season they have 154 early spring pigs and many of them are of the last of February and first of March farrow. About 100 of them are by their great breeding boar Select Chief, a 2-year-old, that will be in their show herd this year. He was sired by Chief Select, a recognized outstanding sire of Iowa. His dam was by Model Chief Again. Both as an individual and as a breeder he is great. Col. Harris is a favorite with those who have had an opportunity to judge and is the sire of practically all of the balance of this spring's pigs. He is the sire of two May 30 boars that are outstanding. One of them the Thompsons have decided to show this fall and reserve in their own herd. The other they will sell. There is very little difference in the two boars, if any. They will weigh about 390 each at the present time in ordinary flesh and are plumb good ones. If you are interested, you better write for descriptions and prices. It is the best opportunity to buy a high class boar we know of at the present time. Their dam is Mary's daughter, who is the dam of their grand champion aged sow at the fairs last year. She is raising another spring litter that is simply great. Get in touch with the Thompsons at Garrison, Kan., if you are interested in the good ones. Mention Farmers Mail and Breeze when you write them.

Bayer's Big Bone Berkshire

Sale at the New York Valley Stock Farm Near

Yates Center, Kan.

Wednesday, May 27, 1914

At 10 A. M.

We Will Sell FIFTY Strictly High Class Berkshires

Ten fall males (corking good ones). Ten fall gilts (no better anywhere). All sired by Bayer's Beacon 171707 and Ideal Centerpiece 178545.

Six of New York Valley's private brood sows. Six of our best bred gilts; these 12 are safe in pig.

Eighteen of the best early farrow on the New York Valley breeding farm of 1914.

REMARKS:—Send for tabulated Catalog of this sale. Come if you are interested in breeding stock. If you can't be with us send bids to Ed R. Dorsey in my care.

J.T.BAYER & SONS, Yates Center, Ks.

P. S.—We meet at the Woodson Hotel. Autos to bring you to the New York Valley Stock Farm sale by 10 a. m.

DUROC-JERSEYS.

TWO HERD BOARS Fall pigs; also booking orders for summer gilts bred and spring pigs at weaning time. E. C. Watson, Altoona, Kan.

BARGAINS IN DUROCS!
A number of select well-bred fall gilts. Also three extra good boars. Prices $15 to $20.
C. D. WOOD & SON, ELMDALE, KANSAS

McCARTHY'S DUROCS
Handsome fall pigs, either sex. Champion blood on both sides. Priced for quick sale. They will please you. Daniel McCarthy, Newton, Kan.

DUROC BOARS
I have that boar you need For Service Now. Bred right, made right, priced right and guaranteed. Write me today and get your choice.
HAROLD P. WOOD, ELMDALE KANSAS

COLONEL WONDER
the Mo. champion heads herd. 100 spring pigs at $15 each. Will pay express on all orders booked by May 1. Also bred gilts and last spring boars. CHAS. L. TAYLOR, Olean, Mo.

Smith's Durocs Fashionably bred boars, including grandsons of the great Graduate Col., and a herd-heading son of the champion, Tatarrax. Also spring boars. J. R. SMITH, NEWTON, KANSAS

QUIVERA HERD DUROCS
Am now receiving orders for spring pigs. I have some nice things to offer in the way of bred gilts. Everything immune and priced to sell.
E. G. MUNSELL, Route 4, Herington, Kansas

Maplewood Durocs
The tops from twenty September males at $20.00 to $25.00. Write quick if you want one.
W. H. Mott, Herington, Kan.

"Red, White and Blue" Duroc Herd
I am offering high class gilts bred for August farrow. Also high class service boars. Booking orders for weaned pigs from my American Royal winning brood sows. Pigs sired by "Firestone", my Champion boar. James L. Taylor, Olean, Miller Co., Mo.

An Extra Good Duroc Boar
By Golden Model 3rd 117887. Also good fall boars sired by Country Gentleman 132541 and Village Farm Chief 142537, bred good enough for anybody. All guaranteed immune and priced worth the money. Call or write today. W. R. HUSTON, Americus, Kan.

GOOD E. NUFF AGAIN KING 35203
The sensational Grand Champion of Kansas State Fair 1913 heads our great herd. Sale average March 11, $62.12. 40 great sows and gilts for sale. Prices right. W. W. OTEY & SONS, WINFIELD, KANS.
"The men with the guarantee."

Guaranteed Immune Duroc Sows
Duroc-Jersey bred gilts for sale, guaranteed, immune and in farrow. I ship on approval. No money down before inspection.
F. C. CROCKER, FILLEY, NEBRASKA

DUROC-JERSEYS.

Immune Fall Boars and Gilts
Best of Duroc-Jersey breeding, with size and quality. Choice from large litters. Priced for quick sale. G. M. SHEPHERD, Lyons, Kansas

TATARRAX HERD DUROCS
Choice September and October boars by the Grand Champion Tatarrax and G. M's. Tat. Col., at reasonable prices. Tatarrax Herd.
C. L. BUSKIRK, Mgr., NEWTON, KANSAS

25 DUROC JERSEY SOWS AND GILTS
Bred for May and June farrow. Choice young boars ready for service. My prices will sell them. Write for full descriptions and prices. Also three choice Red Poll bulls. Also cows and heifers.
GEO. W. SCHWAB, CLAY CENTER, NEB.

Bonnie View Durocs
Some choice fall pigs for sale. They are sired by Grand Champion Tat-A-Walla and S. & C's. Col.
Searle & Cottle, Berryton, Kansas.

BANCROFT'S PEDIGREED DUROCS
We hold no public sales, nothing but the best offered as breeding stock. Choice September boars; open gilts bred to order for September farrow. Spring pigs, pairs or trios not akin, about May 1st. Customers in 12 states satisfied. Describe what you want, we have it.
D. O. BANCROFT, OSBORNE, KANSAS.

Hillcrest Durocs
15 extra choice October boars for sale. Out of mature dams and sired Taylor's Model Chief 126455. I will sell you a fine pig at a fair price.
E. N. Farnham, Hope, Kan.

RED POLLED CATTLE.

FOSTER'S RED POLLED CATTLE Write for prices on breeding cattle.
C. E. FOSTER, R. R. 4, Eldorado, Kansas.

Red Polled Cattle Choice young bulls under 10 months for sale. Best of breeding. Write, or better come and see.
CHAS. MORRISON & SON, Phillipsburg, Ks.

RED POLLED CATTLE

Choice Young Bulls. Several good enough to head good herds—heavy boned, broad headed, breedy kind. Show prospects. Also a few cows and heifers. Visitors welcome. Call or write.
I. W. POULTON, Medora, Reno Co., Kan.

POLAND CHINAS.

ATTRACTIVE PRICES ON BOARS. Poland China fall boars—Iowa breeding. Good individuals, priced low to make room. Rock Island and Burlington shipping points. J. F. Foley, Oronoque, Kan.

Sunny Side Poland Chinas Pigs of September, 1913, farrow for sale. Have sold all my spring boars and bred sows. J. G. BURT, Solomon, Kansas.

WE ARE BOOKING ORDERS for pigs by the blue ribbon boar, King Blain, Jr., the reserve champion King John and grand champion King Hadley. W. Z. BAKER, RICH HILL, MISSOURI

A Few Gilts Bred for June Farrow Also a lot of open fall gilts and a nice lot of fall and winter boars. Buy them now; grow them yourself for next fall service. A. L. ALBRIGHT, Waterville, Kan.

Lockridge's Mammoth Polands Booking orders now for pigs to be shipped at weaning time, sired by A Wonder, Hercules, Pawnee Price and Long King's Model. Also a few older boars and gilts. WILL G. LOCKRIDGE, FAYETTE, MO.

Poland China Bred Gilts 15 September gilts bred for September farrow for sale. Also a few choice boars of same age. Popular big type breeding. Gilts $25 to $35. Boars $20 to $25. JAS. ARKELL, Route 4, JUNCTION CITY, KANSAS

25 BOARS and GILTS Of August and September farrow. Sired by Bell Metal Again and Chief Price. Out of my big, mature sows. Prices right to move them quick. L. E. KLEIN, ZEANDALE, KANSAS.

Big Orange Again & Gritter's Surprise boars of September farrow, for sale. They are out of my largest and best sows—and are immuned from cholera. A. J. SWINGLE, LEONARDVILLE, KAN.

Having Decided Not to Show Poland Chinas this fall, it leaves me with a number of good ones for sale. Whether you desire to show or not here is a good place to get in on some of the right sort. JOHN COLAW, BUFFALO, KANSAS

Model Wonder Sept. Boars 12 September boars, sired by Model Wonder, out of big mature dams. Great values at $20 to $25, with two or three at $35. Write now for further information. O. R. STRAUSS, MILFORD, KANSAS.

ENOS BIG POLANDS Boars and gilts of August, 1913, farrow sired by the noted Orphan Chief and out of A Wonder's Equal and Knox-All-Hadley dams. Write today. A. R. ENOS, RAMONA, KANSAS

LARGE WITH PLENTY of QUALITY Handsome young boars, gilts bred or open. Best of large type blood lines. Some boars, herd headers. Satisfaction guaranteed on all breeding stock. Olivier & Sons, Danville, Kan.

FANCY LARGE TYPE POLANDS Herd boars U Wonder by A Wonder and Orange Lad, by Big Orange. Fancy fall boars and a few good sows and gilts by U Wonder and bred to Orange Lad. Priced for quick sale. THURSTON & WOOD, Elmdale, Kansas.

MT. TABOR HERD POLANDS Poland China gilts to farrow in May and June for sale. Also fall and yearling boars. I will sell my herd boar, Big Mogal. Write for prices and descriptions. J. D. WILLFOUNG, ZEANDALE, KAN.

J.L.GRIFFITHS, Riley, Ks. offers top September Poland China boars at reasonable prices, out of mature sows. Everything immune. Address as above.

Poland Chinas That Please! Fall boars suitable for both breeder and farmer. Orders booked for spring pigs to be shipped at weaning time. Prices right. P. L. WARE & SON, PAOLA, KANSAS

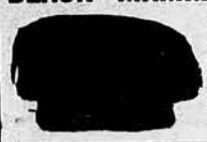
Big Type Poland China Pigs By either of the following herd boars: Futurity Mc, John B. Hadley, (1st prize winner at American Royal), Black Big Bone, Long Prince, Great Jumbo, and Dollar Mark. Your choice at weaning time at $25 delivered. We pay express. WAY & HAIRGROVE, Jacksonville, Ill.

THIRTY DAY SPECIAL OFFER on 50 head of choice pigs out of my Peter Mouw herd sows; $20 each. Every one is fully guaranteed and shipped on approval. Howard Zahn, 126 Pine St., Jacksonville, Ill.

Joe Baier's Polands No boars left. A lot of choice bred sows and gilts at private sale bred to my herd boars. Write for prices and descriptions. J. M. Baier, Dickinson Co., Elmo, Kan.

One Herd Boar! We are offering ONE Poland China herd hog right in every way. Five fall pigs by Major B. Hadley, grand champion of 1911. Booking orders for spring pigs (sold all of our bred gilts we had advertised). A. J. ERHART & SONS, Ness City, Kan.

BLACK MAMMOTH POLANDS



The kind that weigh and win. The best of Big Type breeding. Satisfied customers in nineteen states. Write for catalogue. It tells all. Paul E. Haworth, Lawrence, Kansas

S. E. Kansas and S. Missouri

BY ED. R. DORSEY.

Want to call your attention to the change in Howard Zahn's advertisement. He is offering 50 pigs out of his big northern sows for $20 apiece. They are exactly the same breeding as he sells for $50 in the fall but he expects to sell the best of the thousand head and is placing them at a low figure. Mr. Zahn is dealing in the largest type possible, never forgetting the high feeding quality that belongs to the money-making Poland Chinas.

John Colaw of Buffalo, Kan., who has been for a number of years a successful breeder and exhibitor of Poland Chinas, writes under recent date that his hogs are all doing nicely. He says, "We have 50 spring pigs that will soon be ready for trade. Could spare one yearling boar by Dan Hadley; three gilts bred to farrow in June and two bred to farrow in August, sired by Dan Hadley. Have 10 fall male pigs mostly October farrow, ready for light service. They are sired by A Wonder Jr. and out of Bonnie Lady, by Dan Hadley." Mr. Colaw should know what he is writing about if experience counts for anything. When writing him mention Farmers Mail and Breeze as evidence of the information.

Bayer's Big Berkshire Sale.

J. T. Bayer of Yates Center, Kan., one of the oldest and most extensive Berkshire breeders in Kansas, will hold his annual Berkshire spring sale, May 27, at the New York Valley Stock Farm. He has arranged for his guests to meet at the Woodson Hotel where conveyance to the farm will be in readiness. The sale will begin at 10 o'clock a. m. to accommodate all visitors. At this time he will sell 50 head of as good a lot as ever went through any of his successful sales. He will sell 10 head of late summer and fall pigs that have been nicely kept, and many strictly classy ones will go in this offering. They are sired by Bayer's Beacon 171707, and Ideal Centerpiece 178545, now at the head of the New York Valley Berkshire herd. He will sell about the same number of sows of the same age and breeding and they too are of the same high quality. He will sell 10 bred sows and about half are the private herd sows known to be valuable and profitable animals. The others are choice young sows carrying their first litters. The remaining part of the sale will be a selection of the earliest and best 1914 farrow. As this herd represents so many of the best Berkshire families we will say just send and get a tabulated catalog of the sale as it takes too much space here to give the breeding and show records of this herd. But the most important thing is to be at the sale on the 27th as the stock and breeding will please any hog fancier.

Publisher's News Notes

Mrs. D. M. Gillespie, one of the oldest advertisers in the Farmers Mail and Breeze, recently died in Clay Center, Kan., at the age of 67 years. The Farmers Mail and Breeze regarded her as a friend. She was esteemed by all who knew her. She was a Kansas pioneer, coming to this state with her husband, Dr. D. M. Gillespie, from Illinois in 1869. Her daughter, Miss Mattie A. Gillespie, has been interested with her in breeding Barred Plymouth Rocks of high quality and she will continue to breed them.

A Fine Concrete Mixer.

You can make money and save money by using a good concrete mixer on the farm, such a mixer, for instance, as "The Helper" Concrete Mixer made by the Cement Tile Machinery Company, 261 Rath St., Waterloo, Iowa. It mixes a batch in a minute. Its cost is very reasonable. If you will send for the fine free catalog published by this company perhaps you may come to the conclusion that you cannot get along without it. See the illustrated ad on page 17. This advertiser also makes other kinds of concrete mixers, and cement machinery, cement tools, etc., in great variety. The catalog is a very valuable one. Send for it.

Concrete Construction.

Every farmer is thoroughly awake to the economy of permanent construction and that means building of concrete. Much of the concrete construction work on the farm can be successfully done by the farmer and his help if he has proper instructions. The Ash Grove Lime & Portland Cement Company has published a handsomely illustrated text book on concrete construction entitled "Permanent Farm Improvements." This is a 112-page book printed in clear, easy-to-read type—contains complete instructions for more than 75 farm structures—everything from a fence post to a barn. Complete instructions for building forms—the mixing of the concrete. All the different tables for the different mixings have been gone over by experts, and are authentic. By having this book any farmer can do his concrete work and will produce good results as to stability and strength, as well as appearance. This book cost The Ash Grove Cement Co. a big sum of money. It was published to sell at 25 cents a copy, which is less than cost. For a limited time these books will be sent free to all who write for one. Address the Ash Grove Lime & Portland Cement Co., 701 Grand Ave. Temple, Kansas City, Mo.

Farmers Mail and Breeze Pays Advertisers.

Farmers Mail and Breeze, Topeka, Kan.
Gentlemen—I have sold four of my bull calves through the Farmers Mail and Breeze. Yours very truly,
I. W. POULTON,
Breeder of Red Polled Cattle.
Medora, Kan., March 27, 1914.

Farmers Mail and Breeze, Topeka, Kan.
Gentlemen—Please find enclosed check for $35.00 in payment for my advertising in your paper. I believe it did good work at my sale for my hogs sold much higher than I expected. Yours very truly,
C. M. PRATER,
Breeder of Poland Chinas.
Oxford, Kan.

Every week for years Farmers Mail and Breeze has printed voluntary letters from its advertisers and different letters are printed every week.

F. W. Bevington, Pres.

Jewell County Breeders' Association

Members of this association, advertising below will offer nothing but first class animals for sale for breeding purposes.

I. W. Kyle, Secy.

O. I. C. HOGS.

Dr. W. W. Spencer, Mankato, Kan. BREEDER OF O. I. C. HOGS. A FEW SEPTEMBER BOARS FOR SALE.

POLAND CHINAS.

Poland China Bred Gilts 15 bred for April farrow, sired by Jumbo and bred to Kansas Big Bone. Ira M. Swihart & Son, Webber, Kansas

JOSHUA MORGAN, Hardy, Neb. The best in Big, Smooth Polands. Stock for sale. See me for a boar.

John Kemmerer's Polands Choice boars out of Jumbo Ex. and Neb. Chief. Inspection invited. John Kemmerer, Mankato, Kan.

Ira C. Kyle & Son's Large type Polands. Giant Chief Price 82103, by Long King; Bell's A Wonder 61891, by A Wonder. Henry's Expansion 178589, by Dorr's Expansion. MANKATO, KAN.

Fall Boars. Also booking orders for Spring pigs (both sexes) at weaning time. White Wyandottes, R. I. Reds, Barred Rocks. Eggs for sale. W. A. McIntosh, Courtland, Kan.

DUROC-JERSEYS.

BRED GILTS A few very choice well grown spring gilts bred for early spring farrow. Priced right. Write for prices. E. M. Myers, Burr Oak, Ks.

Marsh Creek Herd Duroc-Jerseys Nothing for sale at present. Something good a little later. R. P. WELLS, FORMOSO, KANSAS.

Sunflower Herd Duroc-Jerseys 1913 boars shipped on approval. W. E. MONASMITH, FORMOSO, KANSAS.

15 FALL BOARS by Crimson Burr, grandson of Crimson Wonder 3rd. Big values at $20 each. Everything Immune. Dana D. Shuck, Burr Oak, Ks.

E. A. Trump, Formoso, Kan. 50 spring boars and gilts for sale at private treaty. Write for prices and descriptions. Address as above.

10 Good Spring Boars priced right to move them quick. JOHN McMULLEN, Formoso, Kansas

Spring Crop of Pigs Doing Nicely; am ready to book orders for fall or summer delivery, at reasonable prices. C. C. Thomas, Webber, Kans.

SHORTHORNS.

Oscar Green's Shorthorns Popular breeding. Stock for sale. A good herd bull proposition. OSCAR GREEN, MANKATO, KANSAS

POULTRY.

EGGS FROM WHITE POULTRY Pekin and Runner ducks, Rocks, Holland turkeys and Cochin bantams. Also Spitz dogs and Fantail pigeons. A. T. GARMAN, COURTLAND, KS.

GUERNSEY CATTLE.

Reg. Guernsey Bull Calves For Sale Old enough for fall service. Write for description and prices. W. E. EVANS, Jewell, Kansas.

JERSEY CATTLE.

Jersey Heifers that will freshen in Jan., Feb. and March. Four fall yearlings bred, six heifer calves 10 months old. Write for prices. J. W. Berry, Jewell City, Kan.

D. S. POLLED DURHAMS.

Bull Calves, year old in April and May. Dark red in color. Priced reasonable. We want a herd bull. Can't we trade? R. T. Vandeventer & Son, Mankato, Kan.

PERCHERONS.

PERCHERON Breeding Farm Stock for sale. Always good horses in service. H. G. MYERS, HARDY, NEB.

AUCTIONEERS.

John Brennen & Son ESBON, KANSAS **Livestock Auctioneers** WRITE OR PHONE FOR DATES

M. S. HOYT, MANKATO, KAN. **Livestock Auctioneer** Write or phone for dates.

Frank Regan Livestock Auctioneer ESBON, KAN. WRITE OR PHONE FOR DATES.

Ole Hanson, Livestock Auctioneer Mankato, Kan. Write or phone for dates.

DAN GALLAGHER, Jewell City, Kan. **LIVESTOCK AUCTIONEER** Write or phone for dates.

DUROCS $8 Weanling Boars $8.00. Weanling Sows $15.00. Immune. Sired by "Kansas Ohio Chief," our new herd boar imported last spring from Ohio. Call and see our hog and poultry farm. Half section fenced hog tight, with modern equipment. ROSE COMB RHODE ISLAND REDS. 16 incubators. Winners at American Royal and Kan. and Okla. State Fairs. R. W. Baldwin, Conway, Kas. **REDS**

Royal Scion Farm Durocs The great Graduate Col., assisted by Col. Scion, heads this herd. 10 extra choice fall boars, three out of Heiress Royal and by Graduate Col. G. C. NORMAN, R. 10, WINFIELD, KANSAS.

BIG TYPE UNPAMPERED BERKSHIRES 150 sows bred to Fair Rival 10th, King's 4th Masterpiece, Truetype, King's Truetype, and the great show boar King's 10th Masterpiece. All long, large and heavy boned. Sows farrow from August 1st to December 1st. Eighty bred sows and gilts to farrow in June. Open gilts and boars ready for service. Not a poor back or foot. Every man his money's worth. E. D. KING, BURLINGTON, KANSAS.

Dean's Mastodon Poland Chinas Serviceable boars and bred sows and gilts. I have some 3-year-old sows 65 inches long, bone 8½ in., and 34 inches high. VACCINATED AND IMMUNE. Herd headed by Mastodon Price, Columbia Wonder and Gritter's Longfellow 3d. Everything guaranteed and sold worth the money. Phone Dearborn; station, New Market, and postoffice, Weston, Mo. Address CLARENCE DEAN, WESTON, MISSOURI.

ROBINSON'S Mammoth POLAND CHINAS We offer 100 February, March and April pigs of both sexes for delivery when weaned. Some now ready. Pairs and trios not akin. They have heavy bone, great length, depth and thickness and show ring quality. You don't send us a cent until you have received pig, and if not satisfied return pig at our expense and you are not out a cent. F. P. ROBINSON & CO., MARYVILLE, MO.

DOOLEY'S SPOTTED POLANDS Etterville Breeding Farm, home of the old original spotted Poland Chinas. Booking orders now for spring pigs at weaning time sired by five of the biggest and best spotted boars of the breed. Pairs and trios not related. Get your order in early as they are going fast. Over 100 head to select from. EDGAR DOOLEY, ETTERVILLE, MISSOURI

Big Type Poland Boar Bargains We are offering the tops of 60 fall boars and gilts, ALL VACCINATED AND IMMUNE, sired by Moore's Halvor and Sampson Ex, out of best big type sows. $25 each; boar and gilt, $55. These are good and guaranteed as represented. These are bargains. HENRY GRANER & SON, Lancaster, Kan.

80 Big Type Poland China Pigs weanling boars 8 to 10 weeks old $8 to $10. Gilts same age $12.50—two for $24 or 3 for $35. These pigs are sired by Bogardus Ex., and out of 600 to 700 pound sows, by Big Defender, and Colossuis. 10 sows, this spring, farrowed 92 pigs. Descriptions guaranteed or money refunded. Can ship via Union Pacific or Rock Island. HOWARD R. AMES, R. R. 2, MAPLE HILL, KANSAS.

JOE HEMMY'S A WONDER BRED SOW SALE! Tuesday, August 18. 35 head of Poland China sows and gilts bred to my two A Wonder herd boars. Send your name in for a catalog. JOE HEMMY, HILL CITY, KANSAS

Let's Stop Soil Blowing

BY W. M. JARDINE,
Kansas Agricultural College.

Almost invariably when we propose that the farmers summer fallow a portion of their land they protest by saying that if they till their land as is usually prescribed in the summer fallow it will all blow away before planting time.

We are attempting, therefore, and with complete success, to maintain a summer-tilled field so that its soil will not be shifted and blown away.

We have used and are now using different tillage implements for this purpose. The disk harrow, so commonly used in cultivating the fallow, is a dangerous tool to use in western Kansas on the summer fallow. It pulverizes the top surface too completely; that is, it leaves the soil too fine ordinarily. The sugar beet cultivator and the John Deere alfalfa cutter that runs on wheels are the best implements we have thus far found with which to till the fallow and to prevent the soil from blowing. Weeds can be effectively kept down with either of these implements and the top soil maintained in a cloddy condition.

Ground that is plowed thoroughly to a considerable depth in May after the most severe winds are over and then worked with either of the two implements mentioned is left in good condition to absorb the rainfall and to retain it thereafter. In handling the summer fallow or, in fact, in working any of the land in western Kansas which we have under our control, we always work it at right angles to the prevailing wind and in long narrow strips. Under this method of operating we have been able to completely control the blowing and the shifting of the soil.

We are finding also that the lister is a good implement with which to plow the ground where blowing gives trouble. Good results are being obtained under fall listing, the ground being gradually worked down with suitable implements as the season advances until at planting time a thoroughly firm and suitable seedbed for wheat is provided.

This is the rotation of crops we are advising western Kansas farmers to grow: Summer fallow, followed by winter wheat, then followed by dwarf kafir or dwarf milo, then fallow again.

As we proceed eastward from the western boundary of Kansas the moisture gradually increases, so that in the vicinity of the one hundredth meridian we have a rainfall of approximately 22 or 23 inches annually.

Under this rainfall we believe the following rotation will make the farmers the most money: Summer fallow followed by winter wheat two years in succession, the ground for the second crop of winter wheat being listed or plowed as early as practical after the first crop of wheat has been removed, the second crop of wheat to be followed by a sorghum crop. This gives three crops from the land in four years, while the first named rotation, the one we recommend for more severe conditions as regards drouth, brings two crops in three years.

The sorghums, either nonsaccharine or saccharine and usually of the dwarf type, are the crops that will make the farmers of western Kansas and Oklahoma the most money. They should be grown for forage and for grain.

Every farmer in order to utilize such crops to the best advantage should have one or more silos on his farm.

Market and Credit Needs Urged

A permanent organization for the improvement of standards of packs, packages and carriers in connection with the marketing of farm products and for the encouragement of farmers' marketing organizations on the non-profit corporation plan, with the possible holding of an all-American exhibit of packs and packages, were among the results of the Second National Conference on Marketing and Farm Credits, held in Chicago April 14-17.

The Conference heartily endorsed the passage by several legislatures of true co-operative laws based upon the one man one vote basis, and urged the necessity of promoting such laws in every state. Congress was urged to pass on rural credit measures with care and deliberation. It was told that reckless governmental aid plans were detrimental to true co-operation, which is only successful when based on self-help, careful auditing, valuation and sound business methods; that amortization schemes must be carefully tested or they may prove a snare; also that the great interests which control the marketing of industrial securities are striving to obtain control of rural credit.

Congress was asked by the conference to modify the Sherman Anti-trust law, to legalize and protect true co-operative organizations of producers and consumers and farmers' and other co-operative organizations were urged to send delegates to the next annual conference at which the organization of a permanent national federation of co-operative organizations is to be considered. Charles Holman, Madison, Wis., is secretary of the conference.

Ozark Farmers Are Co-operating

BY F. B. NICHOLS.

Many men who try to discourage co-operation among Kansas farmers advance the old, time-worn theory that they will not hang together. Sometimes it is admitted that the farmers in one community may be organized, but that it is not possible to get the producers in several communities to work together. All of these contentions have been disproved by the Ozark Fruit Growers' association of Monett, Mo., which is the largest company of its kind in the Middle West. It handled the fruit from 43 loading stations last year. The fruit from but 27 stations was handled in 1912, which indicates a good, healthy growth.

These loading stations have their local associations, and the local associations are banded together to form the central association. Two per cent of the gross sales are taken to pay the expenses o f the central association, and the rest is sent to the local association. With this system, the local manager has only to see that the cars are properly loaded, and to turn over the money he receives from the central association to the members. The fine advantage of this system is that the sales are handled by the manager, P. A. Rogers, who is a specialist in this work. And then, too, the fruit from one station does not come into competition with that from the other associations.

With this system, it is possible for the local company to run with low operating expense, it frequently is as low as 1 per cent. The selling expense can be divided among the 43 loading stations in this way. It is possible for the big association to build up a much more efficient selling force, too. For example, last year the Ozark association had 20 representatives on the leading markets of the country, to watch the movement of the cars in their territory. These were local men, so the manager knew they could be trusted. They stayed away on this work for about six weeks.

The Ozark Fruit Growers' association is organized as a joint stock company. When a local shipping association comes into the central association it must buy ten shares of the stock; these shares cost $1 apiece, and dividends are not declared on them. The stockholders meet in January, elect officers, and attend to the other regular affairs. Most of the business is handled by the manager. There usually is a large number of buyers at Monett, and as a rule about 90 per cent of the berries are sold before the cars are billed out.

Mr. Rogers has been manager since 1904, and he has built up the association. It has been founded largely on his personality and his plans, and it is a great success.

The Home Town

Dr. P. P. Claxton, United States Commissioner of Education, in a recent address said:

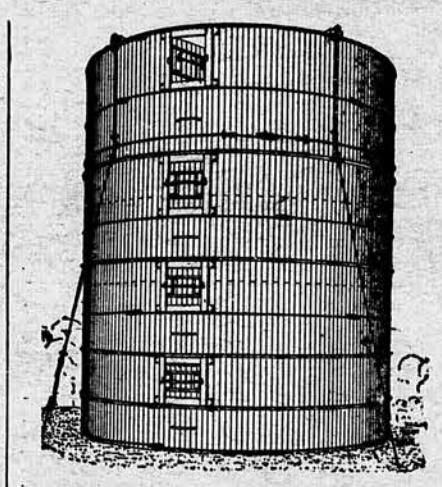
"More than 65 per cent of our children are educated in the rural schools and they form a large part of our population in the cities. Probably no city produces as many citizens as it kills, and modern civilization with its complex problems and its nerve strain really eats children in the city."

Dr. Claxton advocated giving the rural teacher a home and a tract of land that the teacher might become identified with the community and be enabled through the land to make a decent living.

Would a High-Grade Silo For $100 Interest You?

A Silo Three Men Can Erect in An Afternoon, or Take Down in 4 Hours and Move Anywhere—Wind-Proof, Weather-Proof, Air-Tight

Fifty Ton, $100—Other Sizes in Proportion



The farmer who is looking for a silo that is **inexpensive** to buy, to erect and maintain; a silo that will be **stable** and no more likely to collapse or overturn than his barn; a silo that will not present any complications or difficulties in its erection, either in the way of scaffolding or the assembling of a large number of pieces for the silo itself; a silo that will be inexpensive to fill and convenient to feed from; a silo that he can buy from his local dealer **when he needs it,** without delay or the making of any complicated contracts; a silo that will preserve silage as only a tight round wooden silo can; a silo that can be readily taken down and moved away, should he leave the farm;

The farmer who is looking for all of these features in one silo will find them in **"The Tulsa"—The Hundred Dollar Silo.**

And he need not buy **"The Tulsa"** until he has seen one of the silos, and has had an opportunity to examine it, and has convinced himself that every claim we make for the Silo is substantiated in the Silo itself.

We want him to appreciate how, by the peculiar construction of **"The Tulsa,"** we are able to produce a silo which has never been approached for stability, firmness and strength and which at the same time is perfectly portable; a silo that can be taken down and moved about as crops are rotated, as is sometimes desirable. This is an advantage that is worth considering, especially when you can get it without the silo costing you any more money, and without sacrificing anything of strength or stability.

And then there is the saving in the expense of erecting this silo that is well worth considering also—actual experience shows that three men can erect **"The Tulsa" Silo** in an afternoon, and do it easily, and without a single board of scaffolding. You can figure what this saving will mean to you should you be short-handed at a time when time is worth more than money—the time when you find you must get your silo up quickly, if you are to save your crop for feed. But don't wait for such an emergency. Buy a **"The Tulsa"** now and be ready when filling time comes.

"The Tulsa" goes together in sections, and is so simple to erect that the ordinary farm help is all that you will require to put it up. The sections are steel ribbed with angle steels,—that's what imparts the wonderful strength, stiffness and stability to our Silo, and which allows us to make it light enough to be portable. But you must see the Silo to appreciate all its wonderful merits, and the no less wonderful price which makes **"The Tulsa"** the world's best **all-around** Silo Bargain.

Send the coupon today for our Book describing in detail **"The Tulsa" Silo.** We will send the book free and the name of the nearest dealer where you may see a full sized silo on display for your critical examination.

Tulsa Silo Co.,
510 Keith & Perry Bldg., Kansas City, Mo.

Gentlemen:—Without expense to me or obligation to buy, please send me your Book describing "The Tulsa" Silo, and the name of dealer where I may examine a full size Silo.

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