

KANSAS SECTION THE KANSAS FARM PRESS

KANSAS FARMER AND MAIL & BREEZE



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State Farm Bureau Items

By the County Agents

ALLEN county, which re-organized its Farm Bureau late last summer, has just completed a membership campaign which ended with a total of about 600 new members.

A "Know Allen County" trip has been planned by the Allen County Farm Bureau and the Iowa Chamber of Commerce. This trip will be made to some of the best farms in Allen county. Beef and dairy herds, horse and mule farms, and hog and poultry farms will be visited. Allen county has a large number of breeders of purebred livestock. The Allen County Shorthorn Breeders' association has 41 members. In addition, considerable interest has been manifested in dairying during the past few months and many Allen county farmers are getting into the purebred business with dairy animals, and others are planning to get into the dairy business. The trip is intended to increase interest in better livestock.

Burning Up the Trash

Farmers in Pratt county have been burning the grass and weeds along the fence rows and road sides. V. S. Crippen, county agent, is urging every community in the county to do this work as soon as possible. Every mile of road burned over, he says, will save 4 acres of seed wheat from chinch bugs next fall. Besides he says it will prevent the roads drifting full of snow when heavy winter snows fall.

Big Corn Yield

According to Mrs. Jessie McCafferty, club leader in Jefferson county, George McBroom of that county raised 104 bushels of white corn on an acre of upland in the corn contest in that county this year. He manured and plowed the ground in the fall, Mrs. McCafferty says, and gave careful preparation in the spring. He cultivated six times. Charles McBroom raised 89 bushels of yellow corn also on upland. He gave his corn about the same kind of care as was given by George McBroom. Cleason Freeman, of Jefferson county, was the state winner in the corn contest in Kansas last summer. It cost \$17 to produce his acre of corn which yielded 125 bushels. Cost of producing George McBroom's was \$28.48, and that of producing Charles' McBroom's acre was \$30.97. Dwight Williams produced 68 bushels of corn on upland at a cost of \$16.

Cane Crop Proves Profitable

Fifteen acres of cane on the farm of Pierson and Butts, near Fort Scott, produced 200 tons of silage this year, according to Avery C. Maloney, county agent. The cane stood 12 feet high and was one of the heaviest crops ever seen in Bourbon county, according to Mr. Maloney. The crop is grown on land which three years ago neighbors said was too poor to grow anything. The fertility of the land was restored by use of barnyard manure. The field has been manured twice in the last three years. This farm is the home of one of the best Holstein herds in Bourbon county.

Promotes Club Work

A loan and abstract company, at Paola, is offering to finance any boy wishing to go into pig club work in Miami county next year, according to William H. Brooks, county agent. The company offers to lend the boy money necessary to buy a pig and will help him in buying the pig. At the end of the club year the boy is to repay the company. As additional incentive, they offer \$25 as first prize, \$15 for second, and \$10 for third, for boys displaying pigs at the county fair. These prizes will be used to pay the way of the boys to a club week celebration at Manhattan.

The Committee of Seventeen

Ralph Snyder, president of Kansas State Farm Bureau, who is a member of the Farmers' Marketing "Committee of Seventeen," writes from Chicago that the committee has made the following recommendations for a marketing system to handle grain crops: First, farmer-owned elevator companies and sales agencies to operate on the local and terminal markets of the

United States. Second, farmers' export companies and sales agencies to operate on foreign markets for the purpose of handling the exportable surplus. Third, the grain growers of the United States should as soon as possible, by mutual contract or otherwise, arrange for the sale of all grain on the basis of co-operative bargaining. Fourth, that the foregoing shall be carried into effect with the ultimate view of the protection of the just rights of the producer and the orderly marketing of farm products. According to Mr. Snyder, the committee has announced that, as quickly as the necessary data can be gathered by its experts, it will perfect and present a plan to carry the foregoing principles into effect with the co-operation of the various existing farmers' organizations interested in grain marketing. Prompt action is necessary, the committee feels. The committee also adopted a resolution asserting that they deemed it morally wrong and detrimental to the interests of agriculture and the consuming public to permit the practice of short-selling of grain, cotton, and other farm products and petitioned Congress to enact such legislation as will stop this practice at the earliest possible date.

Spraying Increases Profits

Two Jackson county farmers have found that pruning and spraying pay, according to E. H. Leker, county agent. These two men, Anton Zlatnik and Howard Houck, of Delia, like many others over the county, had been getting small returns from their orchards and the fruit which was produced was inferior in quality. Last spring they pruned a number of their trees and sprayed them. Mr. Zlatnik reports that he pruned all of his trees and sprayed twice at a cost of \$5 or \$6 for spraying material, and probably 15 or 20 hours of work. Most of the labor was spent in pruning. He harvested 50 bushels of apples and 1½ bushels of cherries. He reports that 45 bushels of the apples were good, sound fruit. Mr. Houck pruned part of his trees and sprayed all of them three times, at a cost of about \$10 for spraying material and a few hours' work. He harvested 152 bushels of good sound fruit from his orchard.

Holsteins Made Best Records

A Holstein cow, belonging to J. A. Engle, of Abilene, which produced 58.2 pounds of butterfat during the month, led all cows in the Dickinson County Cow Testing association in November. The cow was fresh in July and produced 1,455 pounds of 4 per cent milk during the month. The second highest record was made by another purebred Holstein also owned by Mr. Engle. This cow produced 1,145 pounds of milk, and 43.4 pounds of butter fat during November.

New Agent for Lyon County

C. J. McFadden is the newly appointed county agent in Lyon county. He takes the place of Gaylord Hancock who resigned to take up work with a big milk condensery in Wisconsin. Mr. McFadden is on the job and is getting busy. One of the first things he did was to call together the Lyon County Wool Growers' association to elect a delegate to the meeting at Manhattan, which has been called by the Kansas State Farm Bureau, to form an organization for marketing Kansas wool.

Large Poultry Production

Jewell county leads all others in Kansas in the production of poultry, according to W. W. Houghton, county agent. Mr. Houghton says that his county produces \$326,000 worth of poultry a year. Mr. Houghton says this record can be beaten if the poultry men will organize and stimulate interest in better poultry, and has called a meeting of the poultry men of the county to meet at Mankato, December 18, for the purpose of organizing such an association and planning for a winter poultry show. Mr. Houghton says that most of the other counties around Jewell have poultry associations and he is urging every poultry breeder in the county to get behind the new association and the show.

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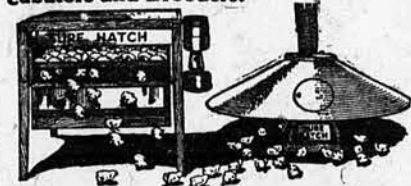
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KANSAS FARMER AND MAIL & BREEZE

Arthur Capper, Publisher

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No. 1

An Opportunity With Hogs

Fred Caldwell Believes That With the Cheap Feed Prices of Today the Outlook for Pork Production is Decidedly Bright

By Ray Yarnell

FEEDING out hogs on present cheap feed is one of the farmer's best bets today. He stands to make a generous profit with the minimum of risk. His investment will not be high and it seems likely that when the hogs are ready for market, prices will be no lower and probably will be higher than they are now. Lower prices of pork will increase consumption and greater demand will make evident the shortage of hogs in the country. The result will be better prices for pork grown on cheap feed and prices equal to or better than current quotations will mean profit to the hog grower.

Fred B. Caldwell, of Topeka, in that way sums up his idea of the present situation from the viewpoint of the farmer and breeder. He is feeding hogs for market and he expects to clean up a good profit. A year ago feed for his herd was costing \$30 a day. Now he says he is feeding 130 head for approximately \$5 a day.

When prices during the war were so high, most of the hogs marketed had been fed on high priced feed and the profit was not large. But now, Mr. Caldwell says, hogs can be finished on cheap feed and it seems almost certain in view of conditions that prices will be increased. The farmer who feeds out at a minimum of cost will reap a very liberal profit when he sells.

"Now is the time to get into the hog business," said Mr. Caldwell. "To my mind it is the most opportune time in the last eight years. A big corn crop was raised, assuring abundance of feed and corn can be bought at reasonable prices. The farmer can scarcely afford to sell corn at the present prices. But if he will feed it to livestock and especially hogs, I don't see why he can't make money."

"My experience is that I can feed hogs today at one-fourth the cost of a year ago."

Big Meat Shortage is Expected

"There is bound to be a shortage of pork. It has been costly and people have not been buying it. But recently the price has dropped and may go lower. The result will be that consumption will increase. It is known that there is a shortage of hogs in the United States and there are hundreds of farms on which there are no hogs. When this shortage becomes noticeable prices will go up. The farmer who buys pigs now and has them ready for market when prices soar will make money. I frankly cannot see that the hog grower has ever before had a greater opportunity to make a killing."

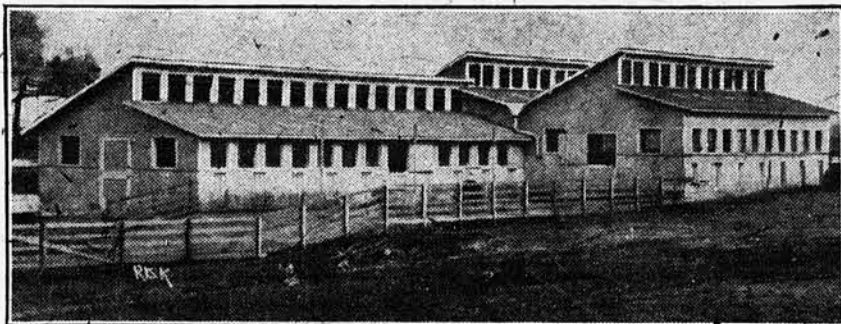
"I have been in the hog business a long time but I never have seen conditions more favorable. I am absolutely certain that the hogs I am feeding out on cheap feed will bring me a good return and that the spring crop of pigs can be handled even more profitably."

The Caldwell farm has been developed for hog raising. Equipment there is designed for maximum utility and economy. The place is so arranged as to make the handling of the hogs easy. A system has been worked out which reduces labor cost and insures efficiency in feeding and handling. Waste motion in caring for a large herd has been largely eliminated.

The heart of this system is the hog barn, a combination farrowing house and sales pavilion. This barn, in the opinion of many breeders, is the best arranged in Kansas and probably is as good as any in the United States.

Mr. Caldwell built this barn a year ago at a cost of \$7,000. It was constructed according to his own design which was a composite of the best ideas incorporated in other barns throughout the country, gathered by Mr. Caldwell during his very widely extended travels.

His barn consists of two sections. The main section, which is a combination of sales pavilion and a farrowing barn, is 44 feet square. All that is required to turn this room into a sales pavilion is to clean it, remove the partition fences and install seats on either side. An oblong sales ring, 10 by 30 feet, is in the center between the sloping seats on either side. Mr. Caldwell rents seats from a show which winters in Topeka and avoids making an invest-



Hog Barn on the Fred B. Caldwell Farm Near Topeka, One of the Best Designed Buildings of Its Kind in the United States.

ment in lumber which would be in use only once or twice a year. This barn seats 600 persons.

The hog barn is so constructed that it can be turned into an excellent dairy barn simply by the installation of stanchions and feed bunkers. This adaptability was one of the considerations in its design.

The other section of the hog barn, 22 by 60 feet, extends west 60 feet on a line with the north wall of the main building. This leaves a space, 22 by 60 feet extending to the south line of the main barn, which is occupied by a concrete feeding floor. The barn is L-shaped with the feeding floor in the angle of the L.

This second section is similar in construction to the main barn and has room for pens on both sides of the alley way. All together there is room for 50 sows in the barn at farrowing time.

The floor of the barn is made of hollow tile covered with a coating of cement. The hollow tile affords an air space in the floor and serves to keep it dry and warm and to prevent rapid changes in temperature. Three walls of the barn, east, north and west, are built of hollow tile, cement covered, to a height of approximately 4 feet. Above this the building is of frame construction. It is finished with heavy siding, the joist and rafters on the inside being left uncovered.

The design is such that the maximum amount of sunlight is admitted every day to all parts of the building. There is scarcely a square

foot of space that does not get sunlight some time during the day.

A row of windows in the south wall gives a great amount of light and there are two rows of upright windows in the roof, set into gables. These windows face south. In addition there are a number of small horizontal skylights in the roof, and windows in each end of the barn. There are 102 windows, containing more than 1,000 square feet of glass.

There are five doors in the barn, two on the east end, one opening on the feeding floor from the east and another from the center of the west extension of the building, and the last at the west end of the barn. The doors are double so the upper half may be left open for ventilation as desired.

An alley drain or gutter runs the entire length of the building in the center of the north half and a similar drain extends across the south half of the main building. This drain is 2 or 3 inches in depth. The floors of the farrowing pens slope toward this drain, having a total fall of 2 inches. This is sufficient to cause them to drain easily and it also aids in cleaning them.

The gutters, which run east and west, have a slope of 6 inches to every 60 feet and a rather abrupt drop where the two sections of the barn join. The gutter is about 2 feet wide and is cleaned easily by using a push scraper or a shovel.

An overhead track runs thru the west section of the barn, swings thru the main portion and is carried on iron posts the entire length of the feeding floor. The manure carrier runs on this track. The dump is located at the west end of the barn.

Mr. Caldwell plans to get a specially constructed slop barrel which can be used with this track. The barrel will have a pipe extending nearly to the ground and an automatic arrangement whereby the slop can be let out into the troughs in any quantity desired. This arrangement will do away with slop carrying and will speed up feeding.

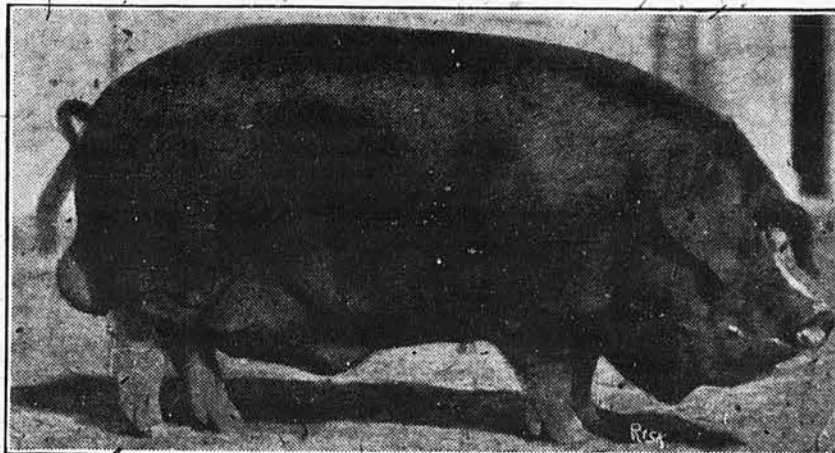
Barn is Lighted With Electricity

In one corner of the barn a crib, 9 by 18 feet, with a capacity of 800 bushels of grain, has been constructed. This is close to the feeding floor. Stoves have been installed for heating the building during farrowing time. A slop tank is placed just inside the building north of the feeding floor. In the summer this tank is put outside. The barn is lighted thruout by electricity.

The feeding floor is 60 feet long and 22 feet wide. It is made of concrete 6 inches thick, with a fairly smooth finish. At the west end it slopes abruptly to the level of a lane running to the various pasture lots. Mr. Caldwell plans to extend the feeding floor well into this lane.

Near the south edge of the floor, extending east and west, is a row of concrete troughs. These are built into the floor and are 4 or 5 inches deep. There is sufficient room on all sides of the troughs for hogs to stand while eating. The feeding floor is flooded with sunshine thruout the afternoon and is protected from north winds by the farrowing barn. Sunlight strikes the west end of it during the mornings, also.

Caldwell's hogs are fed in relays. They are separated into 6 to 12 groups, the groups being driven to the feeding floor one after another. There are 10 pasture lots and pens, every one opening into the lane leading to the feeding floor. This simplifies the task of getting the hogs up for feeding. For hog range Mr. Caldwell has 60 acres of alfalfa. This is divided (Continued on Page 8.)



Colonel Bob, Grand Champion Poland China Boar at Lincoln, Neb., and Topeka, Kan., Fairs in 1919. He Heads the Caldwell Herd.

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Passing Comment—By T. A. McNeal

AT A TIME when the world is groaning under the terrible burden of war debt with a prospect of National bankruptcy in a number of cases, it is a relief to write about the results of a constructive policy as contrasted with the policy of war and destruction.

On June 17, 1902, a little more than 18 years ago, the Reclamation act was approved by President Roosevelt and the United States Government began the policy of reclaiming the desert lands of the Great West. Since then 24 so-called primary projects and four Indian projects have been constructed in whole or in part and scores of secondary projects have been examined to determine their feasibility with a view of possible development later as funds become available.

On June 30, 1920, the net cost of construction of the reclamation projects amounted to a little less than 125 million dollars. The value of crops grown in 1919 on lands served either in part or in whole from the works of the service amounted to nearly 153 million dollars. About \$9 million dollars of this represents the value of crops grown on the 1,113,469 acres of cropped lands on the projects proper, or \$79.88 an acre and the balance an estimated amount from approximately 1 million acres of land served with water under the Warren act. The projects already completed or under way will ultimately comprise an area of over 3,300,000 acres.

This information gleaned from the report of the Secretary of the Interior, just received, gives a faint idea of what might have been accomplished for the welfare of the people if even a tenth part of the money wasted on war had been used for constructive purposes. Here we find a return of more than 100 cents on the money invested in a year. The total amount expended by the Government since the reclamation policy was adopted would not have paid the expenses of the Great World War for one day. Yet it has reclaimed enough desert land to make a state of fair size. It has made it possible for thousands of people to have comfortable homes and comfortable incomes from lands which used to be of no value whatever.

It contrasts the policy of construction with the policy of destruction. It proves again that if the utterly selfish policies which dominate the world could be replaced by a policy of construction and plain common sense, the world would be free from debts and it would also be free from woe and want. In short it might be a paradise instead of a hell.

Puritan Sunday

IDO not know how far the movement for a Congressional law and state laws to require a strict observance of Sunday throughout the Nation will get but I think it will fail.

Now I am of the opinion that one day in the week should be given to rest. I am not, however, in favor of dictating to individuals how they shall spend the day, or whether they shall even observe it. I am of the opinion that this is a matter which every individual ought to settle with his or her own conscience. There is an honest dispute between religionists as to the proper day to celebrate as the Sabbath. In Kansas and most other states the law recognizes the right of citizens to have this difference of opinion. Section 3661 General Statutes says: "Every person who shall either labor himself or compel his apprentice, servant, or any other person under his charge or control to labor or perform any work other than the household offices of daily necessity or other works of necessity or charity on the first day of the week, commonly called Sunday, shall be deemed guilty of a misdemeanor and fined not exceeding \$25." This section of the law is violated openly every Sunday in the year, possibly not by most of the inhabitants but certainly by a very large minority. The following section provides: "The last section shall not extend to any person who is a member of a religious society by whom any other than the first day of the week is observed as the Sabbath, nor to prohibit any ferryman from crossing passengers on any day in the week."

Very clearly this and the preceding section were intended to enforce a form of worship, for while individuals belonging to different

denominations holding different views concerning the proper day to be observed as the Sabbath, are permitted to have a choice, the individual who may differ conscientiously from both and not regard one day of the week as any more sacred than another is likely to punishment if he performs any work other than of necessity or charity on the first day of the week, commonly called Sunday. This would seem to interfere with Section 7 of the Bill of Rights which says that there shall not be any control or interference with the rights of conscience.

Section 4965 of the General Statutes says: "Every person who shall engage in hunting or shooting on the first day of the week, commonly called Sunday, shall be deemed guilty of a misdemeanor and upon conviction shall be fined in a sum not less than \$5 nor more than \$20." Here is a rather curious inconsistency in the law. While the Adventist or the Seventh Day Baptist is permitted to work all day Sunday or do almost anything else he might do on any week day he cannot hunt on Sunday without committing a misdemeanor.

Again, while it is no violation of law to play ball or any other lawful game on Sunday, the line is drawn on hunting, altho hunting is certainly a much quieter form of recreation than playing ball. Sunday laws are very generally violated because most of our American citizens have a feeling that one of our fundamental and cherished rights is the right to entertain any religious opinion we please, or none at all if we please. Every citizen has the right to believe that Sunday is a sacred day or that Saturday or any other day of the week is sacred, or on the other hand he has the right to believe that no day is any more sacred than any other day and so long as he does not so conduct himself as to interfere with the rights of his neighbors he may spend every day as he pleases. To undertake to impose on the citizens of this country a Puritan Sunday is a violation of the spirit of our institutions.

Views of a Scotch-Irishman

ONE of our readers, W. C. Skiles, of Fredrick, Kan., whose grandfather came from the north of Ireland as did mine, writes me at considerable length complaining that the papers do not deal fairly with the Irish question. Perhaps Mr. Skiles is right at least in part. I have said editorially that in my opinion the complete independence of Ireland would be the worst thing that could happen to Ireland for two reasons: The first reason is, that it would, perhaps, result in a religious war between the sects, and secondly, because Ireland would be completely at the mercy of England commercially.

It has seemed to me, however, that the British Government has handled the Irish situation in a bad way and in a way calculated to lose the sympathy of the world. This, however, is not in any way a defense of the outrages committed by Sinn Feiners.

What the Grange Desires

THE National Grange which met at Boston adopted certain resolutions stating the policies favored by the organization as follows:

1. Demanding the appointment of a practical farmer as Secretary of Agriculture.
2. Favoring co-operative buying and marketing.
3. No property to be exempted from taxation except as specifically exempted by state constitutions. Exemption by reason of debt applied equally to real and personal property.
4. Mortgages to be taxed as real property assessed against the owner of the mortgage in the district where land is located, and owner of land given exemption in amount of mortgage.
5. Corporation property both real and personal to be taxed the same as privately owned property. Tax on railroad property to be based on valuation equal to total market value of stocks and bonds outstanding, every tax unit to share in proportion of mileage in that unit to total mileage.
6. Equality of assessment between individuals and between tax districts.
7. No city to have separate assessment, all property everywhere to be assessed at fair cash value.
8. Bank property, whether real or personal

to be assessed and taxed just like any other property.

9. Income and inheritance taxes indorsed as source state and Federal permanent income.

10. Excess profits, luxury and excise taxes afford just and equitable sources of meeting unusual government expenses.

11. All taxes should be levied to encourage home owning, and to discourage speculation and tenancy so far as public policy will permit.

12. The Grange opposes a general sales tax.

13. The Grange is opposed to any form of so-called "classification" of property, which would discriminate in favor of any class of property as against any other class for purposes of taxation.

Concerning the right to work the Grange passed the following resolution:

"Reaffirming the position heretofore taken in favor of collective bargaining, the National Grange does hereby express its disapproval of any system which denies to any individual the right to work in any place where his industry is needed at any time and at any wage which is satisfactory to him, or to quit his employment whenever and for whatever reason may be to him controlling, subject only to such contract obligation as he may willingly enter into and as may be enforceable in an American court of justice."

The Grange also passed a resolution indorsing the sentiment "We need less government in business and more business in government." Among the Government business institutions which the Grange thinks should be discontinued are the War Finance Corporation, the War Labor Board and all fair price commissions.

"The Grange is in favor of Government support of reclamation work on such projects as will stand on their own merits, "after thorough investigation by agricultural and engineering experts, but opposes the wholesale demands for reclamation projects whether irrigation, drainage, clearance or fertilization either east, west, north or south."

A change in the postal savings bank law was favored, raising the rate on deposits to 3 per cent, making every rural carrier an agent to receive deposits, the deposits to be used by the Secretary of the Treasury to buy Liberty Bonds at par in the order presented for purchase.

The continued operation of the Government nitrate plant at Muscle Shoals, Ala., for the purpose of manufacturing fertilizer was favored.

The Grange went on record as favoring appropriations for building highways.

The Volstead act was indorsed and opposition registered to any change in alcoholic content permitted in beverages and a demand made for the election or appointment of officials who are in sympathy with the spirit and letter of the law.

The Grange also went on record as favoring the Federal Land Loan Banks, opposing speculation in wheat futures; opposing the Nolan bill, supporting co-operative organizations to develop water power; favoring arbitration thru an association of nations to prevent war; favoring the proposal to invite the International Dairy Congress to meet in the United States in 1922; favoring the honest labeling of woolen goods.

The Grange next year will meet in Oregon, probably at Portland.

Believes in Communism

THE fallacy of bolshevism," writes F. J. Fischer, of Beaman, Mo., "I think is not in what they would have but in the way they would get it. Communism by force of arms is incongruous. The method defeats the end. To maintain communism with the commercial dollar is also an incongruity. It would certainly be folly to cut grain with a binder and not use twine. To apply old methods of living to a new plan of living makes the new plan seem a folly, while in reality the foolishness is in the old method.

"I do not believe that communism is against human nature more than militarism or for that matter, commercialism. Honor and fellowship I think are as much in accord with human nature as fear and distrust, or greed and in-

dulgence and I am sure they are more humane. I do not think the fallacy of bolshevism lies in communism. These Russians never have given up the idea of profiteering. We are all in the same boat with them. It is that side of our nature that has been developed. I think your idea that communism rests on the premise that the requirements of one person are the same as that of another is a mistake, for every man would have the privilege of planting flowers or not as he chose. Besides having the privilege he would have better opportunity. Communism is not practicable now but can be made practicable and you might help."

I think I get Mr. Fischer's idea and concede that there is some force in it. He would spread the idea of the ideal family over the whole world. In the ideal family it is true that rewards are not distributed in proportion to the ability to produce. If there is a cripple in the family, the strong members of the family care for him and give him the best there is, better in fact than other members of the family receive, altho he produces nothing at all and because of their pity and affection for this unfortunate one, the strong brothers and sisters not only make sacrifices for him but do it gladly.

If, however, every member of the family is strong and able to work, but some member is lazy and neglectful and does not do his share of the work the others will soon grow tired of doing his work for him. And after they have grown up and gone out into the world to shift for themselves, while the members of the family may still cherish brotherly and sisterly affection for one another and still be willing to help one another in times of trouble, every one of them expects to obtain rewards proportioned to his or her capacity, judgment and industry. Moreover the ones who do not succeed as well as some of their brothers or sisters if there is a real family affection, are not envious of the success of the others but proud of it. The only communistic societies which ever have attained even a moderate degree of success are those which have been intensely religious and even they scarcely have held their own.

It is possible that in some future age the human race will have attained to that high degree of altruism and unselfishness when everybody will not only be willing but glad to work for the common good to the very best of every one's ability without thought of selfish advantage. When that time comes if it ever does, I presume that communism will work. When that time comes there will be no need of any kind of government. I still insist, however, on my original proposition, that so long as human nature remains as it is, communism can succeed only in an industrial despotism.

However, I think there is some common ground on which Mr. Fischer and myself can stand. I will admit that the ultimate goal to be desired is that state of unselfishness in which men and women will desire to work for the common good rather than for mere personal advantage. All attempts to force men and women into a condition of equality will retard rather than hasten the reaching of this goal. I infer from what he says that Mr. Fischer rather holds to that opinion himself, so that it may be we are not so far apart.

Questions and Answers

A has a homestead which is planted in crops. B is a cattleman and A's homestead is located in B's pasture. B's cattle range on A's land. A has no money to fence with and the merchants won't trust him for the amount necessary to build a fence. Is there any law in Kansas to compel B to fence A's place or keep his cattle off A's place, which is located in Hamilton county, Kansas?

M. R.

If Hamilton county has adopted what is known as the herd law, A can compel B to either keep his cattle off his homestead by herding them or by building a fence strong enough to keep his cattle off. I do not know what the records of Hamilton county show—whether it is a herd law county or not. If it is not a herd law county, then A will be compelled to either build a fence or herd the cattle off his land.

A is an orphan who is now married. B was appointed her guardian. C and D went on B's bond for \$800. B absconded, leaving C and D to pay the bond. Nothing has been done to find B or bring him back. C and D are strangers to A. They have worked hard and scrimped on their own families to pay what they could. This has been going on for about 10 years. Can the law compel them to pay the rest or will it ever be outlawed? Why don't our law get after such rascals and bring them back instead of making such innocent persons suffer the loss?

W. K. D.

If C and D had not paid anything on this bond and no action had been taken to collect on the bond, it would have been outlawed, but the fact that they have made payments on it has kept it alive. In other words, they have acknowledged their liability. If the matter has been running for 10 years without any effort being made to apprehend B and bring him to justice, the charge against him may or may not be outlawed. If he has fled from the state, as

he probably has done and in that way gotten out of the jurisdiction of the state, his crime has not been outlawed and if you know where he is, you should make complaint to the county attorney and ask for a requisition for his arrest and return from the governor of the state in which he is now located. The trouble is not with our laws, but with the laxness of their enforcement.

What is the penalty if a man issues a check on a bank when he has no funds in the bank and had been told by the cashier not to issue checks until he had deposited the money? What recourse has the man to whom the check was given?

SUBSCRIBER.

Our law provides that it shall be unlawful for any person, corporation or partnership to draw, make, issue or deliver to another any check or draft on any bank or depository for the payment of money or its equivalent, knowing, at the time of the making, drawing, or delivery of any such check or draft as aforesaid that he has no funds on deposit in or credits with such bank or depository with which to pay such check or draft upon presentation. Any person, corporation or partnership wilfully violating any of the provisions of this act shall be guilty of a misdemeanor if check or draft is drawn for \$20 or less and shall be punished by a fine of not less than \$25 and not more than \$100, or imprisonment in the county jail for a period of not less than 10 days and not more than six months, or by both such fine and imprisonment. If the check or draft shall be drawn for an amount for \$20 or more, such person shall be deemed guilty of a felony and upon conviction shall be punished by a fine of not less than \$100 and not more than \$5,000, or by imprisonment in the state penitentiary for a period of not less than one year and not more than five years, or by both fine and imprisonment.

The proper remedy for the person to whom the check was given would be to complain to the county attorney. Of course, his debt being a labor debt would be a preferred debt and he might levy on any property which his debtor owned and sell that for the payment of the debt. Or, he may garnishee his debtor's wages if he is working for wages.

A bought a piece of land from B. B took a mortgage on the land for the purchase price, due in one year. When the year was up, B was nowhere to be found. A has sold the land and can't locate B or the mortgage. It has run two years. How is A to give a clear title to the land? How long would it be until the note and mortgage would be outlawed?

READER.

A cannot give a clear title to this land so long as this mortgage is a lien upon it. The statute of limitations in Kansas on a note is five years. If no payment is made on this note and mortgage for a period of five years, it would be outlawed and an action then might be brought to set aside the mortgage, which of course, is only an incident to the note. That is, the mortgage merely secures the payment of the note and the note being outlawed, the mortgage would also be outlawed.

Under the laws of Kansas does a boy have to have a license in order to be permitted to hunt opossum, skunk and rabbit with dog or with traps if he has permission to hunt from the owner of the land?

W. A. R.

Our statute does not make any exception on account of age. It says that no person shall shoot, hunt, trap or take in any manner any game, bird, or animal during any portion of the year without first having in his possession a license issued to himself. The statute provides that the provisions of it shall not be construed to affect the right of an individual resident owner of any land, or a member of his family to hunt or shoot on his own premises. The son of the owner of the land might hunt on his father's land without having procured a license, but he would not be permitted to hunt on other land, even with the permission of the owner.

1. Does a son-in-law or daughter-in-law have to sign the conveyance to the property willed by their father-in-law to his children so that they can sell it after his death, or can the father-in-law fix it so that they do not have to sign it? The daughter has no children, the son-in-law has children.

2. Why is it that a man does not have to give his children any of the property after his wife's death, but if the wife lives and the man dies she has to give half of the property to the children?

3. Has a man the right to sell land in Colorado without his wife's signing the deed?

4. Has the telephone company or electric light company a right to trim trees on private property or park-ways?

L. E.

1. Where property descends to a daughter or a son, and they are married, if this property is real estate it would be necessary in the state of Kansas that the wife or the husband of the son or daughter unite in the deed in order to make a good conveyance. The father could not arrange by will so that either the son or daughter could alone make a good conveyance. For the reason that such a conveyance would run counter to the Kansas law which makes the wife or husband heir to the one-half of the property of the deceased wife or husband.

2. The reason that a man does not have to give his children any of the property after his wife's death, while if the wife lives and the man

dies she has to give half the property to her children, is because it is so provided in the statutes of the state.

3. A man under certain conditions may sell land in Colorado without his wife signing the deed.

4. Cities of the first, second or third class have the right of eminent domain, and they might grant the use of the streets, alleys or the public ground for the purpose of protecting electric light or power lines, telegraph or telephone lines. They are not, however, under our statute, apparently given any right except so far as public property is concerned, and therefore the electric and power company would not have a right to destroy private property by cutting down trees without the owner's consent.

A and B own adjoining farms. A few years ago each put in his half of a division fence. About a year and a half ago C, a tenant of B's, carelessly burned part of B's fence and has refused to replace it. Can A compel B, the owner of the fence, or C, the tenant who put out the fire, to replace the same?

B says he does not use the fence and has a right to remove what is left of his share. Is that right?

SUBSCRIBER.

The only statute under which B has the right to remove his part of the fence and not replace it is Section 4,795, Chapter 38 of the General Statutes, which says:

"No person not wishing his land enclosed and not occupying or using it otherwise than in common shall be compelled to contribute to, erect, or maintain any fence dividing between his land and that of an adjacent owner; but when he encloses or uses his land otherwise than in common, he shall contribute to the partition fence as in this act is provided."

If, therefore, B is not using his land except in common, he would not be compelled to erect his part of the fence; but if he pastures his land or in any other way uses it except in common, then A can compel him to erect one-half of the partition fence.

A and B live on adjoining farms. Both are renters and each have one end to fence. A built his half new last spring. B agreed to, but did not. A wishes to pasture his place adjoining B's fence. (1) Is A liable to damage if his stock goes thru B's old fence? (2) Is Anderson county a herd law county? (3) A and C have the same arrangement as to division. A has a big hedge fence and C's cattle come thru A's hedge from C's pasture and damage A's corn. Who is responsible?

R. C.

1. Answering your second question first: Not having access to the commissioners' records, I do not know whether or not Anderson county is a herd law county. I am inclined to think it is not, but of this I am not certain.

2. Assuming that the county is not a herd law county, unless B's land is protected by a lawful fence, he could not collect damages for trespass by A's cattle.

3. A hedge fence is only a lawful fence when it has been so determined by a vote of the electors of the county. If it has been declared a lawful fence by a vote of the people, then it comes under the same rule as any other lawful fence and if C's cattle broke thru a hedge fence which was a legal fence, he is responsible for any damage that they may commit. If, however, the hedge fence never has been so voted by the people, then it is not a legal fence and C would not be responsible for damage caused by his cattle breaking thru the hedge.

I bought a farm in January. All the plowed ground on the place was in wheat and rented out. I was to get half of the wheat in the bin according to the contract. The renter wanted me to furnish meals and also wanted my help in threshing and stated that he would pay the bill. I have written him three letters with no reply. Would you advise me the best way to collect the bill?

READER.

If you can do so, go to the renter and have a talk with him personally. In all probability you can come to some amicable agreement. Of course, you are entitled to recover the value of the labor provided by you and also the meals provided. If you have, as a last resort to bring suit, you should employ a competent and trustworthy lawyer.

A deed is made to Mary Brown and her heirs and assigns. She dies leaving a husband and seven children. What part of the land can the husband hold and what part would each child receive?

2. One of the heirs dies leaving husband and three minor children. Can the place be sold before these children are of age?

READER.

1. At Mary Brown's death, her estate would be divided equally between her husband and her children. That is, her husband would receive one-half and every child one-seventh of the other half.

If the heir who died did so before the death of her mother, her husband would inherit nothing. If, however, she outlived her mother, then she would inherit her one-seventh interest and that would be divided between her surviving husband and children.

The estate might be sold by the administrator and the share belonging to this deceased heir's husband and children could be set aside and the husband appointed guardian of his children.

Our Washington Comment

By Senator Capper

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EVERY farmer knows what a job it is to overhaul a gasoline motor.

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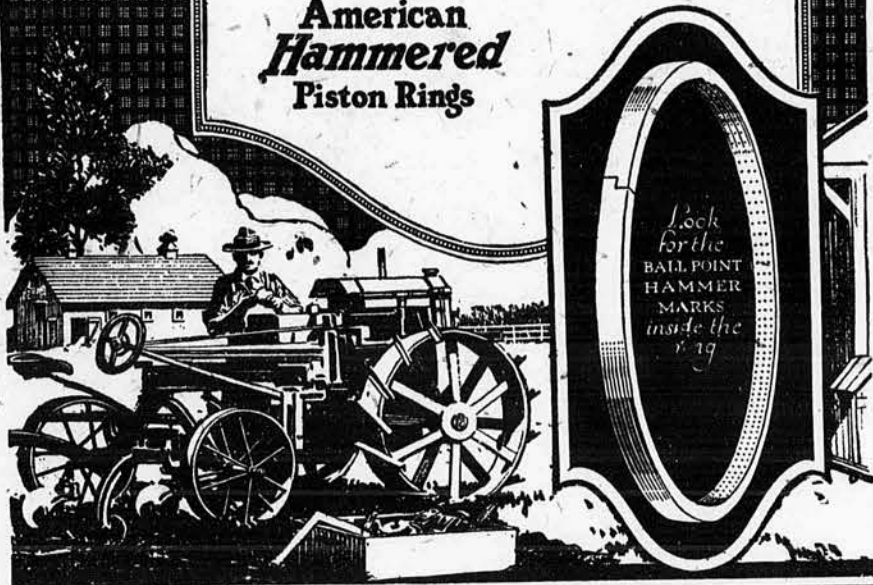
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NOT only in the United States is the evil of the gambling in food-stuffs recognized; Canada has been suffering from the vice in similar manner. Within the last week I received a letter from Joseph Archambault, a member of the Canadian Parliament, asking for a copy of my bill directed against speculation in futures. Mr. Archambault expressed the opinion that I was striking at the root of profiteering, and said that the "high cost of living" is quite as live a question in Canada as in our own country.

How much Canada is affected by our market conditions is illustrated by the flood of wheat that came from that country to our markets the past year. Throughout the year there was a steady flow, amounting to 753,324 bushels last January, dropping to 50,225 in April, and again to 36,798 in July, and then suddenly jumping up to 1,842,383 bushels in September; and the huge amount of 9,784,307 bushels in October, bringing the slashing reduction in the price of wheat that was so disastrous to Kansas and other Western wheat raisers. It was this flood of Canadian wheat, combined with the manipulations of gamblers, following the reopening of the Chicago Board of Trade, that broke the market and brought widespread disaster. I hope to see this Congress promptly enact a tariff measure that will protect the producers of America from the competition of foreign countries.

Must Stop Grain Gambling

Every mail brings letters of commendation of my bill to stop gambling in grain futures from people in the United States. The vast bulk of these letters are from grain growers, but hundreds of them come also from men in various lines of business, professional men, and in fact men in every line of activity, that is, everybody except the brokers of the various boards of trade. They are opposed to it. It is immaterial to them whether the buyer or seller is dealing in the actual grain or not; they get their commissions just the same. So they insist that the gambling shall continue.

Recent evidence of the opposition of the grain pits is shown by the report of the Federal Trade Commission, which recites that the board was unable to ascertain what percentage of the trading was bonafide and what percentage was pure gambling because of the refusal of the boards of trade to co-operate in ascertaining the facts. Enough has been learned from various sources, however, to establish the fact that not one trade in 20 on these boards of trade is bonafide. Nineteen of every 20 transactions are pure gamble. The seller hasn't the grain and the buyer doesn't care to have it; the so-called trade is no more and no less than a mere bet on what the market price of the grain involved in the deal will be during a given month. Such future trading is simple gambling, and it is that kind of trading my bill seeks to reach and prohibit.

This effort to stop gambling in grain and cotton futures is not new. It has been attempted before. Everybody but the broker admits the existence of the evil. Even the grain dealer and the miller, who deal in the actual grain, agree that future trading, so far as it involves speculation and gambling, is harmful, but they make out a pretty good case of "hedging"; that is, sales and purchases of the actual grain for future delivery as a protection against sudden fluctuations in the market. My bill is designed to permit legitimate dealing in grain and cotton for future delivery, but to make impossible, by means of a prohibitive tax, speculative dealing, where the actual grain or cotton is not dealt in; in other words, to put an end to the gambling that has played such havoc with the farmer's market in the past.

Waste in Public Printing

Under the leadership of Senator Smoot of Utah an earnest effort is being made to effect some economies in the matter of public printing. I am amazed at the number and extent of

publications printed in Washington at the expense of the Government. Nearly a hundred periodical publications are printed and circulated at Government expense. Every Government Department issues some sort of bulletin, newsletter or magazine. Many of these are never read, or they are read by so few people that it is an utter waste of public money to print them. There are countless reports, making huge volumes that are never opened.

The Executive and Administrative Departments and Bureaus are not alone in perpetrating this abuse on the people; Congress must accept its share of the responsibility. The limitless debates that take place on the floors of the Senate and the House add to this huge pile of printed matter published at Government expense.

I should like to see two reforms undertaken to eliminate this evil. No Government publications should be issued without the specific authority of Congress. The number of publications should be strictly limited to those that are absolutely necessary. Then I should like to see the House abolish its "leave to print" rule, which permits a member to print in the Congressional Record remarks that were not made on the floor, and to have numerous copies of such speeches made for widespread distribution under the franking privilege. The Senate does not have this "leave to print" rule. Senators must actually deliver their speeches if they desire them printed, but there is too much debate in the Senate, and I hope to see a cloture rule that will limit debate adopted by the Senate. These reforms will save a vast amount of time of members that is now wasted and effect a great saving of money to the Government.

War Plans Too Expensive

Such measures can afford some relief, but after all they will be ineffective unless Congress effects vast savings in other ways. Our National debt is so colossal now that it requires more than a billion dollars every year merely to pay the interest. That is as much as the debt itself amounted to in the year before the World War. There is no escaping this billion dollars of expense every year. To make it worse, Uncle Sam should be receiving nearly half this amount annually from the European governments as interest on the 10 billion lent to our allies since the war began, but these governments either are unable or unwilling to pay, so Uncle Sam has to go down in his own pockets—which means the pockets of all the people—to pay the interest on these bonds.

This billion interest charge is but one-fifth the amount asked for to run the Government the coming fiscal year. Of the other 4 billions, the War Department requests almost a billion for the Army alone, and the Navy is not far behind with a demand for 700 million dollars. The two military branches of our Government ask that more than a third of all the money spent by the National Government—aside from the interest charge—shall be spent on those services. The House of Representatives, where the appropriation bills originate, indicates that both these estimates are to be greatly slashed, but the cut will have to be deep and wide if any real saving is effected.

The only real solution appears to be an International agreement on disarmament. Senator Borah of Idaho recently proposed such an agreement between the United States, Great Britain, France and Japan. The suggestion has met an instant response in Japan. Great Britain and the United States will have to come to it, too, if they are to escape eventual bankruptcy. Militarism is our most costly and useless luxury.

Arthur Capper
Washington, D. C.

Uncle Ab says: I always try to keep my work in front of me; when it gets behind and begins to push me, it gets me worried.

Wool Growers Organize

Representatives of the various sheep and wool growers' associations of Kansas met at Manhattan December 21, and formed the Kansas Co-operative Sheep and Wool Growers' association. The object of the organization formed is primarily to market the Kansas wool clip co-operatively. The association will be incorporated under the laws of Kansas with a capital stock of \$5,000, divided into 5,000 shares at \$1 a share. The association will begin business when 20 per cent of the capital stock is subscribed for.

The meeting was called by the Kansas State Farm Bureau at the request of the growers themselves. When the wool buyers of this section of the country refused to bid on wool in the different farmers' pools in Kansas last spring, the sheep men of the state met at three sectional conferences, to act as a wool committee to decide what should be done in regard to marketing the 1920 clip, as well as the steps to be taken toward perfecting an organization to handle wool in subsequent years.

The committee, composed of Seth Fenton, Vinland, C. H. Stewart, McCune, and H. J. Winslow, Dalton, met and recommended that the Kansas State Farm Bureau be asked to take over the wool clip of 1920 and store it to be marketed and to call a meeting for forming a state organization of wool men.

Any person engaged in raising sheep or producing wool may become a member by purchasing one share of the capital stock. The constitution provides that the association shall appoint a paid manager who shall act as business agent of the association. The manager shall be bonded and shall handle all funds, receive membership fees, and transact the general business of the organization.

The association formed is to be a state unit of the National wool selling agency provided for by the sheep and wool committee of the American Farm Bureau Federation at a meeting held at Chicago recently. This committee will look after the marketing of the 1920 wool clip.

The articles of incorporation provide for a board of directors to administer the affairs of the association. This board shall have nine members, one from every Congressional district, and one to be appointed by Kansas State Farm Bureau.

The board of directors elected were: First district, E. E. Schultz, Lawrence; Second district, Seth Fenton, Vinland; Third district, C. H. Stewart, McCune; Fourth district, Anton Ptacek, Emporia; Fifth district, J. H. Van Kirk, Washington; Sixth district, W. E. Hockett, Beloit; Seventh district, A. L. Stockwell, Larned; Eighth district, H. J. Winslow, Dalton. Kansas State Farm Bureau representative, C. R. Weeks, Manhattan.

Officers elected were: H. J. Winslow, president; W. E. Hockett, vice-president; C. R. Weeks, secretary. The board of directors in a session lasting until late at night elected C. G. Elling as paid manager to act temporarily.

Capper Man Wins Road Prize

Word has just been received that the Kansas Good Roads association has awarded a cash prize to Frank A. Meckel, Farm Engineering Editor of the Kansas Farmer and Mail and Breeze and the other Capper Farm Publications for one of the best editorials on "Why Road Amendment No. 3 Should Be Adopted."

The Kansas Farmer and Mail and Breeze was behind the good roads amendment with all its force during the campaign, and it takes pride in its stand on this matter since the amendment was received with so much favor by its readers.

The Kansas Farmer and Mail and Breeze is furthermore proud of the distinction which has recently come to it as being one of the three papers in the whole state of Kansas participating in the prize money distribution, and it hastens to congratulate Mr. Meckel on his achievement, and to express its appreciation to the committee of judges which awarded the prizes.

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WHEN WRITING OUR ADVERTISERS PLEASE MENTION THIS PAPER

Jayhawker's Farm Notes

By Harley Hatch

FOR A FALL in which one could work every day this one surpasses any we have had for several years. For the last eight weeks or more not more than one day in the week has been lost by reason of bad weather and some of those weeks had not even one bad day. We have had moisture in plenty, too, so that the wheat is going into winter quarters in the best of condition. It is not the first half of the winter that kills the wheat, however not until February is past can we be sure that the wheat is safe.

Much Wheat in Storage

About 50 per cent of the wheat crop of 1920 is still in the hands of the men who grew it here in Coffey county. Most of them intend to hold what they have left until next spring, at least, provided the price does not suit them sooner. As one wheat grower expressed it to me this week: "We just wish to forget that we have any wheat in the bin until we find that the growing crop is safe next spring. By that time the buyers will conclude that they will have to pay the grower a living price for his grain if they get any of it." I agree exactly with that sentiment.

Shelling New Corn

New corn, altho it has been husked two weeks, is very tough yet and dries out slowly. It needs a sharp freeze to make it shell easily. Recently we shelled out a load to grind and the new sheller handled it well altho it could only be fed to probably 50 per cent of its rated capacity. We have enough corn outside in slat cribs to feed all winter and it is this corn which we are shelling. When it comes to shelling from the cribs we have a 12-foot drag which we will put to good use. This "drag" as it is called, is a 12-foot extension feeder and by setting at each end of a 32-foot crib one can shell all of the corn out without much extra scooping.

County Builds Concrete Bridge

A good, substantial concrete bridge has been put in lately across the creek at the east side of the Jayhawker Farm. For 25 years we have been making this creek crossing on some rocks which had been thrown in from time to time. These rocks kept one out of the mud but were very rough to cross with a loaded wagon and it was especially bad for a load of hay. But now we have a good bridge and the grading was finished last week. On such a bridge the county pays part of the cost and the township the rest. This concrete bridge is 18 feet wide, 6 feet high and 12 feet long. It was made according to plans provided by the county engineer and the cost will be not far from \$700.

Feeding Hogs Not Profitable

We have a bunch of hogs which we have been feeding since new corn arrived and they will soon be ready to sell. We hope that we can let them go soon for even if they are gaining well they can't make gains fast enough to equal the loss in price. These hogs will weigh twice as much now as they weighed October 1, but had we sold them then as stock hogs we would have received almost as much as they would bring as fat hogs today. We are making a present of all this gain in weight to someone, but to whom we don't know. If it goes to some meat hungry consumer, all right; we will make the donation without a kick. But if it is going to the packers or to help equip some palatial city market we would kick mighty hard if we had the recipient here to kick.

Grain Prices Too Low

A neighbor who has two farm products to sell, Shrock kafir and baled hay, told me this morning of the magnificent offer he had just received for them. For the kafir he was offered 25 cents a bushel delivered in town, 12 miles away. This would pay the threshing bill and the cost of hauling but would not leave him anything to pay for the hearty dinner the threshers

were sure to eat. For the baled hay he was offered \$3 a ton at the barn and our neighbor expressed surprise that the man who made the offer did not desire to have him to do the hauling. The actual cost of baling alone for this hay was \$3.75 a ton and this did not include anything for the hay or for the mowing and raking. The tenantry amendment to the constitution which enables a man to buy a farm on a shoestring will go well with such prices as quoted. What a farmer needs to enable him to pay for land is not a chance to go in debt but a chance to sell his products at a price which will pay at least cost of production. Is there any city man who has been envying the fortunate farmer who wishes to come out on the land and take a chance at getting rich by raising kafir for 25 cents a bushel and hay at \$3 a ton?

An Opportunity With Hogs

(Continued from Page 3.)

into lots, all opening on the lane. In developing his place Mr. Caldwell plans to set out two groves to give shade to the hogs in the summer. He is undecided whether to plant Catalpa, Willow or Mulberry trees, altho he is inclined to favor the Catalpas. Probably 2 acres will be planted to trees. He also plans to build several open sheds. An elevated water tank is another improvement he has in mind. Mr. Caldwell feeds corn and lots of oats to his hogs. The ration also includes shorts and oil meal. In the summer the hogs graze on alfalfa and in the winter they are fed alfalfa hay.

The Caldwell herd works out about fifty-fifty between breeding and general market stock. Hogs he sells for breeding purposes are carefully culled or the percentage for breeding might be larger. He averages from 30 to 40 boars and 150 gilts and sows a year for sale as breeding stock. His hogs have been sold in Kansas, Texas, Oklahoma, Ohio and Indiana and in smaller numbers in many other states. Few are sold before they are 9 months old.

Colonel Bob, a 3-year-old boar, sired by Caldwell's Big Bob—world champion Poland China boar in 1917 at the National Swine Show—heads the Caldwell herd. This boar was bred and raised by Caldwell and sold to a Nebraska breeder. When Mr. Caldwell's Big Bob died last summer, Mr. Caldwell bought back Colonel Bob. He values this boar at about \$5,000. Caldwell also has a young boar, The Giant Kansan, of which he is very proud.

Mr. Caldwell has a right to be interested in hogs. Two sows paid his way thru high school and college. He worked on his father's Iowa farm in the summer and his father provided the feed for the pigs. Caldwell made enough money out of them to pay his expenses.

In 1912 Mr. Caldwell went to Howard, Kan., where he purchased a farm and a herd of purebred Poland China hogs, containing 50 brood sows. He got some costly lessons while learning the purebred business and would have learned more quickly if he had started on a smaller scale, he says. He had to cull out his herd and finally ended up by getting a practically new start.

In February, 1919, Mr. Caldwell bought a 120-acre farm just west of Topeka. He brought with him 12 aged sows and 40 head of young sows. The herd was headed by Caldwell's Big Bob.

Supplementary to his hog business Mr. Caldwell plans to go into dairying. He says it will fit in admirably with his breeding business and he has an excellent market within 3 miles of the farm. On the place there is a big dairy barn, with a capacity of 40 cows and a 100-ton silo. Plenty of feed for a medium sized herd is produced on the farm. Additional feed can be obtained nearby.

The dairy barn has a cement floor, stanchions, feed bunkers and is lighted by electricity. It was used by the former owner of the farm who was a dairyman.

Farm Engineering

BY FRANK A. MECKEL

When belts persist in running too far to one side of the pulleys it sometimes is caused by the uneven stretching or shrinking of the belts. When it is not convenient to line up the pulleys or to cut the belt, it often may help matters to turn the belt around so that the other side is nearest the outer edge of the pulley.

Concreting in Cold Weather

When concrete is laid in cold weather some precautions are necessary or the entire job may have to be gone over again. Aggregates and mixing water should be heated to about 150 degrees Fahrenheit in order to insure that concrete is of the proper temperature when placed. Concrete when placed in the forms should have a temperature of not less than 70 degrees.

When the prevailing temperature is anywhere between 40 and 50 degrees, it is time that the aggregates and mixing water should be heated, and when the temperature is likely to fall below freezing, the materials should be heated and the concrete protected against the freezing. Forms should be warmed before placing the concrete and all snow and ice should be removed. Forms should be left in place until the concrete is self supporting.

Warming Up the Batteries

Many stationary engines and some tractors are equipped with batteries for starting purposes, and very often it seems to be almost impossible to start such engines on a cold morning. The batteries are affected by the extreme cold and they simply will not produce a spark. They are not seriously harmed by the cold, and if taken into the house and warmed for an hour they will work as well as they ever did, provided they are not too old, or that they have not been out in the cold for a number of weeks. The next time your engine refuses to kick off on the batteries, try this warming stunt instead of throwing the batteries away and buying new ones. They soon run into money, and the old ones often can be made to answer the purpose for several months longer if they are properly "coaxed." A mighty good plan is to have the batteries in a box so that the entire outfit may be taken into the house on cold nights.

Tile Roof for Cave

I am building a cave 7 by 9 by 6 feet. It will be 3 feet above ground, the walls of concrete. The roof is 1 1/2 feet thick of hollow tile. I intend to lay the tile flat with 1 1/2 inches of concrete on top. Will this roof freeze?
G. D. HOBART.

I assume from your letter that you intend to make the cave 6 feet high, with 3 feet below the ground and 3 feet above.

Since you are making the arched roof of hollow tile, with a dead air space provided, there should be absolutely no danger of freezing in such a cave. Should you ever discover that things do freeze in it, you will be easily able to mound earth up over the roof, thus protecting it further. However, there should be no trouble at all.

Storage Batteries

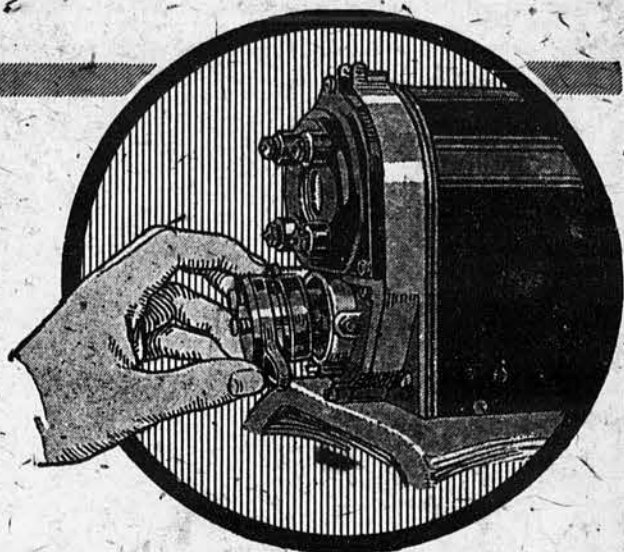
Is it possible to make a storage battery for lighting purposes? I wish to use about three automobile headlights. How should I proceed in making it?
M. S. Olmitz, Kan.

It is not advisable to attempt the making of a storage battery on the farm. You might be able to get the plates and jars for the battery, but you probably would have trouble. The best plan is to purchase a lighting battery from a reliable battery company. It might be well to get a battery which you could charge with your automobile generator at times when the car is running. The success of any battery depends largely on the plates, and unless you are a battery expert and know just the size and quality of plate you need, you should not attempt to make a battery.

Kansas is a prairie state and has always had a meager supply of timber compared with the total area of the state. Only 1 acre in every 25 is covered with timber, and the greater part of this is in the Eastern third of the state. What timber there is has been cut over until the trees that remain are mostly culls and wholly unfit for lumber.

The K-W Removable Timer

What It Means to Your Tractor



The spark which makes your tractor go depends on two platinum "points" in the "timer" or "circuit breaker" of the magneto. These points close and open for every spark—hundreds of times per minute.

Every ignition system contains a circuit breaker. Have you ever examined your circuit breaker, or because of its location are you content to hope it will never cause trouble?

Good operation of an ignition system demands that points be kept free from oil and dirt, dressed to keep the two surfaces flat and adjusted to open 1-64 of an inch.

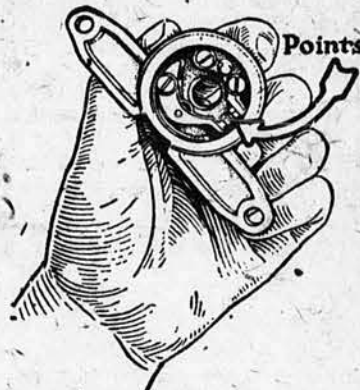
To neglect these points means certain trouble—to care for them takes only a few minutes a year if the magneto is properly constructed.

On the K-W Magneto this entire mechanism (—the complete circuit breaker, platinum points and all) can be removed from the magneto as one unit in half a minute's time and held in the hand while inspecting, cleaning or adjusting.

This is one of the advantages of K-W Magneto design. It is made easy to care for and therefore gives better service.

Carry an Extra Timer

Many farmers know that an hour's tractor time lost often costs more than several magnetos. They equip their tractors with the reliable K-W Magnetos and carry an extra timer or circuit breaker which can be slipped in place instantly when the points need replacing. The old points can be replaced at leisure. Thus constant operation is assured.






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MORE COMPANY, Dept. 312 St. Louis, Mo.

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in colors explains how you can save money on Farm Truck or Road Wagons, also steel or wood wheels to fit any running gear. Send for it today.

Electric Wheel Co., 39 Elm St., Quincy, Ill.

Kansas Farmer and Mail and Breeze Money Saving Order Blank

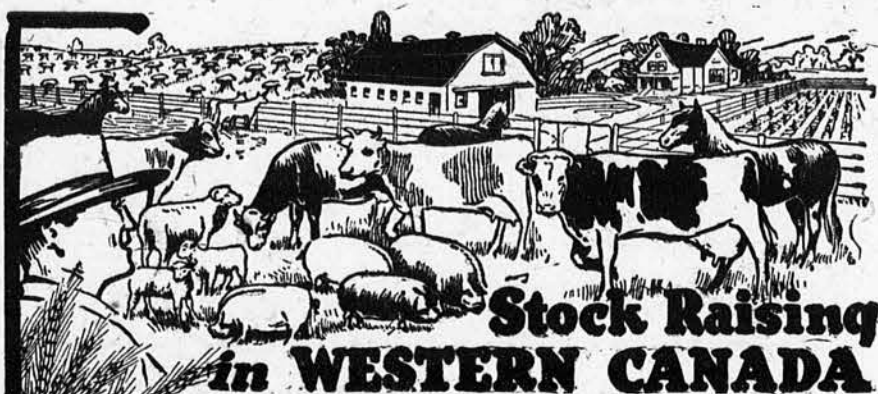
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If the date after your name on the label on the cover of this issue is Dec. 20 it means your subscription will run out in Dec., 1920. Send in your renewal right away so as not to miss a single issue.

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The regular subscription price of Kansas Farmer and Mail and Breeze is \$1.00 a year. You can save \$1.00 by sending us your order for a three-year subscription at \$2.00. Or you can send us two yearly subscriptions at \$1.00 each and get your own subscription free.

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If you want to get back to the farm, or to farm on a larger scale than is possible under your present conditions, investigate what Western Canada has to offer you.

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Razor will be sent to you post paid. For those with very strong wiry beards, we recommend our \$4.00 SHUMATE Razor, specially ground for this purpose. In remitting, give us your dealers name, and a chamomile lined, rust-proof case will be included with your razor.

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Not a toy, but full size and well made. Sweet tone, ready to play. Sell 40 tan cent packets Garden Spot Seeds and get this Mandolin Free and post paid. Send no money. We trust you with the seeds until sold. Write today—

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Many who are inclined to over-thinness, or anemia and dread winter's cold, should take

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and keep on taking it and realize how effectually it warms and strengthens the body and helps make winter enjoyable.

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Pigs squeal for it! INVESTIGATE!

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This is the old reliable company—we treat you right.

Plays any size or make disc record. Strongly and durably made, will give you pleasure for years. Fully guaranteed. We give machine with record free for selling only 40 packets of Garden Spot Seeds for on at 10c per pack. No money required. WE TRUST YOU. Write for seeds today. When sold, send \$4.00 collected and Talking Machine, complete, is yours.

Lancaster County Seed Co., Sta. 19, PARADISE, PA.

Capper Poultry Club

All Aboard for a Trip Thru the New Year

BY MRS. LUCILE ELLIS
Club Manager

It isn't any trouble just to s-m-i-l-e. It isn't any trouble just to s-m-i-l-e. No matter what the trouble, it will vanish like a bubble. If you only take the trouble. Just to s-m-i-l-e.

MORALE is a wonderful thing. What would our soldiers have done without it during the Great War? How could they have won without the spirit and zeal which were theirs? In publishing "Veal, Ham and Eggs," Mrs. Gilbert Smith has helped to keep up Rice county's morale. "It Isn't Any Trouble Just to S-m-i-l-e," to be sung to the chorus of the "Battle Hymn of the Republic," is just one of the good things contained in the last issue of Rice county's little paper. Here are others:

It's the manner in which we do our tasks that is deciding the kind of men and women we are making of ourselves.

We have all enjoyed the year's work and have gotten good from it in proportion to the effort we have put into it. It's a sort of preparation for what is ahead of us.

Here's a good thought for you who are beginning to deal with customers:

To be sincere. To look life in the eyes with calm, undrooping gaze, always to say the high and truthful thing; never to screen behind the unmeant word; the sharp surprise of cunning; never to let the little lies of look or thought; always to choose between the true and small, the true and large, serene and high above life's cheap dishonesties.

A Vision for 1921

I am very proud of the fine, hustling club I had last year, but I've been building air castles about the Capper Poultry club for 1921. This is what I see in my dreams: Ten girls and 10 mothers in every county in Kansas; a leader in every county; regular monthly meetings being held; hundreds of letters coming to the club manager; every member full of pep and enthusiasm; the entire state interested in us and our work. That's some dream, don't you think? I wonder if you're going to help me make it come true.

I've already told you what our motto is for this year, "Every Member Get a Member, if Not in Her Own County, in Some Other County." Won't it be fun to see how many can make good? I think I'll have to start an honor roll and on it put every girl's name who lines up a member. Write and tell me what you think of this plan. Be sure to tell me if you'd like some extra application blanks to hand to your friends. I'll be glad to send some to you.

It sometimes happens that a county begins by showing a lot of pep, but as the year passes its pep dwindles until there isn't any left. Not so with the majority of counties in the race last year. The contest for 1920 came to a close with a big flourish. It's almost as if someone, in a slang expression of the day, had said to my club members, "Make it snappy." December meetings were better attended by club members, had bigger crowds, and more real pep was displayed at

them than at any other time of the year. There's the pie social which Johnson county gave with 100 in attendance; Coffey, Linn and Leavenworth counties' big meetings at which enthusiasm was at its height, and lots of others.

To say the club meeting which the Andrew family and I attended in Leavenworth county was interesting would be putting it too mildly," wrote Edythe Brown of Johnson county. "We enjoyed every minute of it. Those girls surely are full of pep."

Grading of the county leader blanks, annual reports and stories hasn't been completed yet, so I'll have to wait till my next story to announce the prize winners. Then won't there be some happy girls? I can almost see them as they read the good news.

But here's something almost as good, not a prize for 1920, but one for this year. In fact, two of them. "I wish to offer a \$25 Black Langshan cockerel to the Capper Poultry club girl who wins first place with Black Langshans," wrote J. A. Lovette of Mullipville, Kan. Doesn't that please you who are planning to enter this breed? Mrs. E. R. Harbison, De Soto, Kan., member of the mothers' club in 1919, wrote that she wishes to offer as a prize a pair of the best birds she raises this year. This prize will go to the girl who raises the most Buff Leghorn chickens. Mrs. Harbison said: "I am sure the winner will always be glad she chose this breed and the more she hatches, the more she will want to hatch. I raised more than 600 of these golden beauties in 1920."

A bank account, a little flock of chickens all your own, good times—these are yours simply by filling out the application blank and lining up for Capper Poultry club work. It's never too early to begin a good thing. If you aren't already a member, it will pay you to become one now.

Our Best Three Offers

One old subscriber and one new subscriber, if sent together, can get The Kansas Farmer and Mail and Breeze one year for \$1.50. A club of three yearly subscriptions, if sent together, all for \$2; or one three-year subscription, \$2.

Turkey hens can easily be broken of their broodiness by confining them for two or three days to a coop with a slat bottom. They will mate soon after being let out of the coop and begin laying in about a week.

Soon after mating turkey herds begin to look for nesting places and usually start laying in from a week to 10 days after the first mating. One mating is sufficient to fertilize all the eggs of one litter.

Capper Pig and Poultry Clubs

Capper Building, Topeka, Kansas

Earle H. Whitman, Pig Club Manager. Mrs. Lucile A. Ellis, Poultry Club Manager.

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

(Write pig or poultry club)

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

Signed..... Age.....

Approved..... Parent or Guardian

Postoffice..... R. F. D..... Date.....

Age Limit: Boys 12 to 18; Girls, 10 to 18.

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It tells how in a few weeks you can earn from \$150 to \$400 a month in the Auto and Tractor business.
Be Your Own Boss. At small cost learn to be an expert mechanic by the Sweeney System of working on real cars. **Use tools not books.** Simply send your name and address today, a post card will do, for our free book and 27 photographic reproductions of machine shop work, etc. Let's Go—Write Now!
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"The Old Dutch Mill"



1921 Calendar Free

We will give a lovely new calendar lithographed in nine tints and colors free with all club orders received before January 20, 1921.

Kansas E. and Mail and B. 1 yr. \$1.00
Kansas F. and Mail and B. 3 yrs. 2.00

Kansas F. and Mail & B. 1 yr. Club 2 Both for Capper's Weekly, 1 yr. \$1.60

Kansas F. and Mail & B. 1 yr. Club 3 All for Household, 1 yr. Capper's Weekly, 1 yr. \$1.90

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Kansas F. and Mail & B. 1 yr. Club 5 All for Woman's World, 1 yr. People's Popular Mo., 1 yr. \$1.45

Kansas F. and Mail & B. 1 yr. Club 6 All for Today's Housewife, 1 yr. Good Stories, 1 yr. \$1.60

Kansas F. and Mail & B. 1 yr. Club 7 All for American Woman People's Home Journal. \$2.10

NOTE—If you should happen not to find your favorite magazines in these clubs, make up a special club of your own and write us for our special price. We can save you money on any combination of Kansas Farmer and Mail and Breeze and any two or more other magazines you want.

Kansas Farmer and Mail and Breeze, Topeka, Kansas.

Enclosed find \$..... for which please send me all the periodicals named in Club No. for a term of one year each and send me a calendar free.

Name.....

Postoffice..... State.....

Street..... or R. F. D..... Box No.....

Catarrhal Fever

BY DR. CHARLES H. LERRIGO

In the Journal of the American Medical association appears an article suggesting that all attacks of colds, grippe, or influenza be classified together, and the old name of catarrhal fever used to designate them.

The writer makes the strong point that it is almost impossible to detect any difference between the early stages of these diseases. All have running noses, watery eyes, possibly sneezing, a little fever and a general feeling of "cussedness." All require the same treatment, which is, mainly, segregation from the rest of the world, rest in bed until the fever has disappeared, then proper diet and care.

Very well, you say, what's in a name? It will make no difference what we call it. But that is just the point. A man with a "bad cold" gets no sympathy and no attention, and the chief advantage of using the term "catarrhal fever" is that it might be used to do away with the miserable diagnosis "A bad cold."

This diagnosis has been responsible for hundreds of deaths. A man decides that he has "a bad cold." Of course it won't do to give up work just for a cold, so he stays on the job until pneumonia comes and a diagnosis is made that he can't get away from. Meantime he has suffered tremendous damage thru being up and active when he should have been resting quietly in bed.

I am not trying to make business for the doctors. All the good ones have plenty to do, anyway. But I believe that altogether too many lives are lost every year because "colds" are considered a light matter. I insist that every cold that has associated with it a rise of temperature is entitled to rest in a comfortable bed until all trace of fever has disappeared.

So I am very much in favor of classifying "bad cold," "a touch of the grippe" and "influenza" as diseases of a sufficiently dangerous type to require isolation and rest in bed.

Questions and Answers

Do sweet potatoes contain the same food for the blood as Irish potatoes? Are beef and pork easily digested and which ranks first? Also advise me concerning the breads such as graham, corn and plain white bread. E. H.

It depends upon just what you mean by "food for the blood." Sweet potatoes will give the most heat and energy, white potatoes will give the most tissue building. But they are both very good and there is no marked difference as to their value in either direction. Beef is more easily digested than pork and ranks first in real food value the second in production of heat and energy. The breads are fairly equal as to digestion, and the entire wheat bread leads in food value.

Bronchial Complaints

Is bronchial asthma dangerous? Does tuberculosis ever start from it? Does pleurisy with chills and fever, ever cause tuberculosis? Where can one have the sputum examined and what would be the cost? H. M. L.

Bronchial asthma is dangerous to health but it is not often a cause of death. It is no more likely to lead to tuberculosis than any other bronchial affection. Pleurisy with chills and fever is an early sign of tuberculosis in many cases. Any citizen of Kansas may have sputum examined free of charge at the diagnostic laboratory of Kansas state board of health, Topeka. A special container for the sputum is provided on request. The best way is to get your doctor to get the container and instruct you as to sending the specimen, and have the laboratory report made to him.

Remedy for Dandruff

How would you advise me to treat my scalp for dandruff? I have heard different people say that washing your hair in salt water will make it come out. Please give me your best advice in regard to dandruff. O. M.

I do not advise the use of salt water. The best treatment for dandruff is to increase the activity of the circulation of blood thru the scalp. This may be done by vigorous and regular brushing with a brush stiff enough to make itself felt, but do not brush so hard as actually to irritate or inflame the skin. Frequent massage of the scalp by using the finger tips is also helpful. Sometimes the dandruff is caused by eczema in which case special treatment is needed.

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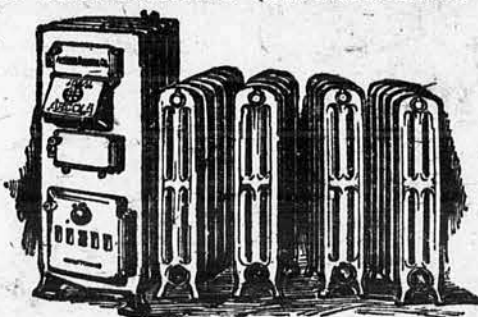
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Our Kansas Farm Homes

Mrs. Ida Migliario
—EDITOR—

Just a Sample of the Interesting Things Our Readers Write to Us

I HAD READ about the advantages of the pressure cooker and wished for one, but to own one seemed impossible. However, there was one among the gifts that came to me last Christmas. Like the small girl with her first doll I could



scarcely sleep for planning what I would do with it the following day. New Year's proved to be the banner day for this interesting utensil. We visited my brother and his family, who live 12 miles from us, and of course it was late when we returned. After such a ride we were chilled thru and I thought we should have a bowl of hot soup.

Would you believe that within an hour we were seated at the table enjoying vegetable soup? Knowing how long it takes to cook a soup bone in the open kettle, it sounds almost like a miracle, doesn't it? There was little work for me to do. I first placed my cooker on the stove to warm while I was preparing my vegetables. That did not take long, because 1 potato, 1 carrot and 1 onion cut in small cubes, was sufficient to flavor the stock. I added 1 cup of tomato to the meat with the vegetables and seasoning and 2 cups of boiling water.

Thirty minutes under 20 pounds of pressure was all that was needed to produce the finished product. The soup stock was so rich I diluted it. We had crisp crackers and sour pickles as accompaniments, and apples for dessert—all this for a family of four with practically no work and little time.

Perhaps my enthusiasm over my pressure cooker is of no special interest to the readers of the home department, but I enjoy reading about other homemakers' labor-saving devices and I thought maybe some one would appreciate hearing about my newest utensil.

Gentry Co., Kansas.

A Good Money Maker

The young married folks' class of our Sunday school had an unique social recently to raise money to buy new song books for our church. It was so successful, both from the financial and entertainment standpoints, that I should like to pass the idea along.

The minister announced the Sunday before that a "Forced Sale" social was to be held the following Friday evening at the church, and asked us not to forget our pocketbooks when we came. Curiosity and interest were aroused to such an extent that the basement of the church was crowded on the evening of the "sale."

A stand had been erected near the door from which small calico bags containing 50 beans each were sold for 50 cents. Each bean represented 1 cent, it was explained. The guests were expected to buy one bag.

When all were on the scene, we were quieted by the sound of loud sobbing followed by soothing words coming from the ante-room. The door opened, and a quaint, old-fashioned couple entered. The man was dressed in a suit of rusty black with a bright vest. He wore a little old derby on his head, and an old-fashioned bow tie around his neck. His hair was white and he had an iron-gray goatee. On one arm he carried a large covered basket, and in the other hand a red bandana handkerchief with which he wiped the tears from "mother's" eyes. "Mother" was dressed equally as old-fashioned as he. The couple mounted a platform at the other end of the room, and in fal-

tering terms, the old man explained that owing to failure of crops, he, Hiram, and Mirandy, his wife, were obliged to sell their household effects at a forced sale. As the objects were very diverse and many of them worth twice what they would be sold for, he explained, the auction method seemed most satisfactory. So Hiram mounted a table and auctioned off each bundle. Mirandy assisted him by extolling the value of the goods with a tearful voice. Her grief was pathetic enough to be genuine as she parted with a "favorite household treasure." Needless to say, her attempts at sadness were received with much laughter by the audience. The packages were paid for with the beans, and 50 beans was all that could be bid on one package.

Mirandy and Hiram were, of course, two members of the class, costumed for their act, while all the goods in the packages had been solicited for the occasion from persons interested in the Sunday school. The packages contained candy, books, cakes, fancywork, aprons, or anything the donors cared to give.

After the auction, light refreshments were served and the children played games while the grown-ups visited. The class was well satisfied with the money they cleared, and the guests agreed that the fun alone was worth the 50 "beans." Mrs. I. E. M. Shawnee Co., Kansas.

Variety in the Meat Dish

When I go to town on Saturday, the children always ask what kind of meat I am going to bring home for the following week. If I say tongue, their eyes sparkle. We all like tongue. It has solved my problem of having "something different" for the meat dish. Tongue can be prepared in so many ways that there is no lack of variety if it is served for several consecutive days. If your folks clamor for a change in the meat menu, buy a tongue occasionally and try some of my ways of preparing it.



I usually have boiled tongue the first day. To prepare it, bend the tip of the tongue around and tie it to the root. Put it in cold water and place over the fire. When it boils, pour off the water and put it on again in cold water. Boil until tender and season with salt and pepper, and a little onion if desired. Remove the skin, roots and fat and serve hot or cold.

For sandwich filling for the children's lunches, I chop some of the tongue and mix it with 1 teaspoon of prepared mustard, 1 tablespoon of melted butter, 1 hard boiled egg, cut fine, the juice of ½ lemon and a dash of nutmeg and paprika. If I have a salad dressing on hand, I mix some of it with chopped tongue and a hard boiled egg for sandwich filling. This also makes an excellent salad, and is pretty served on a lettuce leaf with a few slices of beet pickles.

Braised tongue is very good. Put the cooked tongue in a deep pan and surround it with ½ cup each of carrots, onions and celery diced, then cover with the following sauce: Melt ¼ cup of butter, add ¼ cup of flour and stir together until well browned. Add gradually 4 cups of water in which the tongue was cooked. Season with salt and pepper. (Stewed and strained tomatoes may be used in place of some of the water if desired.) Cover closely and bake 2 hours.

We are especially fond of breaded tongue served with tomato sauce. Cut the cold boiled tongue in slices about ¼ inch thick. Sprinkle with salt and pepper, dip in egg and crumbs and fry in butter. The tomato sauce is made as follows: Cook 1 slice of onion with ½ can of tomatoes 15 minutes, rub

thru a strainer and add to 3 tablespoons of flour browned in 3 tablespoons of butter. Season with salt and pepper. Pour this sauce over the fried tongue and serve hot. Mrs. F. E. H. Cowley Co., Kansas.

Borrowing a Library

Anyone watching the "Lady Aiders" as they enter our little country church on society days might think a school for grown-ups was in session, for each member has a book under her arm. This is the way it comes about: When we were making our plans for the winter's work this fall we determined to be of real help to the community. The recreation side of winter is always a problem and we decided to help solve it. So we obtained a library, believing books an important solution of farm leisure in the cold months. We wrote to Mrs. Adrian L. Greene, secretary of the Kansas traveling library commission in Topeka, and it wasn't long until a neat little library was shelved in our society corner at the church. Mrs. Greene co-operated promptly with us and I know she would be eager to help any of you who wish to establish a library in your community.

Before asking the state for the library we decided upon the kind of books he wished. We selected one or two dealing with agriculture, several on home economics and a few on nature study, poetry, history and biography. We were permitted to choose 50 books, and for the rest of the number we decided upon the best books of fiction obtainable, not forgetting a number of good books for children. The cost of establishing our library was \$2, which defrays transportation costs, though there is an extra charge of 25 cents for every month books are kept over the allotted time. We are to keep our first selection of 50 books six months, then return them and select 50 more.

Our experiment has been in action but a few months, but already it has proved a success. We check out books not only to our own members and their families, but to anyone of the commu-

When Gloves are Soiled

Silk and cotton gloves should be washed like knitted underwear. They should be pulled into shape gently and dried carefully. Washable kid and chamois gloves are cleaned easily in a sud made of lukewarm water and a mild soap. They keep their shape best if washed on the hands. Gloves should be rubbed gently because hard rubbing roughens the surface.

It is advisable to rinse gloves in clear, lukewarm water, slip from the hands, pull gently and blow into shape. When dry, soften by rubbing between the hands. A little talcum powder, lightly rubbed in, will restore the finish to glazed kid.

There are many dry cleaners on the market that give satisfactory results, but one must remember they are explosive so must be used away from flame.—Ruth Wilcox.

nity who desires books. Everyone knows when the "ladies" meet and it is on those days that a bystander might well wonder if it was the fashion for grown-ups to attend school again. K. A. Atchison Co., Kansas.

Parcel Post to the Rescue

I notice that a writer in a recent issue of your paper speaks of the country as isolated. She must have reckoned without the parcel post. Or maybe she's like a distant cousin who used to keep house for dad and me. Annie was a good housekeeper and cook but—she didn't make good coffee! I re-

member, when I was a little girl, seeing her turn the coffee mill. It was a little box-like machine, and I liked to drop the plump grains between its knives. Annie didn't approve of little girls drinking coffee, but I slipped many a grain into my mouth instead of the old mill. Dad used to tell her to get some fresh coffee—"for goodness sake!" But she marketed in town only just so often and she wasn't going to have her groceries coming to the farm like "a parcel of letters." Her folks always had bought up a supply of coffee beans and ground each day's portion in the little old mill, and their way was good enough for us.

But I've taken charge of our house-keeping now, and dad says I make the best coffee in the county. I use the parcel post, mailing or phoning my orders to a big establishment in the city, and receiving my regulation 3 pounds of the freshly ground beans promptly and with postage prepaid. "Must grow better coffee beans than they used to," says dad when our morning beverage is particularly appetizing. I don't say anything, but I picture the little brown grinder, now relegated to the back shelf. And I explain to dad that it's just the promptness of my grocery boy, and he informs me that times do change. K. A. R. Lyon Co., Kansas.

Is Your Kitchen Too Large?

When we bought our farm, we felt that it would be necessary to remodel the old house instead of building a new one. This plan worked well until we came to the kitchen. That was a problem indeed. The room was very large, and I knew I should wear myself out walking if I placed my furniture in it. The room had only two windows in it, and the walls were painted dark green.

We built a partition across one end of the room, and by adding a few feet more, we had another bedroom which is convenient for the hired man. Then we put in another half window, under which I have my work table. The walls of the room were painted white, which was no easy task. Then I arranged my furniture as compactly as possible, and we installed a sink.

In the pantry, which adjoins the kitchen, we cut a window and built a cupboard at both ends. My kitchen now is conveniently arranged, and the white paint and the extra window make the room light and cheerful. I am very proud of the results of my efforts. Mrs. J. M. G. Pratt Co., Kansas.

The Question of Lights

I wonder if any other housekeeper ever found herself in my position? I had used kerosene lamps ever since I started housekeeping on the farm. Some of my friends have, in the last few years, installed electric light plants. When I visited them, I always returned home envying them their splendid lights.

But envy did not make my lights any brighter and I knew we could not afford electric lights, for we had had a great deal of sickness and crop failure. Recently, I discovered the solution to my problem. It was the gasoline lamp! We have installed several, and instead of placing them on the table, we have suspended them from the ceiling. They illuminate the room so that I can see to read or sew in the farthest corner.

Gasoline lamps may not be as good as electric lights, yet they are a great improvement over kerosene lamps. Our lamps were not very expensive, and I think they would be a boon to any farm home that is without electricity. I should be glad to give any of the readers more information about our lights if they wish it.

Mrs. W. N. K. Stafford Co., Kansas.

Farm Home News

BY MRS. DORA L. THOMPSON

Signs of an unusual corn crop are everywhere to be seen in a cross country trip to our county seat. The usual cribs are filled and rail pens of varying sizes have been built to keep the corn within bounds during the winter. The table of products displayed at the county institute showed fine specimens of seeds, seed corn and potatoes.

The owner of the prize-winning half bushel of Early Ohio potatoes gave his experiences in potato growing. He has tried comparative plots of home-grown seed and northern seed, and of seed treated for scab and blackleg, and seed untreated. Northern seed produced much the better crop of potatoes. The seed treated in a corrosive sublimate solution produced a crop of smooth potatoes, and the untreated seed produced a good-sized crop of scabby potatoes.

A comparison of the improved machines introduced for men's use and those for women's use is suggested in a story told by a home economics speaker. After George and Martha Washington had been dead 100 years, they returned to earth and visited their farm. As Washington looked around at the mowing equipment, the cultivators and all the men-saving tools, he exclaimed, "Why, Martha, it would take me a lifetime to learn to use these tools! Martha was eager to go into the house and see the marvelous changes there. She noted the stove and then looked upon the pots and pans. "Why, there are my same old kettles," she said. "I could go right to work here!"

In the talk, especial emphasis was placed on the labor saving accomplished by having water in the kitchen. It was said that the average farm woman who works 30 years carrying all the water she uses in her home does as much work as the she should start from a home in Ohio with a pail of water, walk to the coast, go up and down Pike's Peak and back home five times.

Those who make gallons of apple butter might try the idea worked out by one butter stirrer and presented by the speaker mentioned. She found much of the stirring was done for her if she placed a few marbles in the butter. It has been said that a marble in a teakettle in which hard water is boiled will roll around and prevent the lime from encrusting the sides of the teakettle. Doubtless, much the same is true in cooking the apple butter. The rolling marbles prevent the butter from sticking to the bottom of the kettle.

Japanese Kimonos are Popular

9901—Women's and Misses' Kimono. Plain crepe with flowered crepe trim-



mingos and deep sash would make this kimono becoming. It is Japanese, cut with long flowing sleeves. Sizes 16

years, and 36, 38, 40, 42 and 44 inches bust measure.

9887—Women's and Misses' Nightgown. This dainty gown of batiste has a V-shaped neck and short puff sleeves. The small tucks at the front give the necessary trimming. Sizes 16 years, and 36, 38, 40, 42 and 44 inches bust measure.

9908—Women's and Misses' Combination. This pretty combination is easily made. It is cut plain and banded at the top with wide lace. Sizes 16 years, and 36, 38, 40, 42 and 44 inches bust measure.

9897—Misses' and Girls' Bloomers. Serviceable bloomers are a necessary part of the school girl's wardrobe. These bloomers are plaited to give the fullness of an underskirt and may be made of serge or sateen. Sizes 8, 10, 12, 14 and 16 years.

These patterns may be ordered from the Pattern Department of Kansas Farmer and Mail and Breeze, Topeka, Kan. Price 15 cents each. State number and size of pattern desired.

Women's Service Corner

Send all questions to the Women's Service Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.

Contests for Your Club

Will you please tell me where I can buy a book containing contests that could be used for a women's afternoon club?—Mrs. C. E. S.

"Ice Breakers, Games and Stunts," by Edna Geister, is made up of contests and games that would be appropriate for an afternoon club. You can obtain this book from the Hall Book and Stationery Co., Topeka, Kan. Or you might ask this firm to send you a list of their books on entertainment and choose one from it.

A Community Library

I saw in Kansas Farmer and Mail and Breeze some time ago an account of a library that could be had for community use. Can you tell me where to write for information concerning it?—W. W.

You can obtain the desired information from the Kansas State Traveling Library Commission, State House, Topeka, Kan.

Cider Cake

I have often heard of cider cake but have been unable to obtain the recipe. I would appreciate having you print it in your paper. —Mrs. J. D. W.

*Cream 1 cup of butter and 2 cups of sugar; beat in the yolks of 3 eggs. Sift together 4 cups of flour, 1 teaspoon of soda and 1 teaspoon of cloves. Add to the batter alternately with ¼ cup of cider; and lastly add the whites of the 3 eggs beaten to a stiff froth. Bake in a moderate oven.

To Clean Nickel

Can you tell me a simple method of cleaning the nickel trimmings on my range?—F. B. M.

You can keep the nickel trimmings on your stove clean and bright by washing them in hot soapsuds and rinsing in hot water. If the nickel is much discolored, rub it with a scouring powder or a soap that will not scratch.

A New Use for Charcoal

Some woolen garments which I have recently unpacked have a musty odor. Could you tell me how to remove it?—A Reader.

To take away the uncanny odor of woolen garments confined in a close place for months, lay pieces of charcoal between the folds, and after a few days expose the clothing to fresh air.

Combing Curly Hair

I am a girl of 15 years. I have blonde curly hair which is short and dry. How can I make it grow and how should I comb it? Am I too young to write to boys?—C. R.

Try massaging your hair with vaseline every night. This should keep it from becoming dry and help it to grow. Curly hair usually can be combed very attractively. Roll it in a loose knot at the back of your head and pull the curls out around the face, trying to emphasize the oval of your face. You are not too young to write friendly letters to your boy friends.

Polishing Ivory

Can you tell me how to polish ivory?—A Reader.

To polish ivory, moisten a piece of felt or velvet, dip in putty powder or pumice stone, and polish.

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Here is the chance you have been waiting for to get a beautiful, playful, little Shetland Pony. I have given away over 100 of these ponies to children all over the United States. 100 children have been made happy with these playful ponies—they were sent prepaid, without a cent of cost. I am going to give away several more ponies, and I want every family that reads this paper to have an equal chance to get one.

If You Want A Pony, Send Me Your Name

Don't put off this chance—don't wait. Write your name and address plainly on the coupon below and send it to me, and you will have an equal chance to receive one of the real live ponies that I am going to give away soon. You stand just as good a chance as any other boy or girl, and it does not cost you a cent. Get a pencil and write your name now.

Parents If you have a boy or girl who would like to own a real Shetland pony, send in his or her name. You can't do any harm, and your child may win one of these ponies just as 100 children have already done.

Sign Name Below

PONY MAN, Box 600, Topeka, Kan.
I want to enter my name in your Pony club. Send me pictures of your ponies and tell me how to get one. FREE.

Name.....
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Today



For Our Young Readers

The Secret Watch Party in the Nursery

BY MYRTLE J. TRACHSEL

NURSE was getting Katherine Mayer and little brother Jack ready for bed. There was nothing strange about this, except that this was the last night of the old year, and downstairs big sister Alice was having a party. Of course, Katherine and Jack were too little to stay up to see the Little New Year come at midnight,



so they had been sent off to the nursery to bed.

"I don't believe," said Katherine as soon as Nurse had left them alone, "that Mother would mind if we had a little watch party of our own here in the nursery."

Jack liked the idea, so the two children put on their bathrobes and slippers and sat cross-legged on Jack's bed. Nurse had left a night light burning, so they could see to play "Guess What I See" and other quiet games. It was quite like a real party.

"I think the Little New Year is nice to let us sit up and watch for him," said Katherine. "He is nicer than Santa, who won't come unless we are asleep."

But Jack didn't answer. He had cuddled down among his pillows and gone to sleep. So Katherine, too, lay down for a wee nap. But in a very short time she sat straight up and shook Jack. "Wake up!" she cried. For the door had opened and in walked—who, do you think? It was the Little New Year himself! He came right into their room, and he wasn't so very new after all. He was every bit as big as Jack and could talk as plainly. He wore a white suit and coat, all trimmed in white fur. And he had a little fur cap and tall white boots with fur around the tops. He carried a big white leather bag and he bustled about as busily as old Santa himself. Katherine and Jack came closer and watched him take from his bag two pads of clean white paper cut into little squares.

"Three-hundred-and-sixty-five days I shall give you in which to grow and learn all sorts of good things. Here, Jack, let me see what you did with the days the old year gave you," said he.

Then the Little New Year pressed a hidden spring just above Jack's right ear, and pop! a little door in the top of Jack's head flew open and the Little New Year looked right into his mind box. He thrust in his hand and lifted out a little pad of paper just the size of the one he had taken from his bag, but it was not as clean and white. There were pictures all over this pad. Some were clear and pretty, but others were blotted and blurred. The Little New Year quickly ran his fingers thru the sheets, dividing them into two piles.

"Here are the days you learned your letters and numbers; we will keep these pages, for they will always be useful to you; but these pictures that show nothing learned shall be destroyed."

So he went thru the pictures on the pad, one by one, and when he had finished he put the bad ones in his bag to be carried away; the good ones he rolled into a tight wad and tucked away in one corner of Jack's mind box. He put the new days into the box also and shut the lid tightly. Then he did the same thing to Katherine.

And then he opened a tiny secret door just above Jack's head and one above Katherine's head and took out

little pads of paper. Each paper had a picture on it.

"You see, these papers are just like little kodaks; they take pictures of all the good things and all the bad things you do each day," said the Little New Year. "I wish I could throw the bad pictures away, but I must put them back. They will bother you some when you are trying to take good pictures, but I will put the good pictures back, too, and they will help you. Now remember that

Good pictures are made by being good
And learning only what you should.

And into each little heart box the Little New Year put the 365 days and then picked up his white bag and hurried away.

Katherine sat up suddenly and rubbed her eyes. My, how cold she was and what a racket! Downstairs sister Alice and her friends were blowing whistles, shooting guns and making a dreadful noise. But Jack was still asleep.

"Get under the covers now, Jack, the Little New Year has gone," said Katherine. "Wasn't it nice of him to come to see us before he went downstairs? Oh look! There on the table is a calendar with a pad just like the ones he put into our minds and hearts; he must have left it there to remind us to make pretty pictures. I wonder if he did!"

A "Tree" Puzzle

When you have found the names of the four trees represented in this puzzle, send your answers to the Puzzle Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan. There will be packages of postcards for the first six boys and girls who send in correct answers.



Solution December 11 Puzzle: Can You Guess? Spat. Prize winners are: John Hamon, Alunda Hays, Bernice Pallister, Elaine Campbell, Maxine Sherwood and Leola Knight.

I like your paper and look for your puzzle every week. I am 7 years old. Lamar, Colo. Esther Buchtel.

I like the Kansas Farmer and Mail and Breeze fine, but I like the children's page best. Fern Livengood. Kanorado, Kan.

Kansas Map to Readers Free

We have arranged to furnish readers of Kansas Farmer and Mail and Breeze with a big one-sheet Wall Map of Kansas. This large map gives you the area in square miles, and the population of each county; also name of the county seat of each county, it shows the location of all the towns, cities, railroads, automobile roads, rivers and interurban electric lines, and gives a list of all the principal cities of the United States. For a short time only we will give one of these big wall maps of Kansas postpaid to all who send \$1.00 to pay for a one-year new or renewal subscription to Kansas Farmer and Mail and Breeze. Or given with a 3-year subscription at \$2.00. Every citizen of Kansas should have one of these instructive wall maps. Address Kansas Farmer and Mail and Breeze, Topeka, Kan.—Advertisement.

Making Money With Cows

BY J. H. FRANDSEN
Dairy Editor

That nature has been lavish in showering upon the Midwest abundant crops of all kinds of food materials is evident to even the most casual observer. Everywhere we have had rich harvests of wheat, oats, corn, alfalfa and other fodder stuffs of various kinds. It seemed as if nature tried in one year to make up for the shortcomings of several seasons. Indeed, the early harvest season held out wonderful prospects for all farmers the country over.

Then came the sudden collapse in prices—farm products being the first to hit the decline and to such an extent that the farmer is facing the most serious post-war problem he has been called upon to cope with thus far. Relief measures of many kinds are now on foot to help the farmer hold his wheat and corn until a better market can be obtained. Bank organizations are volunteering to do everything possible to tide the farmer over this trying period. What will be the outcome of these various schemes is still problematical, but it is safe to say that they cannot solve the problem for every individual farmer. There are in many cases, large crops of corn, alfalfa and other fodder stuffs which must be put to immediate use.

Dairying a Safe Development

Just here is where the dairy cow can be of much assistance. It is true that in the last few years her numbers have been decreased somewhat because of the scarcity and high price of labor and the fact that a satisfactory return for farm operations has been realized by selling grains direct as a result of the abnormally high prices.

The situation we are facing today is not so very different from the experiences that are yet within the memory of the pioneers of the Middle West. Sometimes due to drouth and crop failures, sometimes to low prices and general hard times Kansas would have been labeled a near-failure agriculturally had it not been for the faithful dairy cow. Many times, in the past, when the "bottom dropped out" of the wheat market or of the corn, oats or hay market—or when the grasshoppers took the wheat and the hot winds the corn—many a farmer managed thru the dairy cow, to pay the grocery bills and other urgent expenses and in many cases even laid the foundation for his future success.

Dairy Cow Supplies Market

When an era of low prices comes such as we are facing today, it is a problem with many a farmer not in position to hold his crops, to find a market which will yield adequate returns on his investment. Experiences of the past teach us that no safer market can be found than the dairy cow. She will take the abundant roughages which have been produced this year, together with some of the small grain and corn and by turning them into milk, return a price much greater than can be obtained in the open market for grains and roughages. Surely we have not reached our highest degree of thrift and efficiency so long as we are content to sell these grains and roughages as such, to be fed to dairy cows in the Eastern states or even in foreign countries.

That dairying will hold a more and more important place in the Nation's agriculture there can be no question. Enough data on milk production has been gathered to prove conclusively that the dairy cow produces human food more cheaply than any other animal on the farm; furthermore, that no other animal can take the roughage, hay, grasses, corn fodder and corn silage, and the by-products from our food factories and mills, all of which in themselves are not fit for human food, and in return give so much nourishing, human foodstuff. For example, it has been shown that one cow, if slaughtered, will provide sufficient meat for two persons for one year, while the milk from the same cow will yield equivalent food material for 20 persons for one year. To show further the economy of the dairy cow, it is of interest to know that Katy Gerben, a University of Nebraska dairy cow, has, in seven consecutive milking periods, produced as much digestible food material as is contained in the carcasses of 47 steers. Also the fact should not be overlooked that dairying contributes in large measure to the direct beef out-

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DAIRYING with a De Laval Cream Separator has brought prosperity to many thousands of users. No branch of farming is so surely profitable as good dairying, with its steady cash income every month in the year and no waiting for crops to mature.

But the cream separator means everything in good dairying and either saves or wastes cream.

The De Laval saves cream twice a day, 365 days a year. It skims cleaner; produces smoother, better cream; lasts longer, and is easier to clean. It pays for itself the first year, and may be bought on such liberal terms as to save its first cost while being paid for. There is a size for every need.

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There is a De Laval Agent near you. Ask him for a De Laval demonstration.

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Dept. A121, 5606 Roosevelt Road, Chicago, Ill.

Have you noticed how many of your neighbors are now reading Kansas Farmer and Mail and Breeze?

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Get the full value of your hides and furs. Don't sell them on the low market. Ship them to us for tanning and making into warm, serviceable Coats, Robes, Caps, Mittens. 16 years of reliable dealing. Free illustrated catalog, tags and samples of tanning and linings upon request.

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THE DAILY CAPITAL, Topeka, Kansas.

Enclosed find \$1.50 for which send me THE TOPEKA DAILY AND SUNDAY CAPITAL UNTIL APRIL 1, 1921.

Name

Address

Sugar Cure Recipe

Make a brine by dissolving 8 pounds of salt, 3 pounds of sugar, and 3 ounces of saltpeter in 4 gallons of water for every 100 pounds of meat. Rub every piece of meat with salt and after permitting it to drain over night pack in the meat barrel, putting the hams and shoulders in the bottom and the bacon strips on top. Cover the meat with the brine. The bacon strips should remain in the brine from four to six weeks and the hams and shoulders six to eight weeks. This is the recipe recommended by the Kansas State Agricultural college.

FARMERS' CLASSIFIED ADVERTISING

Rate: 12 cents a word, each insertion, on orders for less than four insertions; four or more consecutive insertions the rate is 10 cents a word. Count as a word each abbreviation, initial or number in advertisement and signature. No display type or illustrations admitted. Remittances must accompany orders. Real estate and livestock advertising have separate departments and are not accepted for this department.

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We believe that every advertisement in this department is reliable and exercises the utmost care in accepting classified advertising. However, as practically everything advertised in this department has no fixed market value, and opinions as to worth vary, we cannot guarantee satisfaction. We cannot guarantee eggs to hatch, or that fowls or baby chicks will reach the destination alive. We will use our offices in attempting to adjust honest disputes between buyers and sellers, but will not attempt to settle minor disputes or bickerings in which the parties have vilified each other before appealing to us.

Special Notice All advertising copy discontinuance, or change of copy, must reach this office by 10 o'clock Saturday morning, one week in advance of publication.

AGENTS WANTED

DISTRIBUTORS TO APPOINT AGENTS and sell Poweene at wholesale. Agents make \$30 a day. Special terms to distributors. Easys gasoline at 5c. The equivalent of 20 gallons, express prepaid, \$1. P. Baires, Q424, Santa Rosa, Calif.

AGENTS—QUICK SALES, BIG PROFITS. Orders in every home for our beautiful dress goods, silks and general yard goods. Large book samples free to agents. Write today for particulars. National Importing & Mfg. Co., Dept. P. A. D., 426 Broadway, N. Y.

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GOVERNMENT CLERKS NEEDED BADLY (men-women) \$1,600-\$2,300. No experience. Write Ozment, 167, St. Louis.

SALESMEN

WE PAY \$200 MONTHLY SALARY AND furnish rig and expenses to introduce guaranteed poultry and stock products. Bigler Company, X611, Springfield, Ill.

GET BUSY. KEEP BUSY. IS YOUR JOB unsafe? Is it permanent? You want a life long business. You can get into such a business selling more than 137 Watkins products direct to farmers if you own auto or team. Or can get one; if you can give bond with personal sureties. We back you with big selling helps. 52 years in business. 20,000,000 users of our products. Write for information where you can get territory. J. R. Watkins Co., Department E, Winona, Minn.

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PATENTS. BOOKLET AND ADVICE free. Watson E. Coleman, Patent Lawyer, Pacific Building, Washington, D. C.

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

VEIL MATERNITY HOSPITAL FOR YOUNG women, before and during confinement; private; terms to suit; babies adopted free. Mrs. C. M. Jones, 15 W. 21st, Kansas City, Mo.

INVENTORS WRITE FOR OUR ILLUSTRATED book and evidence of conception blank. Send model or sketch for our opinion of its patentable nature. Highest references, prompt service. Reasonable terms. Victor J. Evans & Co., 825 Ninth, Washington, D. C.

PATENT—SEND FOR FREE BOOK. CONTAINS valuable information for inventors. Send sketch of your invention for free opinion of its patentable nature. Prompt service. (Twenty years experience.) Talbert & Talbert, 4953 Talbert Bldg., Washington, D. C.

EGGS, EGGS, WINTER EGGS—THIS FORMULA for only one dollar, can be made at home for a mere trifle so why not get eggs in winter when my secret formula has solved the problem for others and will do the same for you; it is so much cheaper than other ready made tonics that are sold and just as good or your money back; it is inexpensive, can be bought at any drug store; remember after you have this formula you won't have to buy any more high priced egg tonic as you can have the best on the market at half the cost and just as good as the best. I also have a lice and mite remedy that has no equal; only needs to be applied once each year. Can be bought in anybody's town, for they absolutely must go and go quick; for only \$1. I am going to make everyone a present of \$2, that orders my three formulas within the next thirty days. I am going to make a special price of only \$1, all three formulas. So order at once and get your hens making money for you. Money order, check, or stamps will do. Remember you get your money back if you are not entirely satisfied. F. D. Webb, Sterling, Kan.

WANTED

WANTED—VINEGAR BEES. YEAR'S SUBSCRIPTION to Mail and Breeze for first answer. L. B. Sanders, 104½ S. Main, Cleburne, Tex.

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U. S. GOVERNMENT WANTS HUNDREDS railway mail clerks, immediately. \$135 month. List positions free. Franklin Institute, Dept. G, Rochester, N. Y.

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BEANS, PINTOS, CLEAN NEW CROP, \$6 cwt. C. Bohm, Stratton, Colo.

PURE EXTRACT HONEY, TWO, SIXTY pound cans, \$19.20. F. C. Veirs, Olathe, Colo.

CHOICE ALFALFA HONEY, TWO 60-LB. cans, \$23. Bert W. Hopper, Rocky Ford, Colo.

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"THEBESTO" ROCKY MOUNTAIN HONEY, light colored, thick, fine flavored. Per can, five pounds net, postpaid anywhere west of Ohio river, \$1.50. Send remittance with order. The Colorado Honey Producers' Association, Denver, Colo.

TABLE RICE AND SPANISH PEANUTS. New crop, 100 pounds in double sack, freight prepaid to your station as follows: Extra fancy whole long grain white table rice, \$8. Choice unshelled pecan peanuts, \$3. J. Ed Cabanis, Box 90, Katy, Tex.

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ALFALFA SEED, 90% PURE, \$7.50 PER bushel my track. Geo. Bowman, Concordia, Kan.

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WANTED—NEW CROP CANE SEED AS well as alfalfa seed. Send sample stating quantity. Mitchell Seed Co., St. Joseph, Mo.

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WANTED—5,000 PHONOGRAPH OWNERS to buy Columbia Records at 23 cents; December records now out. Mid-West Music Shop, Lawrence, Kansas.

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KENTUCKY HOMESPUN TOBACCO, 10 pounds, \$2; 20 lbs., \$6. Rufe Veal, Jonesboro, Ark.

TOBACCO—KENTUCKY'S FINEST LEAF. 4 years old, chewing and smoking, postpaid, 2 lbs., \$1; 7 lbs., \$3; 10 lbs., \$4; 50 lbs. by express, \$15. Ky. Tobacco Assn., Dept. 40, Hawesville, Ky.

STRAYED

TAKEN UP BY W. M. BARRY OF OGDEN, Riley county, Kan., on the 17th day of October, 1920, one yearling red polled, 600 lb. heifer, no brand or marks. W. E. Yenawine, county clerk, Manhattan, Kan.

TAKEN UP BY M. J. UNSCHIED OF ST. George, Pottawatomie county, Kansas, on the 3rd day of December, 1920, one stag, 6 years old, red, white face and breast, white over withers, two white hind ankles and one white front foot. J. B. Claywell, County Clerk, Westmoreland, Kan.

POULTRY

ANCONAS

CHOICE SINGLE COMB ANCONA COCKERELS, \$1.75 each. Mrs. Jacob Nelson, Broughton, Kan.

EXTRA GOOD SINGLE COMB ANCONA cockerels, \$3 to \$5. Also hens and pullets. Julia Ditto, R. 7, Newton, Kan.

ANCONA COCKERELS FROM MY FIRST pen. I bought a year ago from leading show in Nebraska, Chicago and New York with laying strain 331 eggs. Paid from \$5 to \$50 per head. Cockerels from this pen, \$4 to \$5. Shem Yoder, Yoder, Kan.

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GOLDEN CAMPINES: COCKERELS, \$3 each. W. H. Plant, Wichita, Kansas.

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BABY CHICKS—BIG HUSKY FELLOWS. Eleven pure-bred varieties. Safe arrivals guaranteed. Catalog free. Murray McMurray, Box 45, Webster City, Iowa.

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MAMMOTH LIGHT BRAHMAS FROM THE best in the U. S. Stock and eggs. H. C. Neptune, Parsons, Kan.

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FINE PEKIN DUCKS, \$2.00; DRAKES, \$2.50. Carl Lindville, Stafford, Kansas.

BUFF ORPINGTON DUCKS, \$2 EACH. Lawrence Bailey, Kinsley, Kan.

MAMMOTH PEKIN DUCKS AND DRAKES. Hugo A. Kunze, Winkler, Kan.

PURE WHITE PEKIN DUCKS, DRAKES, \$2.50; ducks, \$2. H. K. Stille, Haswell, Colo.

GEESSE

MAMMOTH TOULOUSE GEESSE, \$6 EACH. Ralph Timm, Route 4, Hope, Kan.

PURE BRED TOULOUSE GEESSE, SIZE and quality. One year old stock, \$5 each. Mary O'Mara, Colony, Kan.

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BIG BLACK LANGSHANS, BEST LAYERS and show stock. Osterfoss, Hedrick, Ia.

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PURE BLACK LANGSHANS, \$2.50 GUARANTEED to satisfy. Roller Farm, Soldier, Kan.

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SINGLE COMB BUFF LEGHORN HENS, \$12 per dozen. John A. Reed, Lyons, Kan.

SINGLE COMB WHITE LEGHORNS, \$2.00 each. L. T. G. Schulz, Ellsworth, Kansas.

S. C. WHITE LEGHORN BARRON COCKERELS, \$4 each. Mrs. Soth, Sedgwick, Kan.

FINE ROSE COMB WHITE LEGHORN cockerels, \$1.75. Ethel Miller, Agra, Kan.

SINGLE COMBED WHITE LEGHORN cockerels, \$2. John Russell, Chanute, Kan.

R. C. B. LEGHORN COCKERELS, \$1.50 UP. Otto Borth, Plains, Kan.

SINGLE COMBED BROWN LEGHORN cockerels, Dark beauties, \$2; six for \$10. Mrs. Harvey Crabb, Bucklin, Kan.

PURE S. C. W. LEGHORN COCKERELS, \$1 each if taken soon. Mrs. J. W. Sothers, Scandia, Kan.

WHITE LEGHORN COCKERELS, English Barron, 288 egg strain, or Ferris strain, \$2. Nettie Erickson, Strong, Kan.

SINGLE COMB WHITE LEGHORNS, Superior laying strain. Cockerels, \$1 up. David O'Connell, Route 3, Columbus, Kan.

FOR SALE—PURE BRED DARK BROWN Leghorn cockerels, \$2 each. Chris Guther, Centuria, Kan.

PURE BRED S. C. DARK BROWN Leghorn cockerels, \$2 each. Mrs. Joe Gurtler, Centuria, Kan.

PURE ROSE COMB BROWN LEGHORN cockerels, \$1.75. Belle Larabee, Haddam, Kan.

SINGLE COMB BROWN LEGHORN COCKERELS, \$1.50. Sam Brehm, 1000 9th, East, Hutchinson, Kan.

SINGLE COMB BROWN LEGHORN COCKERELS, \$1.50. White Leghorns also. Anna Dunham, Broughton, Kan.

CHOICE SINGLE COMB, DARK BROWN Leghorn cockerels, \$2 each. Mrs. Iva Taylor, Westphalia, Kan.

PURE BRED ROSE COMB W. LEGHORN hens, \$1.50 and cockerels, \$2.00. Blanche Shepherd, Thayer, Kan.

SINGLE COMB WHITE LEGHORN COCKERELS, From Hogan Tested hens. Mrs. Lydia Fuller, Clyde, Kansas.

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ROSE COMB & SINGLE COMB WHITE Leghorn Cockerels, \$2.25. From heavy laying strain. Clean Bred. G. L. Jeschke, Sparks, Kansas.

PURE SINGLE COMB BROWN LEGHORN cockerels, \$1.50 each. Early hatch. Right color, right size. Mrs. Roy C. Paul, Mildred, Allen county, Kan.

IMPORTED ENGLISH S. C. W. LEGHORNS trapnest bred to record 300 eggs. Cockerels, bargain. Formerly of Melvern, Kan. Geo. Patterson, Richland, Kan.

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FOR SALE—MINORCA COCKERELS. E. Carver, Smithville, Mo.

PURE SINGLE COMB BLACK MINORCA cockerels, \$3 each. Satisfaction guaranteed. J. Nedwed, Westmoreland, Kan.

ORPINGTONS

PURE BUFF ORPINGTON COCKERELS, \$2.50. Mrs. Blanche Haney, Courtland, Kan.

BUFF ORPINGTONS, COCKERELS, \$3 each. Satisfaction guaranteed. Russell Welter, Grantville, Kan.

S. C. BUFF ORPINGTON COCKERELS, April hatch from Winter Strain. One, \$1; five, \$18. Mrs. O. Kaupp, Dennis, Kan.

BUFF ORPINGTON COCKERELS, \$3 TO \$7 each. Write for description. J. L. Taylor, Chanute, Kan.

THOROUGHbred BUFF ORPINGTON cockerels, March hatch, \$3 to \$5. Mrs. Claude Bridgman, Abbeville, Kan.

PURE BRED S. C. BUFF ORPINGTON cockerels, two for \$5; five for \$10. Mrs. J. F. Zeller, Manning, Kan.

GREAT VALUES IN BUFF ORPINGTONS. Cockerels, \$3.50 and \$5. Pullets, \$2.50 or 25 for \$50. Sunflower Ranch, Ottawa, Kan.

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WHITE PLYMOUTH ROCK COCKERELS, \$2 each. C. W. Postler, Inman, Kan.

PURE BARRED ROCK COCKERELS, \$3; four, \$10. Rena Debusk, Macksville, Kan.

BUFF ROCK COCKERELS, WILLIAM A. Hess, Humboldt, Kan.

BUFF ROCK COCKERELS, \$2.25 EACH. J. H. Mellenbruch, Morrill, Kan.

EXTRA FINE, LARGE, PARK'S STRAIN barred cockerels, \$5. Herbert Jones, Carbondale, Kan.

HIGH QUALITY WHITE ROCK COCKERELS, \$3 to \$5. Mrs. John Ramsey, Fort Scott, Kan.

BEAUTIFUL "RINGLET" BARRED ROCK cockerels, \$3 up; pullets, \$4. Mrs. Iver Christenson, Jamestown, Kan.

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FOR FINE BARRED ROCK COCKERELS inquire of Wm. C. Mueller, R. 4, Hanover, Kan. Satisfaction guaranteed.

FINE BUFF ROCK COCKERELS, \$3.50; five or more, \$3 each. Chas. Sanders, LeRoy, Kan.

PLYMOUTH ROCKS.

PURE BRED WHITE ROCK COCKERELS, \$4 each. Sylva Coulter, Route 3, Burlington, Kan.

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FOR SALE—R. C. R. I. WHITE COCKERELS, \$3. Ruby Dewes, Osage City, Kan.

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ROSE COMB RED COCKERELS, \$1.50. E. W. Raffenkamp, Hooker, Okla.

FIVE ROSE COMB R. I. RED COCKERELS, \$2.50. William Stewart, Grenola, Kan.

SINGLE COMBED, TYPY, THIRTY, DARK hatched, \$2.50, \$3.50, \$5. On approval, J. A. Bockenstette, Fairview, Kan.

ROSE COMB COCKERELS, RICH DARK plumage, laying strain, \$3.50 each. C. E. Stonelpher, Toronto, Kan.

ROSE COMB COCKERELS, \$2.00 EACH. Pure Red Stock, A. E. Williamson, Route 4, Hartford, Kansas.

ROSE COMB RED COCKERELS. PRICES reasonable. Mrs. Milton Grandle, McCune, Kan.

ROSE COMB RED COCKERELS, HIGH priced stock, \$3, \$5, \$7.50, \$10 each. W. R. Huston, Americus, Kan.

BARGAINS, BIG LONG, DARK VELVET Rose Comb Reds, Winners, Sunnyside Farm, Havensville, Kan.

DARK ROSE COMB RED COCKERELS. Tompkins, Meyer & Carver ancestry, \$3.50 each. Oscar Erickson, Leonardville, Kan.

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SINGLE COMB REDS, FIRST PRIZE winners at Chicago and Kansas City. Fine cockerels, \$5 each, guaranteed. H. A. Meier, Abilene, Kan.

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PURE BOURBON RED TOMS, \$10. E. V. Eller, Dunlap, Kan.

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BOURBON RED TOMS, \$8 TO \$10. Mrs. F. E. Tonn, Haven, Kan.

BOURBON RED TURKEYS, TOMS, \$10; hens, \$7. Mrs. H. Passmore, Wayne, Kan.

BOURBON RED TOMS, \$8 to \$10. HENS, \$6. H. Croft, Medicine Lodge, Kansas.

PURE BRED MAMMOTH WHITE HOLLAND TOMS, \$10. Lula Dick, Codell, Kan.

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WHITE HOLLAND TOMS, \$9; HENS, \$6. J. W. Holler, Protection, Kan.

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Crops Show Large Yields

BY JOHN W. WILKINSON

Despite the low prices prevailing at the close of December the total value of farm crops and livestock in Kansas for 1919 is not far from a billion dollars. According to the final report of J. C. Mohler, secretary of the Kansas state board of agriculture issued December 24, the total volume of production on Kansas farms this year will eclipse nearly all former records. "In aggregate value," says Mr. Mohler, "the year 1920 stands second, having been exceeded in 1910. The value of all farm products this year exclusive of livestock on hand amounts to \$699,170,341 as against \$746,619,135 for 1919. Livestock on the farms as of March 1 is estimated as worth \$283,258,879 compared to \$340,499,400 in 1919, and is the lowest since 1914.

Barton—Farmers are threshing kafir, corn and milo. Wheat is being pastured. Cattle are doing well. There are not many sales of livestock on account of the low market. A few farmers are selling corn. E. J. Bird, December 25.

Brown—Wheat is excellent. Prices on farm products are very unsatisfactory and money is scarce and difficult to get. Wheat is worth \$1.60; corn, 50c; cream, 40c; eggs, 60c; hogs, \$7.50 a hundred; cows, \$40; calves, \$12.50. A. C. Dannenberg, December 25.

Chautauqua—Wheat does not look as good as it did two weeks ago. Stock is in excellent condition. There is no wheat pasture but there is plenty of roughness. Hogs are very scarce. Corn is worth 75c; bran, \$1.60; cottonseed meal and cake, \$2.25, and shorts are \$2; hogs, 7c a pound. A. A. Nance, December 25.

Cherokee—The past week has been windy and cool with only a few sunny days. Wheat seems to be growing very slowly, however, there are some good fields and some poor. Not many public sales are being held at present. Grain prices are unchanged. Butter is worth 45c; cattle, 3c to 6c, and hogs are 8c; eggs, 65c. F. Smyres, December 25.

Clay—Ninety-eight per cent of the corn is husked. A number of farmers have lost livestock from corn stalk poisoning. Corn shucks are full of chinch bugs. A number of public sales have been held but prices are very unsatisfactory. A number of farmers are quitting and others do not care whether they farm next year or not. Wheat is worth \$1.45; corn, 55c; hogs, \$7 a hundred; cattle, \$2 to \$7; butterfat, 40c; eggs, 55c. P. R. Forslund, December 18.

Coffey—We have had excellent weather and corn husking is nearly completed. Kafir is being topped and threshed. A considerable amount of corn is going to market. A few public sales have been held but prices are very unsatisfactory. Corn is worth 50c; wheat, \$1.45. A. T. Stewart, December 25.

Elk—Corn husking is nearly 80 per cent completed. Stock looks well. Some county road work is being done. Prices for everything are very unsatisfactory. A few public sales have been held but they are very unsuccessful. There is no surplus corn in the county and stockmen are taking what is for sale. Some fat stock is being shipped out but generally at a loss. Wheat is good but does not afford much pasture. Corn is worth 50c; kafir, 40c; cream, 35c, and eggs are 60c. Charles Grant and D. W. Lockhart, December 25.

Finney—Most of the feed is stacked. Wheat is excellent. Farmers are shucking

and shelling corn but they are not hauling to market as the price is too low. Very few public sales are being held. Eggs are worth 65c and butter is 55c; corn, 80c. Max Engler, November 27.

Ford—The weather is cloudy. Early sown wheat is excellent. Some of the later sown is a thin stand and some damage was done by wheat worms. There is a great deal of dissatisfaction among farmers because they have to pay high prices and the prices they get for their products are very low. John Zurbuchen, December 25.

Graham—We have been having ideal winter weather. There has not been much rain lately but the soil is in good condition. Wheat has not made as large a growth as last year but it is still in good condition. Fully half of the wheat crop has been marketed under adverse advantages to the farmer who is hard hit. Corn has made a good crop and is of an excellent quality. There is a large amount of feed for livestock which is doing well. Wheat is worth \$1.45; corn, 35c to 45c; butterfat, 35c, and hogs are \$7.50; eggs, 50c. Wheat is 2 1/2 c a pound and flour 6c a pound. C. L. Kobler, December 25.

Linn—Nearly all of the corn has been husked. Farmers are discouraged as the prices are very unsatisfactory. There are a number of cases of scarlet fever and diphtheria and also a few cases of hog cholera in our locality. A number of public sales have been held and prices are not altogether satisfactory. Butter is worth 30c; flour, \$2.80, and eggs are 50c; potatoes, 3c. J. W. Clinesmith, December 25.

McPherson—We have had a considerable amount of rain and it is difficult to take care of stock on account of muddy feed yards. Wheat is excellent. Corn is nearly all husked. Farmers are discouraged as they only get 3c to 4c a pound for their cattle. John Ostlund, December 20.

Miami—Wheat and livestock are excellent. There is not much wheat and corn being marketed as prices are too low. Not many public sales are being held and prices are very low. There is some fall plowing being done. J. F. Haelele, December 25.

Nemaha—Our first snow storm came Monday, December 13. It snowed nearly all day and by night we had 2 inches on the level but it was all melted by the following Wednesday night. We have had favorable husking weather since Wednesday noon and with two more weeks of good weather corn husking will be completed. Cows are worth 75 cents a load. A. M. McCord, December 18.

Norton—Nearly 75 per cent of the corn is husked; the quality and yield are excellent. Farmers are holding the wheat for at least cost of production. It seems that the farmers are the scape goats of all industries. There is some loss of cattle from corn stalk poisoning. Potatoes are plentiful. Wheat has not made as large a growth as usual. Sam Teaford, December 25.

Osborne—There is not much wheat going to market. All kinds of livestock doing well. Hogs are scarce. Everything the farmer has to sell is cheap and business is dull. W. F. Arnold, December 25.

Pottawatomie—We have had some snow, doing wheat a great deal of good. A few public sales are being held but everything sells very cheap, especially farm machinery. The price of produce has taken another drop. Farmers are talking of quitting the farm unless some guaranteed price can be established so they will not lose money on stock and grain. F. E. Austin, December 17.

Pratt—There is plenty of moisture to last three months but it is drying a little now and some road work is being done. The corn is nearly all husked. Our county farm bureau man took a hand and helped cure the hog disease. Wheat is excellent and is being pastured. Stock is doing well. J. L. Phelps, December 18.

Riley—Corn husking is nearly completed and most cribs are full. We have been having dry warm weather. The roads are good. Farmers are plowing and cutting up wood. Farmers are not buying very extensively as prices are too high. A number of public sales have been held but prices paid were low. All kinds of livestock are doing well. P. O. Hawkinson, December 17.

Saline—The snow is nearly all gone and the ground is in excellent condition. Wheat is still being held for a better price. A number of fattened cattle have been shipped, bringing less a head than they cost a year ago as stockers. There are a number of cases of hog cholera. Wheat is worth \$1.45; corn, 50c; butter, 43c, and oats are 45c; eggs, 50c to 51c. J. P. Nelson, December.

Scott—Wheat is making a good growth and many fields are providing good pasture. Some sheep are being fed in the county. There is an abundance of grain and roughness. Hogs are scarce. Horses are cheaper than they have been for years. Tractors and trucks are relieving horses of much heavy work. Markets for stock and grain are very unsatisfactory. Butter is worth 45c and eggs are 60c; potatoes, \$1.80; apples, \$2.50 to \$4. J. M. Helfrich, December 18.

Wichita—The weather the past week has been cold and windy. Threshing is nearly completed. There is no market for cane seed. Barley is worth 40c; shelled corn, 48c; wheat, \$1.40. E. W. White, December 25.

Wyandotte—We have been having cold weather but wheat is excellent. Bluegrass pastures are still green. Feed is plentiful and reasonably cheap and cattle are in good condition. Eggs are worth 65c; hens, 20c. P. F. Bouser, December 25.

Three Valuable Bulletins

Three Farmers Bulletins of value to Kansas have just been issued by the Government; these may be obtained free on application to the United States Department of Agriculture, Washington, D. C. They are: No. 1,047, Milo, a Valuable Grain Crop; No. 1,078, Harvesting and Storing Ice on the Farm; and No. 1,167, Essentials of Animal Breeding.

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500 ACRES, improved, eastern Kansas, 390 bottom bal. pasture. Price \$110, part trade. Clark Realty Co., Garnett, Kan.

EASTERN KANSAS FARMS Large list Lyon and Coffey Co., for sale by Ed. F. Miller, Hartford, Kansas.

WE CAN SELL YOUR LAND FOR CASH within 30 days. Write the National Land Sales Co., 401 Kansas Ave., Topeka, Kansas.

IMPROVED 480 acre farm with living water, and bottom land. Is an ideal dairy farm. Terms. Write Geo. D. Sinclair, Jetmore, Kan.

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IMP. 80, Lyon county, \$6,000. Terms \$1,000. Balance long time at 6%. Imp. 320 Lyon county, \$40,000. Terms \$12,000. Bal. long time. Ira Stonebraker, Allen, Kansas.

A NESS COUNTY BARGAIN 160 acres close to market, 70 acres under cultivation, only \$4,000. Terms. No trade. Jas. H. Little, La Crosse, Kansas.

159 ACRES, well improved. Price \$12,500, cash \$4,000, good terms on balance. Immediate possession. Other Anderson County farms. Holcomb Realty Co., Garnett, Kan.

DAIRY FARM 120 acres, 5 miles out, good buildings, silo, alfalfa, \$95 an acre. T. B. Godsey, Emporia, Kansas.

INVESTORS, speculators, homeseekers—We make specialty on Ness county land. Let us show you what we have to offer. Write for list. Whitmer Land Co., Ute, Kansas.

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160 ACRES bottom land, highly improved, extra located 2 miles town, \$125.00 per acre. Send for list. S. L. Karr, Council Grove, Kansas.

LET ME SELL YOU A FARM in the Oak ley country. Wheat and barley making \$50 to \$75 acre. Corn and all feed crops fine. Good tractor land, \$30 to \$50. For list write. A. H. Wilson, Oakley, Kansas.

CHOICE QUARTER—\$4,000 Terms \$1,000 cash, balance \$500, yearly 7%. 5 1/2 mi. from good town, 1/2 mi. school. Half in cultivation. All level. Write owner. W. V. Griffith, Liberal, Kansas.

FARM BORDERING TOWN—73 acres, 22 of fine alfalfa; corn made 50 to 60 bushels; modern house, electricity; barn, garage, etc. 5 blocks to grade and high school; priced right. E. R. Corbin (Owner), Centralia, Kan.

SOUTHEASTERN KANSAS. Farms, all sizes; lowest prices. Terms \$2,000 up. Send for booklet. ALLEN COUNTY INVESTMENT CO., Iola, Kansas.

THE BEST present investment is land and the best place to buy land is in Ness Co., Kansas. All sized tracts from 160 acres to 10,000 acres improved and unimproved at prices ranging from \$25 to \$75 per acre. Some exchange. Agents protected. A. W. Buxton, Ute, Ness County, Kansas.

NESS COUNTY, KANSAS, LANDS Good wheat, alfalfa and ranch lands at bargain prices. Several excellent ranches. Write for price list, county map and literature. FLOYD & FLOYD, Ness City, Kan.

KANSAS

FARM HOME

160 acres, 22 miles K. C. rock road most way; 30 alfalfa; 50 clover; 90 pasture; lying water; 5-room house; cellar; large barn; stanchions, etc.; belongs to estate must be sold; \$100 per acre, think of it, at Kansas City's door.

MANFIELD LAND & LOAN COMPANY, 415 Bonfils Bldg., 10th & Walnut, Kansas City, Mo.

FRANKLIN COUNTY BARGAINS

40 acres 3 miles Ottawa, good improvements; water; fruit; nice poultry and dairy farm; \$5,500. Terms.

80 acres 4 miles Ottawa, good improvements; level; on automobile trail; 1/2 mile school; \$12,500, \$3,000 down, balance terms. 180 acres 3 miles of R. R. town, well improved; never failing water; 45 acres wheat; 20 alfalfa; 1/2 mile high school; extra good farm; extra good terms. \$120 per acre.

S. W. Spangler, Ottawa, Kansas.

115 ACRES, Kaw bottom, 1 1/2 miles Lawrence, Kansas, good improvements, \$7,000 cash, balance terms.

160 acres, 2 1/2 miles good town, 35 miles Kansas City, good improvements, \$5,000 cash, balance terms.

160 acres, 4 1/2 miles Lawrence, Kansas, improvements fair, \$3,000 cash, balance terms. 80 acres, 8 miles Lawrence, Kansas, improvements fair, \$4,000 cash, balance terms.

Hosford Investment & Mortgage Co., Lawrence, Kansas.

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BUY A FARM in the great fruit and farming country of northwest Arkansas where land is cheap and terms are reasonable. For free literature and list of farms write

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FOR SALE—Rich Arkansas land. Fine farms, both bottom and uplands. Cotton, corn, alfalfa and stock farms. Healthy climate, fine water, hard surfaced roads, fine schools and college. Write me what you want. Liberal terms. Progressive community. W. O. Scroggin, Morrilton, Ark.

RIGHT IN THE PLAY GROUNDS of the Ozarks. Benton county, Ark., one of the greatest fruit counties in the United States. All kinds of fruit. All kinds of vegetables. Corn, wheat, alfalfa. Where poultry does well the year around. Good fruit farms. Good stock and grain farms. We make a specialty of small tracts. Write us your wants.

Hayes, Gravette, Arkansas.

COLORADO

FOR SALE—Good, irrigated farm, cheap. Easy Terms. H. P. Vories, Pueblo, Colo.

COLORADO FARMS of any size, irrigated or non-irrigated. Near Denver. Send for free booklet V-3. The Zang Investment Co., American Bank Bldg., Denver, Colorado.

COLORADO LAND

Sugar beet, grain, potato, alfalfa, etc., land. Be sure to send for my farm list before you buy. Vernon McKelvey, Greeley, Colorado.

960 ACRE STOCK AND GRAIN RANCH 5 miles north of Boone, Colo. 160 a. in cultivation with good crops each year. Two sets of improvements, plenty of water and all fenced. Price \$22 per acre. Easy terms. G. W. Hawxby, Boone, Colorado.

FOR SALE—Do you want a home, almost in town, with land enough to make a substantial income? We have it. A ten acre tract, best water right in this section, five room brick dwelling, barn with loft and garage, home orchard of apple, cherry and plum trees, grapes and small fruit, balance of land suited to the highest paying crops. A choice tract. Write

Wm. C. Steele, Box 235, Rocky Ford, Colo.

BEST LANDS

Nothing better in East Colorado; farms and ranches; lowest prices; best terms; write for facts and lists.

R. T. CLINE, OWNER, BRANDON, COLO.

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IRRIGATED FARMS

Farm lands in the San Luis Valley produce 4 tons of alfalfa, 60 bu. wheat, 300 to 500 bu. Spuds, other crops equally well. Best hog country in the world. Farm prices low. Send for literature about this wonderful valley. Excursions every two weeks.

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CHEAPEST GOOD LANDS IN AMERICA

Your choice from thousands of acres in south central Florida highlands, splendid orange, garden, general farming and cattle lands; wholesale prices, easy terms or exchange. Interstate Development Co., Scarritt Building, Kansas City, Missouri.

FLORIDA—Farmers come to Fort Lauderdale, east coast Florida, paradise tropical climate, raise vegetables all winter. Everglade land rich as manure. Corn big yields. Sugar cane 30 tons acre for syrup and sugar, one planting last 10 years. Now \$35 acre. Will be worth \$300. Free Panorama views of country. Tourists Promotion Company, Fort Lauderdale, Florida.

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300,000,000 ACRES

free government land in U. S. Send for free descriptive circular of our 100-page book "The Homeseeker," which tells you how to acquire this land, or send \$2 for book direct.

THE HOMESEAKER, Department 104, Los Angeles, Calif.

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LISTEN! Imp. 120 a., \$3,000, terms: imp. 40, \$1,300, terms. McGrath, Mtn. View, Mo.

BUY A HOME in the Ozarks. Write Roy & Stephens for list, Mansfield, Mo.

THESE ARE the cheapest good level improved farms we have found in Mo. Come or write. Turner & McGlothlin, Lamar, Mo.

FREE—All about the Ozarks, and list of cheap farms, all sizes, best of terms. Durnell Land Co., Cabool, Missouri.

FREE LIST describing Ozarks. 75 farms, dairy, orchard, timber, cut over and tobacco land. Simmons & Newby, Cabool, Mo.

TRADES MADE EVERYWHERE; describe property and tell me your wants. Duke, Adrian, Missouri.

COME to the Ozarks. Good spring water. Farms all sizes. Write for list. Douglas County Abstract Co., Ava, Mo.

WRITE FOR OUR LIST of improved and unimproved gently rolling, valley and bottom farms. \$15 to \$50 per acre. J. D. Gerlach & Co., Doniphan, Missouri.

COME to beautiful Bates Co., Mo., the home of corn, bluegrass, and clover. See Wendleton's farm bargains. Do it now. C. E. Wendleton, Butler, Missouri.

POOR MAN'S CHANCE—\$5 down, \$5 monthly buys forty acres grain, fruit, poultry land, some timber, near town, price \$200. Other bargains. Box 425-0, Carthage, Missouri.

MISSOURI—\$5 down \$5 monthly buys 40 acres truck and poultry land near town Southern Mo. Price \$240. Send for bargain list. Box 169, Mt. Vernon, Ill.

ATTENTION FARMERS

Do you want a home in a mild, healthy climate, where the grazing season is long, the feeding season short, waters pure, soils productive? Good improved farms, \$30 to \$50 acre. Frank M. Hamel, Marshfield, Mo.

FOR SALE—120 acres improved farm for dairy, poultry, fruit; 55 acres in cultivation, balance pasture and timber; 5 miles N. E. Osceola, Mo. \$27 per acre. Address, A. Trout, Melvern, Kansas.

MINNESOTA

PRODUCTIVE LANDS—Crop payment or easy terms. Along the Northern Pacific Ry., in Minnesota, North Dakota, Montana, Idaho, Washington and Oregon. Free literature. Say what state interests you. H. W. Byerly, 81 Northern Pac. Ry., St. Paul, Minn.

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PIERCE COUNTY, Nebraska, farms for sale, 240 and 320 acre tracts extra well improved. Good soil. Fine buildings. Good roads, water, schools. Price \$175 acre; terms. Frank Pilger and D. C. Deibler, Pierce, Neb.

NEW YORK

140 ACRES SILT LOAM, team, 5 cows, tools, nice dairy farm, everything \$4,000. See catalog. Coughlin Farm Clearing House, 121 S. Warren St., Syracuse, N. Y.

OKLAHOMA

N. E. OKLA., 80 acres, one mile of Vinita, all smooth valley land, fair improvements, flowing well, good water, no rock, six thousand, terms. Arch Wagoner, Vinita, Okla.

270 ACRES in free range section in Oklahoma. Produce cattle and hogs cheaply. A money maker, \$6,500.00. Terms. C. L. PRATT, Jr., Picher, Okla.

80 ACRES, 5 miles city 3,000 this county. 60 acres fine bottom cultivation, fine improvements, \$40 per acre. Terms. Southern Realty Co., McAlester, Oklahoma.

TEXAS

ONE CABBAGE crop often pays for the land in Lower Rio Grande Valley. Save \$100 per acre by dealing with owner.

L. W. Heagy, LaFeria, Texas.

THE SANTA FE has built a new branch railway line through the South Plains region of West Texas. A new farming and livestock region with new towns is being opened up. This territory already is partly occupied by a good class of settlers and crop possibilities proven by actual experience. Here you can profitably raise cotton, corn, sorghums and fruit. It is an ideal livestock and dairy country. Low prices for untitled lands and very easy terms. Move in early and take first pick. Write today for free illustrated folder.

T. C. SPEARMAN, Blythe, Texas.

REAL ESTATE WANTED

I HAVE CASH BUYERS for salable farms. Will deal with owners only. Give description and cash price.

Morris M. Perkins, Box 375, Columbia, Mo.

65 Lb. LAMBS BY APRIL



ALONG THE

Seaboard

the south's newest great railway.

In Florida farmers get "hot-house" prices for pastured lambs. Ewes drop lambs from November to January which are pastured on oats, rye and rape. By April they have a well-grown, fat, 65-lb. lamb ready for market.

Two Crops of Corn

Corn can be planted in February, harvested in May; planted again in April and harvested again in September. Velvet beans, planted with the crop, give the equivalent of 16 additional bushels.

There are millions of acres of yet untouched by the plow, productive prairie lands—and hammock soils that grow 75 bushels of corn—and muck soils that produce even more. Model schools and churches, excellent roads.

Write for information about Fla., Ga., Ala., N. C., S. C. and Va. farm opportunities.

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WANT TO HEAR from party having farm for sale. Give particulars and lowest price. John J. Black, Capper St., Chippewa Falls, Wis.

FARMS, ranches, city property, merchandise for sale and exchange. Write us. Weeks & Shackelford, 1023 E. 31 St., Kansas City, Mo.

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

FOR SALE OR EXCHANGE, 800+ acres Franklin county, Kan. Two sets improvements. Can divide into two 400 acre farms. Choice location. Well improved. Nice black land. Ask for special description.

Mansfield Land & Loan Co., Ottawa, Kan.

MISCELLANEOUS

FARMS FOR SALE—West Texas, Kansas and Oklahoma. E. E. Gabbart, Alva, Okla.

COMPLETE INFORMATION on the Southwest and Mexico where opportunities abound. Weekly bulletins, \$3 yearly. Rogers-Burke Service, Tucson, Arizona.

SELL YOUR PROPERTY quickly for cash, no matter where located, particulars free. Real Estate Salesman Co., 515 Brownell, Lincoln, Nebraska.

200-Acre Equipped Farm With 4 Horses, 11 Cattle and

15 hogs, all equipment, improved road, convenient advantages; ideal alfalfa; 65 acres creek-watered pasture; valuable woodland; fruit; splendid set buildings; owner called out state makes price only \$8,500, easy terms. Details this and other equipped Mid-West farms page 84 Strout's free illustrated catalog 1,200 bargains, postpaid.

STROUT FARM AGENCY, 831GP New York Life Bldg., Kansas City, Mo.

Are all of the drifts burned along the streams on your farm? It pays well to keep the channels clear.

Only hogs that are healthy, fat and gaining in weight should be selected for slaughter. Animals in poor health when slaughtered may be affected with some disease that is injurious when the meat is used as food. Meat from unhealthy animals also is likely to spoil quickly and may be difficult to keep after curing.

The Grain Market Report

BY JOHN W. SAMUELS

RESULTS of the world's crop production for 1920 are still rather imperfectly known, but there seems to be a much larger cereal production than for the year of 1919. In all of the countries for which information is at hand indications are that for the two years the crops of wheat, oats, corn, barley and rye amount to 8,740,000,000 bushels, or 6 per cent more than that of the crops of 1919. The countries normally producing two-thirds of the so-called world's crop of wheat the apparent production in 1920 is 2,430 million bushels and this quantity is a gain of 2 per cent upon the crop of 1919. Oats show a gain of 11 per cent upon 1919 in countries with two-fifths of the world's production; corn 10 per cent in countries with three-fourths of the world's production; rye 5 per cent in 10 countries; while barley loses 8 per cent in 15 countries.

Wheat at Kansas City was quoted 2 to 3 cents lower, dark hard was unchanged to 2 cents lower and red wheat was from a cent to 2 cents lower. Demand was fair for hard wheat and dull for red wheat. Prices for No. 1 dark hard wheat ranged from \$1.71 to \$1.72, while No. 2 ranged from \$1.68 to \$1.71. Quotations for No. 1 hard wheat were \$1.67 to \$1.70; No. 1 red wheat, \$1.90 to \$1.91; No. 2, \$1.89 to \$1.90.

Big Corn Crop

The final estimate for the year on the corn yield of Kansas is 132,786,120 bushels. As so much of the livestock was sold and marketed early in the year, there is not the usual demand for corn by feeders. Yellow corn was about steady, while white corn was from 1/2 to 1 cent lower. No. 2 white ranged from 65 cents to 66 cents, and No. 2 yellow from 67 to 70 cents a bushel. The state's yield of oats for the year is estimated to be 68,693,304 bushels, but the demand for this grain is rather restricted and prices have been from 44 cents to 49 cents, according to the grade.

The year's kafir production of Kansas is reported as 19,529,850 bushels, but on account of the abundance and cheapness of corn it will not be used so extensively for feeding as in former years. The yield of milo is 5,458,713 bushels and feterita is 1,547,990 bushels. Quotations at Kansas City last week were \$1.12 for No. 2 kafir and \$1.05 for No. 3 kafir; \$1.15 for No. 2 milo, and \$1.10 to \$1.13 for No. 3 milo.

Millfeeds Unchanged

The millfeed market is comparatively quiet. Bran is quoted at \$26 to \$27 a ton; brown shorts at \$24 to \$25 a ton, and gray shorts at \$25 to \$26 a ton. Many farmers are reported to be buying cottonseed meal in preference to wheat bran because 1 pound of cottonseed meal is considered equal to 2 pounds of wheat bran for milk production. Thirty-six per cent cottonseed meal on Memphis basis is quoted at \$27 a ton. Linseed meal on Minneapolis basis is quoted at \$40 a ton.

Hay market is quiet and receipts have been moderate. Colder weather in the West is expected to improve the demand. However, it is my opinion that we will have a reasonably firm market in January on hay.

The only thing that may affect the situation very materially is the action of the railroads in making big reductions in freight rates from Idaho and other Western states on hay on carload lots. From a number of Western

points the rates have been reduced from \$16 to \$10. This, of course, will stimulate shipping from these points and may cause alfalfa prices to break somewhat. Kansas City quotations for choice alfalfa are \$24 to \$25 a ton; No. 1, \$21 to \$23.50; standard, \$17 to \$20; No. 2, \$13.50 to \$16.50, and No. 3, \$11 to \$13. Prices for prairie hay were for No. 1, \$14.50 to \$15; No. 2, \$10.50 to \$13.50, and for No. 3, \$7 to \$10. Quotations on timothy hay were for No. 1, \$23 to \$24; standard timothy, \$20.50 to \$22.50; No. 2, \$16 to \$20; No. 3, \$11 to \$16.50. Other quotations were for choice light mixed clover, \$22 to \$24, and straw, \$10 to \$10.50 a ton.

The Livestock Market

BY WALTER M. EVANS

Hog prices were \$1 to \$1.10 higher than a week ago, when the market was at the low point of the season. The top was \$9.85 and bulk of hogs sold at \$9.65 to \$9.75. Most of the offerings were in the medium weight class. Pigs sold up to \$9.75. Receipts for the week were light, and packers were unable to fill their orders. Many believe that last week recorded the lowest level of the winter packing season and that from now on demand will be sufficient to absorb liberal supplies.

Demand for cattle showed a marked improvement over last week. Prices were 75 cents to \$1 higher on steers, and 50 to 75 cents higher on cows and heifers. Trade was active and the supply was barely equal to the most urgent demand. Good to choice fed steers sold at \$10.25 to \$11.75 and short fed classes brought \$8.75 to \$10. Cows sold mostly at \$5.25 to \$6.50, and heifers \$6.00 to \$7.50. A few choice grades up to \$10.25. Veal calves were \$1 higher at \$6 to \$10.50. The range movement is ended and grass fat cattle have ceased to figure in the available supply. From now on the movement will be from the corn belt. Some improvement is expected in quality after the first of the year.

Offerings of thin cattle were light and prices were up 50 cents. Good grades sold readily at the advance. There is more inquiry for good weighty steers suitable for a short feed. A good many Texas and Colorado stockers sold at \$6.50 to \$7.50, and feeders up to \$8.25. Choice stock calves brought \$8.50. A good many choice stock cows brought \$5.25 to \$5.75.

Lambs advanced \$1.50 and sheep 75 cents to \$1. Best lambs sold up to \$11, and at the full advance most sales were at \$10.50 to \$11. Several loads arrived from the San Luis Valley and Northern Colorado. They weighed 72 to 94 pounds. Ewes sold at \$3.50 to \$4.50, and yearlings up to \$8.50.

Trade in horses and mules remained quiet at unchanged prices. Total offerings were less than 100 head.

Eggs were quoted up 1 cent a dozen. The cold weather is expected to reduce receipts. Heavy hens were up 1 cent, light hens up 3 cents, geese and ducks up 1 cent, packing butter up 1 cent.

Eggs—Firsts, 38c a dozen; seconds, 49c; selected case lots, 68c. Butter—Creamery, extra, in cartons, 52c a pound; bulk, 2 1/2c to 4c less; packing butter, 19c to 20c.

Public Sales of Livestock

Hereford Cattle.

Jan. 11-12—Mousel Bros., Cambridge, Neb.
Apr. 7—Carl F. Behrent, Oronoque, Kan.

Shorthorn Cattle.

Mar. 29-30-31—Central Shorthorn Assn. Show and Sale at Kansas City, Mo.
Apr. 14—E. P. Flanagan, Chapman, Kan.
Apr. 15—Shorthorn Breeders' Sale, Newton, Kan.
O. A. Homan, Mgr., Peabody, Kan.

Holstein Cattle.

Jan. 26-27—Kansas National Livestock Show and Sales, Wichita, Kan. W. H. Mott, Mgr., Herington, Kan.
Feb. 25—H. A. Tuttle, Lawrence, Kan. W. H. Mott, Sales Mgr., Herington, Kan.

Chester White Hogs.

Feb. 12—Henry Murr, Tonganoxie, Kan.
Jan. 20—Arthur Mosse & Daughter, Leavenworth, Kan.
Jan. 28—C. H. Cole and E. M. Reckards, Topeka, Kan.

Jacks and Jennets.

Mar. 10—Hineman & Son, Dighton, Kan.
Mar. 15-16—L. M. Monsees, Smithton, Mo.

Poland China Hogs.

Jan. 12—Ross & Vincent, Sterling, Kan.
Jan. 13—F. Olivier & Sons, Danville, Kan.

The Kansas Duroc Sale Circuit

Under the Auspices of the Kansas Duroc Jersey Breeders Association

Eight great consignment sales of carefully selected bred sows, one sale in each congressional district, to be held the last week in January, and the first half of February. All sales catalogued in one super-catalog. Order your copy today. It contains all the "dope."

RALPH SEARLE, Sale Manager, Tecumseh, Kansas

DUROC JERSEY HOGS.

Joe's Orion Friend Walt

Now heads our herd, an outstanding individual for size and conformation; sired by Joe Orion 2nd; dam by Jack's Friend; grand dam on maternal side by Walt's 2nd Colonel. We are offering tops of our spring gilts and fall yearlings bred to him or Long King Orion, a big, type grandson of Orion Cherry King. Have a few good boars left. Write immediately.

ROSS M. PECK, GYPSUM, KANSAS

Duroc Boars

You need a pig. We need the coin. Our boars are big in bone and loin. We ship to you before you pay. Our price is right. Write today.

F. C. CROCKER, BOX B, FILLEY, NEB.

Brae Side Farm Durocs

Line bred Orion Cherry King and King the Col. breeding. Boars, bred sows, open and bred gilts. Priced to sell. Write for prices.

BRAE SIDE FARM, E. D. HARDMAN, Owner, R. 1, Pueblo, Colo.

Valley Spring Durocs

Big-type spring boars, \$30 to \$40; summer boars and gilts, unrelated, \$25; tried sows and high-class gilts, bred to sons of such noted sires as John's Orion, Pathfinder, Jr., I Am A Great Wonder Giant, and Joe King Orion; former prices; all immunized; registered; guaranteed. Registered fall yearlings, \$15 and \$20. Terms to responsible parties.

E. J. BLISS, BLOOMINGTON, KANSAS

PATHFINDER SPRING GILTS

as well as fall boars. Some sired by Pathfinder. Registered, immunized, guaranteed. We prepay express charges.

OVERSTAKE BROS., ATLANTA, KANSAS

BRED SOWS AND GILTS

Also spring boars. 20 big tried sows, fall yearlings and spring gilts, bred to or sired by Great Wonder Model and Pathfinder Graduate for March and April litters. Big, rugged, spring boars \$30.00 to \$60.00. Shipped on approval. **HOMER DRAKE, Sterling, Kan.**

FAIRFIELD FARM DUROCS

12 April boars, 200 to 250 pounds, sired by Royal Orion 349033 and Lady's Col. Orion 287401. Priced cheap. \$65.00 to \$75.00.

BEAUCHAMP & HINER, HOLTON, KAN.

McClaskey's Durocs

Ten head of spring boars, Orion and Pathfinder blood lines. Well grown, immune, registered and priced to sell. Also spring gilts.

C. W. MCCLASKEY, R. 3, GIRARD, KAN.

ROADSIDE FARM DUROCS

10 boars and 15 gilts, carefully grown and the tops for sale at fair prices. Best of breeding and individually right.

Fred Crowl, Barnard, Kan., Lincoln County

1883—Searle Durocs—1921

38 years of constructive breeding combined in every animal you buy from us. Registered, immune, bred sows reasonable.

Searle & Searle, R. 15, Tecumseh, Kansas

REPLOGLE'S DUROCS

Spring gilts and boars; fall boars; yearlings sired by a son of the 1917 National grand champion, Jack's Orion King 2d and a grandson of Fancy Col. Good Durocs; priced reasonably.

Sid Replogle, Cottonwood, Falls, Kan.

Extra Good Bred Gilts

spring and summer yearlings of Pathfinder and Orion breeding bred for September farrow to High Orion Sensation and Chief Pathfinder. Young herd boars by Pathfinder and Great Orion Sensation. Write us about good Durocs. **GWIN BROS., MORROWVILLE, KAN.**

McComas' Durocs

20 good spring boars; 100 fall and spring gilts; Pathfinder and Orion Cherry King breeding; cholera immunized; priced to sell.

W. D. McCOMAS, Box 455, WICHITA, KAN.

Boars—Boars—Boars

A splendid bunch of real prospects, herd headers, including our prize winning litter at both Topeka and Hutchinson fairs. Come and pick a herd boar. We sure have them. Come early; get your choice.

ZINK STOCK FARMS, TURON, KANSAS

SOWS BRED FOR SPRING FARROW

Choice individuals; best of blood lines; priced reasonable; Orion and Pathfinder breeding.

RALPH P. WELLS, FORMOSO, KANSAS

REGISTERED DUROCS FALL PIGS

Either sex; also a number of older males and gilts; all well grown and good ones. **J. E. Weller, Holton, Kan.**

DUROC JERSEY HOGS.

BIG TYPE DUROC BOARS

A stretchy bunch of boars ready for service by Cherry King Orion, Pathfinder, Great Sensation, Uneeda High Orion. The best of Duroc blood lines. Immunized and priced right.

J. A. REED & SONS, Route 2, Lyons, Kansas

Boars: Boars: Boars:

Pathfinders, Sensations and Orions sired by Giant boars and out of 700 and 800-lb. sows. These boars are big, rugged, thrifty fellows weighing from 200 to 300 lbs. in breeding form; immunized; priced to sell. Liberty bonds taken in payment. Write now, describing your wants.

G. M. SHEPHERD, LYONS, KANSAS

Two Dandy February Grandsons of ORION CHERRY KING

Priced reasonable. A few picked April boars, \$25 each. Two pippins, \$50 each. O. C. K. Great Wonder, Taxpayer breeding. Sows and gilts bred and open.

J. A. CRIETZ & SON, BELOIT, KANSAS

15 Pathfinder Chief Boars

MUST GO NOW!

Sixty Pathfinder Chief, Orion and Sensation gilts bred to Pathfinder Chief, Great Pathfinders and Intense Orion Sensation. Must go soon. Come see them.

W. W. OLEY, WINFIELD, KANSAS

DUROC HOGS

A few choice boars fit to go into any herd; also boars for the farmers. We are offering them cheap. Write for come and see us.

JNO. W. JONES, MINNEAPOLIS, KANSAS

Woodell's Durocs

Some good spring and summer boars at farmers' prices to move at once; most of them sired by Chief Wonder, first aged boar at both Kansas fairs, 1920.

G. B. WOODELL, WINFIELD, KANSAS

Sensation and Pathfinder

Good spring boars at \$40 each; extra gilts by Climax Sensation and Pathfinder Orion and bred to High Orion for spring farrow; also tried sows bred; August pigs, either sex. Prices will suit.

Henry Woody, Barnard, Kan., Lincoln County

CHOICE DUROCS

Large type; Proud King Orion breeding; double immunized; bred gilts for sale later. Priced to sell.

M. STENSAAS, CONCORDIA, KANSAS

LIVESTOCK AUCTIONEERS AND SALE MANAGERS.

BE AN EXPERT AUCTIONEER OR BANKER!

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Claim your 1920-21 dates with me early.

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My reputation is built upon the service you receive. Write, phone or wire.

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DUROC JERSEY HOGS.

Boars of Size and Quality

Big-type spring boars, ready for service; also gilts; best breeding of the Sensations, Crimson Wonders, Orions and Cols. families. All immunized and priced for quick sale.

ERNEST A. REED, R. 2, LYONS, KANSAS

FOGO'S DUROCS

Spring boars by Fogo's Invincible, Scissors Nephew, High Sensation, Jr., and the \$5,000 Big Giant King and others. They are real ones. Price \$50 to \$75 for herd header prospects.

W. L. FOGO, BURR OAK, KANSAS

DUROC SPRING BOARS AND GILTS

For immediate shipment. Priced reasonable.

R. F. GARRETT, STEELE CITY, NEB.

DUROCS

Defenders! Largest herd of intensely bred Colonels in the West. Breeding stock of all ages for sale.

DAYTON CASTLEMAN, BUNCETON, MO.

all breeds has been bad and Mr. Murr must sell these boars. If you want a good one now is the time to buy. The date of Mr. Murr's bred sow sale in Tonganoxie is February 12. His bred sows are of the most popular lines of breeding. Prince Tip Top is owned by Mr. Murr and is now in service in his herd. You are buying the right kind if you buy in his sale. You can ask for the catalog any time but always mention the Kansas Farmer and Mail and Breeze when you write.—Advertisement.

C. W. Taylor's Shorthorns

C. W. Taylor, Abilene, Kan., is an extensive breeder of Shorthorn cattle. He is very likely one of four or five of the largest breeders of Shorthorns in the state. He is not a speculator but a breeder of Shorthorns. For a good many years he has advertised each fall and winter in the Kansas Farmer and Mail and Breeze and sold his surplus without a public sale. He culls closely and is able to sell his best bulls and surplus females at prices that are very reasonable. At present he has in the neighborhood of 30 bulls, more than half of them from 12 to 18 months old. Others are spring calves. These bulls are in good breeding condition. The breeding is of popular Scotch families and while but a few of them are of pure Scotch breeding most of them are almost so and of the most popular families. Write Mr. Taylor for prices and descriptions. If you can visit the herd soon, write Mr. Taylor at Abilene and he will arrange to take you to the farm to see the bulls.—Advertisement.

H. T. Hayman Sells Polands January 28

H. T. Hayman, Formoso, Kan., opens the Poland China bred sow sale season at Formoso, Kan., Tuesday, January 18. At least this is the first Poland China bred sow sale of the season in Kansas. For several years Mr. Hayman has been selling Poland China bred sows at about this time. In his sale at Formoso (sale in town) Mr. Hayman is selling 45 head sired by Blue Valley Timm-Wonder, Mouw's Gersdale Jones, Col. Prospect and a string of granddaughters of Fashionpiece, Bob Wonder and Blue Valley Big Bone. The sows cataloged are immunized and bred to Rainbow Jayhawk, a good son of Rainbow; Clan's Bob; a special son of Isaac Tyson's Clan's Model and the Kansas fourth prize boar under 18 months. Blue Valley Timm-Wonder has an enviable record for siring the good kind. He sired first and reserve champion spring boar, Longfellow, at the Kansas State Fair, Oklahoma and Alabama and third on young herd and get of sire, Kansas State Fair. This sale affords a real opportunity to get the kind that is going to sell high in February, sales and at farmers prices. The sale is a little early and prices are sure not to be high in this sale. Write today for the catalog. Address, H. T. Hayman, Formoso, Kan.—Advertisement.

W. L. Fogo's Durocs

W. L. Fogo, Burr Oak, Kan., Jewell county, is a Duroc Jersey breeder that has attracted attention to his herd in the last year or so by showing at the Kansas National, Wichita, Kan., and at smaller shows. At Wichita, 1919, he showed a wonderful lot of Duroc Jerseys. They were the big attraction in the swine department that year. Lady Gano 67136 was junior champion sow in that show. In Mr. Fogo's big bred sow sale at Burr Oak, February 22, he will sell this great sow, in her prime, and three of her gilts by Fogo's Invincible. In addition he will sell 25 gilts that are better than any he showed at Wichita. To you who saw the Wichita Fogo exhibit this statement will mean something. Another attraction will be a splendid sow by Great Wonder I Am and three of her gilts by Pathfinder's Likeness, the grand champion of Iowa in 1918. Great Wonder Model 2nd sells with three of her gilts bred, that are by High Sensation Junior. Invincible High Back, a litter sister to Fogo's Invincible, a show sow, sells and one of her gilts. Also a splendid gilt out of the top sow in McAndrews sale last winter. This gilt is by King Oriole Cherry, the first prize junior yearling Ohio and Indiana, 1918. In the Jewell county fair this year Mr. Fogo won junior champion on a litter brother to this gilt. Mr. Fogo has great faith in the future of the Duroc Jersey. He is a firm believer in the best and is raising the kind that is in demand where the best is desired. His bred sow sale will be advertised in the Kansas Farmer and Mail and Breeze and you are invited to come. You can ask him to book you for the catalog now. Always remember to mention the Kansas Farmer and Mail and Breeze when you ask for a catalog.—Advertisement.

BY J. T. HUNTER

Smiley's Chester White Hogs

E. E. Smiley, Perth, Kan., has an extra nice bunch of gilts as well as tried sows. He has had unusually good luck this fall in getting the sows and gilts with pig. These Chester Whites are big ones and easy keepers. Chickasaw Kossuth 2d blood is strong in the herd. One of the herd sires is Chicks, a son of this great boar. Now is a good time to start a good purebred herd of hogs. Writing a letter to Mr. Smiley would be a good thing for you to do at this time. He has Chester Whites of any age for sale. Please mention Kansas Farmer and Mail and Breeze when you write him.—Advertisement.

F. E. Wittum Sells Polands January 20, 1921

F. E. Wittum, Caldwell, Kan., lives eight miles southeast of Caldwell, Kan., and will January 20 hold an auction sale there of some good registered Polands. The offering comprises 15 tried sows and 25 spring gilts. The sows are strong in the blood of Logan Price, A Wonderful King, Caldwell's Big Bob, Big Timm, Black Orange, Expansion and Smooth Orange. The gilts, out of the sows are bred to a son of Smooth Orange and to a son of Morton's Giant. By the way, this son of Morton's Giant is one of the best individuals to be found in any Poland herd in Kansas or Oklahoma and his pigs show that he is a real breeder. Every hog is immunized. Liberty bonds and properly secured notes will be accepted in payment. Write F. E. Wittum, Caldwell, Kan., for a catalog. Please mention Kansas Farmer and Mail and Breeze.—Advertisement.

H. G. Cherry, Pleasanton, Sells Holsteins

H. G. Cherry, Pleasanton, Kan., has a dairy farm between Mound City, Kan., and Pleasanton, Kan. On January 6 he will sell 60 head of registered and high grade Holsteins. In a mixed sale of this kind an excellent opportunity is offered the prospective



KANSAS NATIONAL LIVE STOCK EXPOSITION

WICHITA

Jan. 24 to 29, 1921

AMERICA'S
LARGEST SALE OF REGISTERED LIVESTOCK

1,100 Registered Animals at Public Auction

All Breeds are Judged the Day Before They Sell

SALE PROGRAM

Tuesday, January 25, at 9:00 a. m.

200 Shropshire and Hampshire Sheep, including 40 imported bred ewes, consigned by the Anoka Farms, Wheaton, Ill.

100 Duroc Jerseys, including 90 sows bred to famous sires and grand champion boars. Such as Pathrion, Pathfinder Chief 2nd, (etc.).

Wednesday, January 26, at 9:00 a. m.

100 Herefords in the Purple Ribbon Sale. 70 females and 30 bulls, sired by and bred to the greatest bulls of the breed. Including Prince Domino, sire of the 1920 International grand champion, Princeps Domino, Gay Lad 9th, the only bull that has sired two International grand champions, the \$5,700 young Gay Lad, etc.

At 1:00 P. M.

100 Herefords in the Breeders' sale. 65 females and 35 bulls. A dozen or more grand champion bulls are represented by their get. A chance to buy well bred cattle in stock condition.

Thursday, January 27, at 9:00 a. m.

100 Scotch Shorthorns in the Purple Ribbon Sale. More grand champion bulls will be represented in this sale than ever were represented in any other Kansas sale. Such as Maxwellton Commander, Revolution, Village Supreme, Bapton Corporal, Village Marshall, Rosewood Dale, Fair Acre Sultan Jr., Pleasant Acre Sultan, Cumberland Gift, Marshall Joffre, Villager Jr., King Baron, Cumberland Marshall, Cumberland Type, etc.

At 1:00 P. M.

100 Scotch and Scotch-top Shorthorns in the Breeders' Sale.

At 9:00 A. M.

100 Holstein Friesian, including a number A. R. O. cows. The Kansas Holstein Friesian Ass'n have charge of this sale and will endeavor to assemble the best lot of cattle ever offered in a Kansas sale.

F. S. Kirk, Manager, Livestock Exchange, Wichita, Kansas

Car-lot feeder cattle will be judged Tuesday, January 25, and from 100 to 200 car-lots sold at auction Wednesday, January 26.

T. Y. Norton, Superintendent, Wichita, Kansas

Friday, January 28, at 9:00 a. m.

112 Big Type Poland China Bred Sows and 10 Boars. The greatest Poland China sale ever held in Kansas. Sows sired by and bred to Masterpiece, The Yankee, Carnation Bob, Caldwell's Big Bob, McGath's Big Orphan, Model Wonder, Longfellow Jumbo, Desher Giant, Morton's Giant, Wonder Masterpiece, F. S. B. Jones, sire of the \$50,000 Grant's Great Giant, Peter the Great, Columbia Giant, etc. Descendant of the \$17,200 Fashion Girl, the \$14,800 Kramer's Kind.

At 1:00 P. M.

Sale of 100 Aberdeen Angus, including 70 cows and 30 bulls sired by and bred to the grand champion, Prince Marshall, the \$9,200 Blackcap Poe, the famous sire of Angus show steer Maxton, Louis of Viewpoint, etc. You can buy high class Angus at reasonable prices.

Saturday, January 29, at 9:00 a. m.

107 Percheron Horses, including 65 mares, 12 colts and 30 stallions. This sale contains 22 mares bred to Carnot and his sons, 18 mares sired by Carnot and his sons, 15 stallions sired by Carnot and his sons, including Carjan, an own brother to Wolfington, twice junior champion and twice grand champion American bred stallion at the Chicago International. Also Carlie by Carnot dam by the grand champion and famous sire, Calypso. THE SEASON'S GREATEST SALE OF PERCHERONS.

Immediately Following the Percheron Sale

5 Belgian Stallions, 40 Jacks and 10 Jennets will be sold, including the grand champion Belgian stallion at Topeka and Hutchinson. Also a dozen or more big jacks from fifteen to sixteen hands, weighing 1100 lbs. to 1200 lbs.

Premium Lists Mailed Free on Request. Separate Catalogue for Each Sale. Write for the One You Want.

Colorado State Horse Breeders' Association

Second Annual Sale. At Stock Show

Denver, Colo., January 20

At 10:00 a. m.



The offering will include thirty-five Percheron mares and fillies, one Shire mare, seven Percheron stallions, one Belgian stallion. The entire consignment has been inspected by a competent inspection committee. There will be a number of imported mares and practically all mares of breeding age are 4th foal. Some nice fillies are listed and some of the stallions are good enough to head a herd of registered mares. Several of the animals have very prominent show records, and practically all are close descendants of famous winners.

CONSIGNORS:

W. A. SARGEANT & SON, Ft. Morgan, Colo.
ARTHUR BUTH, Broomfield, Colo.
A. J. ZANG INV., CO., Denver, Colo.
L. C. HELBURG, Boulder, Colo.
W. A. SMITH, Boulder, Colo.
CRAFT & BELTNER, Bayard, Neb.
R. F. McCUNE, Plattville, Colo.
H. BERT CAVE, Littleton, Colo.
Write at once for catalog to
D. A. JAY, Sale Manager, Boulder, Colorado

When writing advertisers mention this paper.



AL. E. SMITH'S JACK FARM

40 Big Mammoth Jacks

15 to 16 1/2 hands; the large, heavy-boned kind; all black with white points. More large jacks to select from than you will find elsewhere. Come and see them or write. Forty miles west of Kansas City, Interurban service.

Al E. Smith, Lawrence, Kansas

CHESTER WHITE HOGS.

4th Annual Bred Sow Sale

Kansas Herd Chester Whites

Leavenworth, Kansas, January 20

Mostly bred to grand champion boar, Don Big Joe; 280 ribbons won in 1920 by this herd. Write for catalog today.

Mosse & Mosse, Rural Route 6, Leavenworth, Kan.

Big Spring Boars \$40

Smaller ones, \$30. Bred sow sale, February 12. Sale in Tonganoxie. Your order for catalog booked now.

HENEY MURR, TONGANOXIE, KANSAS
Leavenworth County

REGISTERED CHESTER WHITES

Herd boar \$75.00. Bred yearling sows \$65.00. Open sows \$50.00. June gilts \$25.00. Earl Scott, Belvidere, Kan.

CHESTER WHITE SOWS AND GILTS
Bred fall and spring gilts; tried sows; fall pigs, either sex; guaranteed. E. E. SMILEY, PERTH, KANSAS.

O. I. C. PIGS, \$12.00 EACH
E. S. ROBERTSON, Republic, Missouri

CHESTER WHITE BOARS AND GILTS by
Bob Tip Top. W. H. Lynch, Neosho Rapids, Kan.

BIG CHESTER BOARS, ALL AGES
F. Scherman, R. 7, Topeka, Kan.

HORES AND JACK STOCK

Ton Black Percheron Stallions

2 and 4 yrs. old; 1,600-lb. 2-yr.-olds. Black registered Percheron mares and fillies bred to champion sire. FRED CHANDLER, R. 7, CHARITON, IA. Above Kansas City.

DOGS AND PONIES

ENGLISH SHEPHERD and Scotch Collie puppies. Natural heelers. Ready to ship. \$7 to \$10. H. W. Chestnut, Kincaid, Kansas.

LINE BRED AIREDALE PUPPIES
For sale. Write the Lawrence Kansas Airedales or telephone 2074, Lawrence, Kansas.

SHETLAND PONIES FOR SALE
All ages. Emmens Bros., Hill City, Kansas.

ANGUS CATTLE



20 Bulls

12 to 14 months old. Big, strong fellows. Priced reasonable.

J. D. MARTIN & SONS
E. 2, Lawrence, Kan.

SHORTHORN SALE

Denver, Colo., Wednesday, Jan. 19

A high class offering of Shorthorn cattle, richly bred, thick-fleshed, well grown, fifty head, about equally divided between bulls and females. This sale furnishes an opportunity for the selection of herd sires and foundation females.

The increasing number of Shorthorn steers at the Denver market is due to the 200 or 300 extra pounds which the Shorthorn carries at maturity.

The sale cattle will be on display for the several days preceding the sale. Remember also the Wichita sale, January 27, held in connection with the Kansas National Livestock Show. It will be a high class offering selected from the best herds in the middle west.

American Shorthorn Breeders' Association
W. A. Cochel, Sale Mgr. 13 Dexter Park Ave., Chicago, Ill.



CHANGE IN RULES

No animal over two years of age will be accepted for registry in the American Shorthorn Herd Book after February 1, 1921, or in the case of animals imported from Great Britain or Canada, two years after date of importation. After Jan. 1, 1921, a fee of \$5 will be charged for entering the pedigree of an animal between one and two years of age. Formerly the charge was \$10. Seller must furnish transfer and pay transfer fee. Twin animals must be entered for registry at the same time.
American Shorthorn Breeders' Ass'n, 13 Dexter Park Ave., Chicago, Ill. Ask for literature.

SHORTHORN CATTLE

LOOKABAUGH SHORTHORNS



Headquarters for Scotch Herd Bulls

This farm has never offered a better selection in bulls capable of heading the best herds, as well as a few not so highly fitted, but of the same reliable breeding, for the more conservative beginner, priced at \$500 to \$1,000. By sires of national reputation and from matrons belonging to my permanent breeding herd. These bulls will bring added prestige and work improvement in the herds in which they go, yet cost no more than the same quality bull elsewhere. Write for list of bulls now for sale.

H. C. LOOKABAUGH, Watonga, Oklahoma



Combined with the blood of Fair Acres Sultan

Genuine Herd Bulls by Master of the Dales and out of Collynie Bred Cows

Master of the Dales bulls are proving themselves splendid breeding bulls and we can show you a few real bulls of first class herd heading character.

They are a practical, husky and well grown lot that will appeal to breeders wanting bulls of real merit.

H. M. Hill, La Fontaine, Kan.

1886 TOMSON SHORTHORNS 1920

200 high class cattle of most popular strains. Sires: Village Marshal and Beaver Creek Sultan. Several extra good young herd bulls for sale. Address

TOMSON BROS.
Wakarusa, Kansas, or Dover, Kansas.

SHORTHORN BULLS

Choice young bulls for sale, sired by bulls carrying the popular blood lines.
C. W. TAYLOR, ABILENE, KANSAS
Dickinson County

Geary County Shorthorns

Pure Scotch and Scotch-Topped bulls from 6 to 13 months old. Reds, roans and whites. Also a few females. Write or come at once.

GEO. J. CASPER & SON, ALIDA, KANSAS

SHORTHORN CATTLE

Amcoats Shorthorns

12 bulls, 7 to 13 months, including pure Scotch. Roans, red and white. Also Scotch and Scotch topped females. Write for descriptions and prices.

S. B. Amcoats, Clay Center, Kan.

Abbotsford Shorthorns

Choice young bulls, reds, roans and whites. Six to fourteen months old. Also bred cows and open heifers. Can ship over Missouri Pacific, Rock Island and Santa Fe. Farm three miles south of Herington. For descriptions and prices, address

T. A. Ballantyne, Herington, Kansas

MONDAMIN SHORTHORNS

Scotch Bulls

Size—Quality—Individuality—Breeding

15 yearling and 2-year-old bulls by Golden Sultan, Royal Butterfly and Cumberland Crest; also a number of range bulls for sale. All are priced to sell.
HELD BROS., HINTON, IOWA

FOR SHORTHORN BULLS

All ages. Address

HUNT BROS., BLUE RAPIDS, KAN.

SHORTHORNS FOR SALE

20 cows, 10 heifers, 7 bulls; cows are bred to Rosario 6861, a pure Scotch bull; calves are by Rosario and Snowflake. Write or call.
C. E. HILL, TORONTO, KANSAS

ONE 5-YEAR-OLD ROAN SCOTCH BULL FOR SALE
Also some young bulls. Herd bull Marr Clara, bred by Tomson Bros. O. E. SCHULZ, ELLSWORTH, KAN.

POLLED SHORTHORNS.

50 Polled Shorthorns

Reds, Whites and Roans, 20 males, 30 females for sale. Not of kin. Sired by Roan Orange, Sultan's Pride, Grand Sultan, and Scottish Orange. Nearly 200 in herd. Prices cut. Calves \$75.00 to \$300.00. Yearlings \$75.00 to \$400.00. Cows and heifers \$100.00 to \$1000.00.

J. C. Banbury & Son
Plevna, Kansas

One mile west of town. Phone 2803. 6 mi. south and 20 mi. west of Hutchinson.

POLLED HEREFORD CATTLE.

Double Standard Polled Herefords

Choice young bulls for sale. Write for description and prices.

WM. C. MUELLER, Hanover, Kan.

buyer to pick out what he wants because there are for his selection either the registered animal with the pedigree available which helps put a better sale price upon the offspring of the animal and the grade animal which may have good individuality and perhaps good production as a milker but with the pedigree lacking the offspring will sell for less. Then, the buyer at Mr. Cherry's sale will find young heifers, close up springers, and cows now milking. Dairy cattle, particularly the Holsteins, have suffered little from the slump in livestock prices. This is sufficient proof of their profitable importance to the farm. The sale is January 6. Plan to attend. Write H. G. Cherry, Pleasanton, Kan., about the offering. Please mention Kansas Farmer and Mail and Breeze.—Advertisement.

The Kansas National Sheep Sale

A few years ago the manager of the Kansas National sales decided that it would be a good thing for the Kansas farmers if they were given the opportunity to buy registered sheep at auction. In January 1918, the first auction sale of registered sheep ever held in Kansas was held in connection with the big livestock show at Wichita. Each year the sales have been larger and more popular with the breeders and farmers. At the last sale about 100 registered Hampshire and Shropshire sheep were sold. Like all the other sales held in connection with the show, the sheep sale is growing, and the coming sale to be held January 25 will include 150 Shropshires and 50 Hampshires. The Anoka Farms, owned by F. W. Harding, consigns 40 imported Shropshire ewes, bred to imported rams. O. A. Homan & Sons consign five ewes, sired by Senator Bibby 17th. Four of them were first prize at the Topeka Free Fair, also first and second in class for ewe lambs at the Hutchinson State Fair. The Homan consignment also includes two imported Bibby ewes, one daughter of Old Senator Bibby and four home bred ewes, all of them being from the show herd. One of the rams in this consignment and a state fair champion and his sire and dam were both state fair champions. The Kansas Agricultural college will sell ten bred Shropshire ewes. Gilmore & Hague will also sell ten bred ewes. The Gilmorelands at Fredonia will sell 25 bred ewes. The Hampshire offering is all consigned by Sherwood Brothers of Missouri and the Anoka Stock Farms of Illinois.

A Hog Growers' Opportunity

Trainload after trainload of hogs are being shipped to Wichita to packing houses. These hogs are not raised near Wichita but are shipped in from Omaha, St. Joe and Kansas City. This means that Kansas isn't raising enough hogs for her own use but must bring them in from Iowa, Nebraska, and Missouri. It means that farmers of those states are growing hogs to feed the farmers of Kansas, and they have been doing this on an increasing scale for some time. The depletion of hogs in Kansas is almost appalling. In 1918 the number of hogs of all ages in Kansas totaled 2,500,000. In 1920 there were 1,600,000 hogs of all ages and it is estimated that 25 per cent fewer hogs were marketed in 1920 than in 1918. Hogs are fewer in Kansas than they have been for forty years. Our population has increased many fold during that time, and now we haven't much more than one-half a hog per capita. Many, many Kansas farms haven't a hog on the place. What few hogs we have are concentrated into the hands of a few farmers and breeders. Kansas people are eating a great deal of meat and they will continue to do so regardless whether the states. Registered hog prices are steadily down to a lower level, even if hogs are diminishing in number, but hog feed is abundant at much lower prices. The spread now between cost of feed and market price for hogs is in the farmer's favor. The market price of feed is too low to make much if anything out of marketing it and the scarcity of hogs and the lower prices makes it look like now is the time to buy some good hogs, bred sows and gilts especially. With practically every Kansas hog pen cleaned out of hogs one might just as well buy registered hogs to start with as foundation stock as to rebuild on a grade foundation. At the Kansas National Live Stock Exposition at Wichita, Kan., the week of January 24 to 29, there will be more than 1,000 registered hogs, cattle, hogs, etc., sold. There will be 75 each of Duroc Jerseys and Poland Chinas sold at auction. A letter addressed to F. S. Kirk, manager, Wichita, Kan., will bring you information concerning the shows and sales of the week. However, just to give somewhat of an idea of the hog sales the following information is given: George Porteous & Brother, Lawrence, Kan., consign first head of registered Durocs: A. G. Snyder, Wallace Caldwell, Canadian, Tex., two boars and six sows; Kansas State Agricultural college, 10 sows; Snyder, Winfield, Kan., 10 Pathfinder sows bred to the grand champion, Pathfinder at 1920 Kansas State Fair; Larimore & Sons, Grenola, Kan., four; P. J. Stauffer, Valley Center, Kan., 10; and Mr. Monsell, Russell, Kan., 10. Consignors of Poland are: J. R. Williams, Oswego, Kan., 20; Joe Tucker, Wichita, Kan., six boars and 37 sows. (Seven of these sows are bred to boars for which the service fee ranges from \$25 to \$300. Two are bred to Masterpieces that sired the well known Fashion Girl, another is bred to The Yank sired by The Yankee, and another is bred to Joe's Rex America, out of Big Maid. Mr. Tucker's son, Joe, has the enviable record of being a boy who has sold more hogs above \$500 per head in price than any other 13-year-old boy in the world. That is his record. Get acquainted with Joe at the Poland sale at the Forum.) Snyder, Winfield, Kan., eight sired by Sterling Timm and Sterling Buster; Mr. Palmer, Wichita, Kan., one sow sired by the grand champion, Caldwell's Big Bob; Frank Siman, Colwich, Kan., two boars and five sows, one boar is by Big Orphan; E. J. Hurst, Harper, Kan., four sows; Bruce Hunter, Castleton, Kan., three sows; W. E. Treadway, Blackwell, Okla., three boars sired by his herd sire, Carnation, bred by Caldwell's Big Bob. Mr. Treadway's boar was grand champion at 1920 Oklahoma State Fair. The Kansas National sales come the week beginning January 23. Get full information from Manager Kirk.—Advertisement.

BY E. S. HUMPHREY

Colorado Breeders' Sale

The Colorado State Horse Breeders' association will have a choice offering of horses in their second annual sale at the Denver Stock Show, January 20. The consignment will be from the best herds in Colorado and other states and will include a number of imported mares and show animals, practicing.

AYRSHIRE CATTLE.

Linndale Farm Ayrshires

For Sale: A few good females, cows and heifers; one bull ready for service; your choice of 4 bulls, six months and younger, at \$100 each. Come and see them or write for descriptions at once.
JOHN LINN & SONS, Manhattan, Kan.

HEREFORD CATTLE.

Goodman Herefords

Sires in service
Disturber Stanway 839673
Publican 8th 685039
Breeding cows, strong Anxiety breeding. We offer for private sale 20 cows and heifers and 10 bulls of serviceable ages. Descriptions and prices by return mail.
J. R. GOODMAN, WHITE CITY, KAN.
(Morris County)

Hereford Bulls for Sale

10 2-year-olds; 14 yearlings; 12 9 months old; well grown; heavy boned; in good condition; priced to sell.
L. COWMAN, HERINGTON, KANSAS

ANXIETY BRED HEREFORDS
Bulls, cows and heifers, at bargain prices.
W. R. Hildreth, Oswego, Kansas

GALLOWAY CATTLE

REGISTERED GALLOWAY BULLS, COWS and heifers. Fashion Plate, Silver Lake, Kan.

RED POLLED CATTLE

FORT LARNED RANCH

200 HEAD OF REGISTERED RED POLL CATTLE
A number of choice one and two-year-old bulls and heifers from one to three years old.
E. E. FRIZELL & SONS, FRIZELL, KAN.

20th Century Stock Farm Registered Red Polls

We are offering bulls of choice breeding; also cows and heifers from heavy milking dams.
Twentieth Century Stock Farm, Quinter, Kan.

RED POLLED BULLS

Some extra fine registered bulls for sale. Write for prices and descriptions, or better come and see them. Herd bulls used in the herd were from the breeding of some of the best Red Polled herds in the country such as Lake Wales, Chas. Gruff & Sons and Mahlon Greenmiller.
GEORGE HAAS, LYONS, KANSAS.

Pleasant View Stock Farm

Registered Red Polled cattle. For sale, a few choice young bulls, cows and heifers.
Halloran & Gambrell, Ottawa, Kansas

FOSTER'S RED POLLED CATTLE

A few choice young bulls.
C. E. Foster, Route 4, Eldorado, Kan.
RED POLLS, Choice young bulls and heifers. Write for prices and descriptions.
Chas. Morrison & Son, Phillipsburg, Kan.

JERSEY CATTLE

Hillcroft Farms Jerseys headed by Queen Fairy Boy, pronounced the best bred Jersey bull in Missouri, a Register of Merit of Raleigh's Fairy Boy, the greatest bull ever imported, 34 tested daughters, 36 tested granddaughters and 34 producing sons. Choice bull calves for sale. Reference Bradstreet.
M. L. GOLLADAY, PROPR., HOLDEN, MO.

PUREBRED JERSEY CATTLE

Registered and in the Government Accredited Herd List. A small but select herd of producing cattle. We have at present bulls from calves to serviceable age.
J. B. PORTER & SONS, MAYETTA, KAN.

TESSORO PLACE JERSEYS

One of the largest Register of Merit herds in the state. We won \$1,300 at four state fairs this fall. A choice lot of bull calves, grandsons of Financial Countess. Lad out of Register of Merit cows. Other stock for sale.
R. A. GILLILAND, MAYETTA, KANSAS

REGISTERED JERSEY BULL CATTLE

Financial Countess Lad breeding. Tested.
Deane L. Smith, Colony, Kansas.

REGISTERED JERSEY BULLS FOR SALE

Born Aug. and Sept. Financial Countess' Lad breeding. Geo. Rhodes, Rose Hill, Kansas.

Fine Reg. Jersey Bull Calf

For sale. A. H. Knoepfel, Colony, Kansas.

Scantlin Jersey Farm, Savonburg, Ks.

Financial Kings, Raleigh and Noble of Oakland breeding.

REG. JERSEYS. Cows, heifers and bulls.

W. R. Linton, Denison, Kan., R. R. Mayetta

HOLSTEIN CATTLE

HOLSTEIN BULLS

To improve your dairy herd, from daughters of Alcarita Polkadot Corrector, Korylke Queen DeKol's Prince; King Mead DeKol, and Aggie Cornucopia Johanna Lad 7th. Short of help, feed and room. Bargain prices. Write for what you want.
McKAY BROS., CADDOA, COLO.

HOLSTEIN AND GUERNSEY CALVES
6 and 8 weeks old, \$25 each; reg. bulls, \$50. We ship C. O. D., subject to inspection.
Spreading Oak Farm, R. 1, Whitewater, Wis.

2 Reg. Holstein Bull Calves

\$50 each. W. H. Williamson, Raymond, Kan.

FOR SALE—A REGISTERED HOLSTEIN

bull. Three years old. High record ancestors.
C. N. Beck, Spearville, Kansas

Foundation Holsteins

NEW YORK—recognized, as the cradle of the Holstein industry, has furnished the foundation animals for many herds whose fame is known throughout the Holstein world. She has diversified blood lines that are popular, and noted for short and long time production. Type that wins in the show ring.

Recognizing the importance of the public sale as an advertising medium the New York Holstein Friesian Association has selected through a nationally known judge, a consignment of the State's best Holsteins from over sixty herds for their

First State Sale

Rochester, New York
January, 12-13, 1921

In this sale will be no less than TEN 30-LB. COWS and more than a quarter of a hundred from 30-lb. dams. There will also be offered several from long distance dams: three cows above 35-lb.; two with over 700-lb. milk and also a very select bunch of young service bulls—all from 30-lb. dams. It is doubtful if any sale ever before held has contained so many high record show ring individuals.

Follow the men who have made a success of the Holstein business and buy NEW YORK HOLSTEINS. The men selling in this sale have subjected the animals going into it—to the intradermal and subcutaneous tests and will guarantee them without reserve for 60 days to any purchaser. This work has been done with the co-operation of the State and Federal departments.

Send to E. R. Zimmer, Wieting block, for a catalog and plan to attend this event.

New York Holstein Ass'n.

Syracuse, New York



Heavy Producing Holsteins

For sale: sons of Smithdale Alcatraz Pontiac; 20 A. R. O. daughters; one producing son; Smithdale is from the same cow as the sire of Tully Alcatraz; young, healthy, acclimated bulls from tested dams up to 33 lbs. Also breeders of high-class Durge Jersey hogs. Breeding stock for sale.

American Beet Sugar Co., Center Farm
G. L. Penley, Farm Supt. Lamar, Colo.

HOLSTEIN BREEDERS AND FARMERS

We have sold our farms and will sell at private sale our entire herd of 80 head pure bred and registered cows, heifers and bulls. Bulls ready for service, \$100.00 to \$125.00 for quick sale.

Smith & Hughes
Route No. 2, Topeka, Kan.

8 Months Old Bull Calf

FOR SALE—White with few black markings; sired by Denver Sir Segis, a thirty lb. bull with two 30 lb. sisters and one 34 lb. junior three year old sister and one 35 lb. sister. This calf's dam is out of a sister to Pieterie Maid Ormsby. The most famous Holstein of them all. The dam has a 23 lb. record made in August weather and is one of the most persistent milkers. Price \$300, and he will be a great money maker at that figure.

Mrs. R. G. Douglas, Rush P. O., Colorado

WAUKESHA COUNTY

\$25 rated. Fernwood Place, Waukesha, Wis. High grade Holstein and Guernsey calves.

FOR HIGHLY BRED HOLSTEIN CALVES
Heifers and bulls, 6 to 8 weeks old, beautifully marked, from heavy producing dams, \$25 each. Safe delivery guaranteed. Write Fernwood Farms, Waukesha, Wis.

ally the entire offering, and practically all are close descendants of famous winners. Look up their ad in this issue and write for catalog to D. A. Jay, sale manager, Boulder, Colo.—Advertisement.

The Denver Shorthorn Sale

The annual sale of Shorthorn cattle held in connection with the Western Livestock Show occurs Wednesday, January 19. No better collection of Shorthorns has ever been offered in these annual events than the one which is scheduled to pass under the hammer on the date named. Especial attention has been paid to the selection of bulls of strong ages, high class herd headers for purebred and grade herds. They are thick fleshed, well grown, richly bred bulls of the right type. The females included are picked for foundation material, daughters of well known and reputable lines of breeding on the maternal side. All that are old enough are either bred or have calves at foot. The making of this sale at the very gate of the ranchman's country affords a convenient arrangement. The cattle were obtained at a minimum expense of shipment and purchased under the established guarantee of the American Shorthorn Breeders' association. This sale is made under the auspices of this association. The cattle will be on display during the several days preceding the sale. Cards will be placed at the stalls indicating the individuals that will be included in the sale. The steadily increasing popularity of the Shorthorn in the plains and intermountain country has its basis in the larger scale, the 200 to 300 pounds which the Shorthorn steers bring down to the market place and always the Shorthorn possesses a quality that finds high favor among the butcher and packer buyers.—Advertisement.

Al Smith Has Big Jacks

It has been several years since I have seen as many big, good, black jacks in one barn as I recently had the pleasure of looking over at the Al E. Smith Jack Farm, Lawrence, Kan. Frequently I find one or two jacks that are really good for sale, but it is seldom that one can find forty head in one barn that are all really desirable jacks. Mr. Smith has some jacks of his own raising and others are tops of the Tennessee jack country. Mr. Smith has the reputation of going to Tennessee and topping the jacks in that country and even if he does top them they have some mighty good jack stock there. Mr. Smith has a four-year-old jack that is as good as I have seen this year. A big upstanding fellow, well over sixteen hands, perhaps a trifle plain in the head and ear but with a wealth of body, bone and action. This is one of the smoothest jacks over the loin and coupling I have ever seen. There are also a pair of youngsters still with full mouths of milk teeth, that are already as big as the average aged jack. These youngsters are the rugged kind with heavy bone, deep broad chests, plenty of flank and big draft horse feet. The most of the Smith jacks are 2 and 4-year-olds with a few under that age and a few older for the men who want a really aged jack. They are well broken to serve and are quick and sure with mares. Remember that the jack which is bought early and has plenty of time to become accustomed to his new home makes the best breeding jack the following year. Get your jack early and get the pick of an outstanding lot. You will see some good ones if you visit Mr. Smith but if you cannot go yourself he will give you absolutely fair treatment if you buy by mail. The prospect for mules is the best in years and now is the time to get a jack that will sire the right kind.—Advertisement.

BY G. L. BORGESON

Mondamin Shorthorns

Held Bros. of Hinton, Ia., have been constructive Shorthorn breeders for years, and at the present time they have what many consider one of the best Shorthorn herds in Iowa. This firm has not been raising purebred Shorthorns for profit only, but because they liked good livestock and wanted to do their share toward improving and developing the Shorthorn breed. They now have in service two bulls that stand out as individuals of great merit. Golden Sultan and Royal Butterfly are sires of extraordinary prepotency, and are in a large measure responsible for the many good individuals found in the Mondamin herd. Held Bros. are excellent feeders and caretakers, and their cattle are always kept in first class condition. I am sure anyone who is on the market for a real Shorthorn bull can profit by getting in touch with them. They have a splendid lot of yearling and two-year-old bulls for sale. They also have a number of range bulls for sale at very conservative prices. Look up their ad and write them your wants.—Advertisement.

BY T. W. MORSE

New York Holsteins

Look up the advertisement in this issue of Kansas Farmer and Mail and Breeze. Their offering consists of 175 head of Holsteins selected from 50 of the leading herds of New York. They are showing ring individuals and a large per cent of them are fresh or due to freshen soon. Write E. R. Zimmer, secretary of the association, Syracuse, N. Y., for catalog.—Advertisement.

Epochal Berkshires

The Gossard Breeding Estates with breeding farms at Martinsville, Ind.; Preston, Kan., and Axial, Colo., and owners of Laurels Epochal 10th, junior champion Berkshire of America 1920, have an offering of Berkshire breeding stock that will interest Berkshire breeders. They have the big smooth early maturing type of Berkshires that are the real pork producers and at the same time the real show type. Watch the columns of Kansas Farmer and Mail and Breeze for their special offer for a boar and two gilts.—Advertisement.

New Shorthorn Entry Rules

The American Shorthorn Breeders' association announces that the pedigree of no animal over two years of age will be accepted for registry in the American Shorthorn Herd Book after February 1, 1921, or in the case of animals imported from Great Britain or Canada two years after date of importation. After January 1, 1921, a fee of \$5 will be charged for entering the pedigree of an animal between one and two years of age. The fee formerly was \$10. The seller of an animal must furnish transfer and pay the transfer fee after January 1, 1921. The pedigrees of twin animals must be entered for registry at the same time.

The Holstein-Friesian Ass'n of Kansas

Insists upon a square deal by and for its members.

Advertisers below are members of this association; officers are as follows: Walter Smith, President, Topeka, Kan. Mark Abildgaard, Mulvane, Kan., Secy-Treas. W. H. Mott, Herington, Kan., Sales Mgr. Semi-Annual Sale November 29-30, Wichita, Kansas

EVERY COW AN A. R. O.

With the exception of one that is untested. Good young bulls from 3 months up for sale at reasonable prices. Sire's first daughter fresh last Jan. now milking 55 to 65 lbs. a day. R. E. Stuewe, Alma, Kansas.

SHOW BULL CALF

Been with state show herd; one that has won prizes. Sired by a 32 lb. sire and from an extra good dam.

J. P. MAST, SCRANTON, KANSAS

Our Herd Sires
Are backed by dams that have produced over 1,000 lbs. of butter in one year. One of them was first in his class at 7 leading state fairs in 1919. A few young bulls left at very reasonable prices. Herd under Federal supervision. Coffins Farm Co., Sabetha, Kan.

SHUNGA VALLEY HOLSTEINS

Bulls from calves to serviceable age; A. R. O. dams up to 25 lbs. butter 7 days; some on long-time test and from Königsberg sires, whose 4 nearest dams average 34 lbs. butter in 7 days.

Ira Romig & Sons, Sta. B, Topeka, Kansas

A Good Son of a 22 Lb. Cow

and sired by a grandson of Duchess Skylark Ormsby, the world's record butter cow, for sale.

Capitol View Holstein Farms, Topeka, Kan.

Braeburn Holsteins

An old and large herd, headed by high-class bulls for 30 years; uniform in quality and production. Send for a bull. You can't get a poor one.

H. B. Cowles, 608 Kan. Ave., Topeka, Kan.

GEO. L. ALLGIRE,

Route 2, Topeka, Kansas

Farm near town. Individual production rather than numbers. Something to offer later on.

Purebred HOLSTEINS

Serviceable bulls, cows and heifers.

LILAC DAIRY FARM, Walter A. Smith,

R. F. D. No. 2, Topeka, Kan.

Dr. W. E. Bently's Holsteins

Young bulls of serviceable age, out of A. R. O. dams, sired by 1000 lb. bull.

DR. W. E. BENTLY, MANHATTAN, KAN.

Maplewood Farm Offers

Six cows and five bred heifers coming two years old. Priced reasonable.

MOTT & BRANCH, HERINGTON, KAN.

Sand Springs Holsteins

"On the Golden Belt Highway." Federal accredited. Semi-officially tested. If in need of a young herd sire, these facts deserve your consideration.

E. S. ENGLE & SON, ABILENE, KANSAS.

TWENTY HEAD OF PUREBRED 2-YEAR-OLD HEIFERS

Well bred, large, well marked. Priced for immediate sale.

M. E. NORMAN, LATIMER, KANSAS

Prince Ormsby Mercedes Pontiac

Our herd sire, a grandson of Sir Pieterje Ormsby Mercedes, "the world's greatest sire." Several sons for sale from good record dams.

Shady Nook Farm, J. A. Engle, Prop., Talmage, Kan.

Oakwood Farm Holsteins

Bulls ready for service out of A. R. O. cows; also heifers and high grade cows and heifers. Herd sire—King Pontiac Ophelia Lyons 265861. Big Spotted Poland China Hogs.

Chas. V. Sass, 1104 N. 5th St., Kansas City, Kan.

Calves, Both Sex; Heifers Also

Sired by Dutchland Colantha Königs Lyons. Herd lacks but one test of being on Federal Accredited list. Everything priced reasonable.

S. E. ROSS, IOLA, KANSAS.

Windmoor Holsteins

The Windmoor herd will be dispersed in February. See our advertisement later for particulars.

SAM CARPENTER, JR., OSWEGO, KAN.

JNO. H. MAILS,

Tonganoxie, Kansas

Breeder of Reg. Holsteins. Member National, State and County Associations.

GEO. D. REDMAN,

Tonganoxie, Kansas

Some nice young heifers for sale. Two year olds and coming twos. Member National, State and County associations.

Pure Bred Heifer Calves

From 3 to 6 months old. Write for descriptions and prices. W. J. O'BRIEN, Tonganoxie, Kan., Leavenworth County.

W. E. Zoll & Son,

R. D. 6, Leavenworth, Kan.

Two very well marked registered bulls for sale. Ready for light service. Priced right.

Bawndell Holstein Farm

For Sale—Several heifer calves from our best cows. We need the milk for our retail trade. Bargains.

Chas. W. Schultz, Owner, Independence, Ks.

THE CEDARLAWN HOLSTEIN FARM

Bull calves for sale sired by King Segis Pontiac Repeater 210981 and from good A. R. O. dams. Prices reasonable.

T. M. EWING, INDEPENDENCE, KAN.

DR. C. A. BRANCH, Marion, Kansas

Every Holstein lover or dairy farmer that wants to own a purebred Holstein bull, should write me now about a baby bull calf. Sired by Johanna Seidel and Fobes 204456; some from A. R. O. dams; others from big producers. For sale cheap. A card will bring photo.

Holstein Bull 1 Year Old

Whose dam made 15 lbs. of butter in a week as a 2-year-old. Price right. Our herd is on the accredited list. College Hill Holstein Dairy Farm, P. W. Enns & B. B. Enns, Props., Newton, Kan.

SIR AAGIE KORNDYKE MEAD

Heads our herd. His 5 nearest dams averaged 1,090 pounds butter and 23,000 pounds milk in one year. An unequalled record. Herd under Federal supervision. HIGH BROTHERS, DERBY, KANSAS.

Will Sell Our Herd Sire

Two years old, with size and individuality; dam's state record for milk, 784 lbs. 7 days. Price \$500. Come and see his calves. GOODIN STOCK FARM, C. L. GOODIN, PROP., DERBY, KAN.

REGISTERED HOLSTEINS

Herd under Federal supervision, headed by son of King of the Pontiacs. If you want a few cows, heifers or a young bull, come and see them. Satisfaction guaranteed.

B. R. GOSNEY, MULVANE, KANSAS.

31 lb. Bull

Sire King Mutual Katr. the 42.42-lb. bull, whose dam has record of 1,290 lbs. in year; 2,420 lbs. in 2 years; dam 18.5 junior 3-year-old; second dam, 27 lbs.; a show calf evenly marked; born Jan. 29, 1920. Price \$400. APPELMAN BROTHERS, MULVANE, KAN.

STUBBS FARM, Mark Abildgaard, Mgr., Mulvane, Kan.

offers bull calf born March, 1920, dam 18 lbs., price \$150; bull calf born November, 1920, untested dam, price \$100.

YOUR NEIGHBOR BREEDER

If he breeds Holsteins he needs the association's help. See to it he joins. Send his name and check for \$5 to Secretary Mark Abildgaard, Mulvane, Kan.

Registered Holsteins

Home of Finderne Pride Johanna Korndyke, No. 136330

A son of the world's record cow, Finderne Pride Johanna Rue, who produced 1,470 lbs. of butter in one year. There is only one other bull in the world whose dam has a yearly record above 1,470 lbs. of butter.

We have close to 100 daughters of this bull, and over 100 cows bred to him. All females will be put on test and given every opportunity in the world to make good. We plan to enter the majority of them in yearly work.

A few choice bulls by his sire and out of record dams for sale at exceedingly low prices. Write for sales list. 10 beautiful yearling heifers old enough to breed for sale at \$200 each. 15 splendid cows due in three to four weeks, some with records, for sale at \$325 up.

The Pickering Farm, Belton, Mo.

Harlow J. Fiske, Manager

Columbine Herd of Holsteins

See our exhibit of 15 head of Colorado's best Holsteins at Wichita Show, Jan. 24 to 29, 1921.

Sir Pieterje Ormsby Fobes, former grand champion of Kansas and Colorado, will head the herd. See the young bulls of show type that we have with us for sale.

SPENCER PENROSE, Owner, Chas. C. Wilson, Manager, Colorado Springs, Colorado.

Public Sale of 60 Registered and High Grade Holsteins

January 6 at the H. G. Cherry Dairy Farm, Pleasanton, Kansas

In this sale the buyer has opportunity to select either registered or high grade Holsteins from a good sized offering. There will be young heifers, close up springers, and cows now milking. Under present livestock conditions dairy animals, particularly Holsteins, are proving to be the most profitable livestock to have on the farm. Go to this sale January 6. H. G. CHERRY, PLEASANTON, KAN.

One Man Saws 40 Cords a Day!

Get Your
OTTAWA
Log Saw
Now!

Quickly
Pays for
Itself
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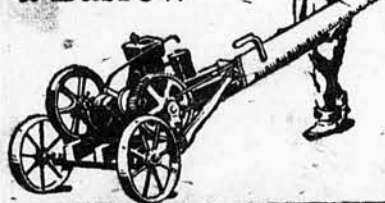


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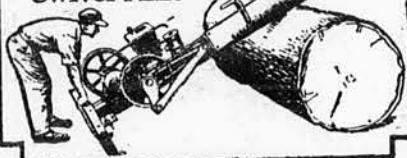
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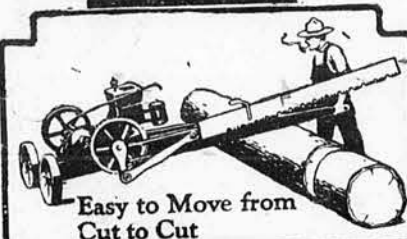
Wheels Like
a Barrow



Wheels Turn On
Swivel Axle



Easy to Move from
Cut to Cut



Lowest Factory Price!

Less Than Wholesale—Special Offer Now!

Send at once for Special Offer and Lowest Factory Price on the Improved 1921 Model OTTAWA Log Saw. Less than Wholesale. We make this Special Offer to enable as many as possible to provide fuel for themselves and to sell. Write at once! Don't delay! Just send your name and address on coupon below and get full particulars. Learn all about this remarkable Special Offer and how easy it is to own this wonderful outfit. Don't put it off a single day. The OTTAWA saves lots of hard work and money for you. As a special inducement we are offering at no extra cost the OTTAWA "power force feed" (Pat. pending) which is the secret of successful Log Saw operation. Get your OTTAWA Now! Quickly pays for itself—keeps on making money.

OTTAWA LOG SAW

Cuts Down Trees—Saws Logs by Power

Pulls Over 4 H-P. The New Improved 1921 Model cuts much faster than other mounted Drag or Log Saws. Makes 310 Saw Cuts a Minute—Over 5 each second. Weighs 100 pounds less than any other 4-Cycle Log Saw built. Easiest to move and operate of all log saws. Counter-balanced Crank Shaft eliminates vibration; increases power and saves fuel. Direct gear drives saw; no chains to tighten; no keys; no set screws. 4-Cycle Frost Proof Engine. Built-in Magneto—no batteries ever needed. Automatic Governor with Speed Regulator. Eccentric gives saw human rocking motion, keeping cut free from saw dust. Outfit strong but simply built. Nothing to get out of fix. When not sawing, engine runs pumps, feed grinders; or anything requiring 4 H-P.

30 Days Trial—Liberal 10-Year Guarantee

This guarantee Protects You. We guarantee the OTTAWA Log Saw to be exactly as described and illustrated in our advertising, catalog and printed matter; that it will do the work claimed for it; that it will develop full-rated 4 H-P; that it represents full value for the price you pay. If for any reason the OTTAWA Log Saw fails to fulfill our guarantee after trying it 30 days we expect you to return it in accordance with our guarantee and trial offer.

Friction Clutch Lever controlled, roller bearing, enables you to start and stop saw blade without stopping engine. Saves time and provides absolute safety in moving saw from log to log and from cut to cut along the log! No dangerous swishing of the saw blade in the air! Second clutch provided as a safety clutch to prevent accident if saw blade should bind.

FREE BOOK!

We have prepared a 32-page book which you may have free. It illustrates in full color the OTTAWA Log Saw, taken from genuine photographs, and showing all details of construction. Be sure to send your name and address on coupon so that you will receive your copy promptly.

Sign and mail coupon today!

Send For,
Free Book
and Special
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MAIL THIS NOW

OTTAWA MFG. CO.,
1468 Wood St., Ottawa, Kansas.
Send me your Free Book, Big Special Offer and Lowest Factory Price on 1921 Model Ottawa Log Saw. It is understood I am under no obligation.

Name

Address

Cash or Easy Payments Get our payment plan of purchase and find out how easy it is to own an OTTAWA Log Saw. It will soon pay for itself. Any man with logs to cut cannot afford to be without this log saw. And you can soon own an OTTAWA under our wonderful selling plan at Less than Wholesale Cost. For nearly 20 years we have been selling direct to users, saving them thousands of dollars.

Beat High Coal Prices! This winter will see wood used in larger quantities than ever before. The farmer or woodsman who delays plans for supplying wood for fuel will lose splendid profits. If you want to make big profits, get an OTTAWA Log Saw right away. Be sure to send your name and address on coupon and get full information and Special Offer.

OTTAWA Ships 'Em Quick!

To overcome railroad delays and to save you money on freight as far as is in our power, we have established warehouses in 9 conveniently located railroad centers. This helps save you money. Order now; writing or wiring your order to our factory headquarters at Ottawa, Kans. We will ship immediately from point nearest to you:

ST. PAUL, MINN. PITTSBURGH, PA. ATLANTA, GA.
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SAN FRANCISCO, CAL. PUEBLO, COL. OTTAWA, KANSAS

Be sure to address all communications to the Factory Office, Ottawa, Kans.

OTTAWA MFG. CO.

1468 Wood St. Ottawa, Kansas