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KANSAS FARMER AND MAIL & BREEZE

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Number 31



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Among Colorado Farmers

DURING hot weather the housewife who has neither ice nor cellar finds great difficulty in keeping milk sweet and butter in good shape. The following method, suggested by Fred G. Person of the Colorado Agricultural college, if used, will be of considerable assistance in this difficulty.

Pack a large stone jar, 3, 4 or 5-gallon capacity, in a box of wet sand, having the sand 5 or 6 inches thick under and around the sides of the jar. Place a tight cover over the jar and box and set in the shade. Milk and butter that is placed in this jar will keep in excellent condition for some time. Keep the sand thoroly wet, as this is the important factor.

Good Roads

"In the foundation of plans for a road system," says O. V. Adams of the Colorado Agricultural college, "there are two broad heads under which all the work to be done may be classified, namely: construction and maintenance. In many cases there has been a marked tendency to consider the job complete when the former has been done. The reasons for this are not obscure. Construction is spectacular. To build a road appeals to the layman as well as the engineer. Only a comparatively short piece of road is built at one time and the job is soon completed. The construction organization

is not difficult and in many cases is left entirely to the contractor. With maintenance just the reverse is true in each case.

"Again, the citizens in any progressive community constantly demand that their roads be improved, and those in control of the road funds, in order to satisfy these demands, are prone to set aside the larger part of the fund for construction purposes, with the result that work done by their predecessors is permitted to fail in a relatively short time, due to lack of maintenance.

"New construction we must have, but this alone without proper provision for maintenance is a waste of the taxpayer's money. Maintenance may be defined as the process of keeping the road or pavement in as good condition as when the construction was completed. In order that the greatest efficiency may be obtained all state roads should be constructed and maintained by the highway department. All county roads should be maintained by the county organization."

Great progress is being made with pumping irrigation in Kansas, especially in the Arkansas River Valley.

Higher salaries would be helpful in increasing the efficiency of rural schools.

The Fight Against Hopkins

William Allen White Says the Combined Plunderbund of the State is Leading the Attack

THE MOST outrageous assault upon a brave public official is made by the combined plunderbund of this state upon Attorney General Hopkins, who is a candidate for renomination at the Republican primaries. Its impudence is colossal. The very men whom he is seeking to bring before the bar of justice, are out trying to defeat the public prosecutor on the ground that he is inefficient. The nerve of a lot of defendants getting together to drag their prosecutor out of the court room should shock the people of Kansas into rallying to this courageous officer and giving him a majority of a generation.

His record is exceptional. Few attorneys general of Kansas in a generation have done so much as Attorney General Hopkins has done in the first eighteen months of his official life. In those eighteen months he has collected evidence, brought suit, and has taken to the supreme court eighty-two cases and has won sixty-seven; what other Kansas attorney ever has made a better record? Of the fourteen cases that originated in the supreme court, he has won a dozen.

He has started ten ouster suits against derelict public officials, and has won six with four others still pending in the court, and has not lost one. More than that, he has successfully represented the state in the federal courts in numerous instances, and right now is defending the livestock interests of Kansas against the stockyards and the packers at Kansas City. Pending in the supreme court are the cases against the cement companies. It is not Hopkins' fault that the court is considering these cases carefully, and has not decided them.

But if Hopkins' record before the supreme court holds in these cases, as it has held in other cases, the strong probability is that the cement people will have to answer to the people of Kansas and show why the roadbuilding program of the state is held up by high prices. The grocers' case is before the courts also, so is the ouster suit against Pete Foley.

Hopkins' record is unusual. The cases in the supreme court are being pushed as he has pushed all his cases with vigor and with efficiency, but because the cases are pending, the men under fire have decided to change attorneys, and the supreme gall of their contention is that they claim to be trying to get a more capable attorney. If Hopkins was the dub they say he is, the big business profiteers would be out yelling their heads off for him.

The thing that is happening is this: Every drummer, every retail dealer in the commodities furnished by those under fire, every bootlegger and his lawyer friends, every influence that the packers and the stockyards can command, every storekeeper amenable to every bank that is influenced by these great sinister forces, is making sentiment against Hopkins.

It is an appalling conspiracy against the dignity of the state of Kansas. The magnificent impudence of it only may conceal its wickedness. But if the Republicans of Kansas have any of the old force left in them, any of the old desire for a free government of a free people, they will kick this outrageous conspiracy thru the jails of Kansas into the oblivion which the conspirators deserve.

Fancy what would happen to these great pending lawsuits if the attorney general elected by the powers that prey upon the people were to take charge of these suits upon the defeat of Hopkins.—William Allen White.

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A new serial will begin at an early date and is the liveliest and most thrilling story the Weekly has ever published. This story in book form would cost you \$1.75. You can read this story in Capper's Weekly by sending only 50 cents which will pay your subscription from now until March 1st, 1921. Mail the order blank today.

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Enclosed find 50 cents for which please send me Capper's Weekly from now until March 1, 1921, as per your special offer. M.B.

Name

Address

Winning with the Short Hauls

Motor Trucks Operating Daily In and Out of Topeka are Making Money for Freighters, Merchants and Farmers

By Ray Yarnell

FOUR WHEELS, rubber shod, driven by a powerful motor and supporting a body capable of containing from 1 ton to 3 tons of produce or merchandise are playing an important part in the transportation life of Topeka and many other Kansas towns, cities and communities that cannot fail to be of interest to everyone in the state. Daily from 80 to 190 tons of produce and merchandise are being hauled into or out of Topeka by trucks. It is being hauled quickly and according to schedule. Waste in hauling has been minimized. And the cost is no higher than if the railroads performed the task.

Trucks have performed a local transportation miracle. They are performing similar miracles in communities all over the United States. The stage is being set for the performance of the greatest miracle of all—the economical solution of the short haul, the "inland" town freight and the farm transportation problems.

Needing fair roads but no rails, motor trucks are daily demonstrating their ability to operate consistently and on schedule despite the vagaries of weather. Rain may delay but does not halt motor truck transportation. A 3-inch rain which fell in Topeka recently prevented trucks from going out in the morning. But in the afternoon they were on the roads hauling their accustomed daily loads. And they reached their destinations. They are not yet 365-day vehicles, neither are the railroads, but they are approaching that goal. A 21-day hauling average in winter months is not uncommon.

Southwest of Topeka the small town of Dover flourishes in a pretty valley. No railroad reaches it. A few years ago all the merchandise carried by the stores in that place came there on wagons; the produce raised by farmers went out the same way. Farmers took a day off to haul a load of wheat or livestock to Topeka with horses.

No Longer an "Inland" Town

Dover is no longer an "inland" town. It is true that it still has no railroad. But it is as closely in touch with the large city as if a branch railway line passed thru it. Trucks have established a daily contact with outside markets, both for the merchant and the farmer. They operate as regularly as trains are run and apparently as efficiently and as economically.

Dover is not an exception chosen to establish a point. It is only one of hundreds of Kansas towns which trucks have brought closer to the outside world. Trucks have made the word "inland" archaic at the present time.

According to the best information obtainable there are about 75 trucks operating in and out of Topeka practically every day hauling various commodities from bananas to cream. Truck men estimate that more than 100 trucks operate in and out of the city more or less regularly. Of these, it is said, 25 make one trip to three trips a week, while the other 75 operate nearly every work day and very often on Sundays in addition to the usual weekly runs.

The trucks vary in size from the light machines to 2 and 3-ton trucks, with the average between the 1 and 2-ton capacity. The routes lead in every direction and every road more or less frequently has truck hauling done over it. A number of regular routes are conducted, on which hauling is done according to a variable schedule and on which regular stops are made. Not all roads have a daily truck service; only those leading to inland towns being used in this way.

In Topeka within the last few years a considerable business has been built up by men who do nothing except haul commodities in trucks. They are truck freighters and compete directly with the railroads on short hauls, those within a 50 mile radius. These men own from one truck to three trucks and employ drivers to operate the extra machines.

Every truck operator has as much business as he can possibly attend to and very often more. He does not have to seek hauling jobs. Instead a part of his work is trying to stretch the hours out so he can make more trips. The demand for truck service is steadily growing, freighters declare, and because of the difficulty in obtaining skilled drivers, many truck owners hesitate to purchase additional machines to expand their business.

In addition to the professional truck freighters there are the owners of stores in "inland" towns. Many of these merchants own trucks and keep them almost constantly on the road hauling produce to the big city market and carrying merchandise back to the stores. These trucks are in-

valuable to the store owner. They enable him to move farm produce such as butter and eggs, that he buys, to market quickly before loss occurs. They also make it possible for him to obtain and handle perishable merchandise with a minimum of risk. He can carry practically as good a line of perishable products as the big city store because he can now buy frequently and get prompt delivery.

Records of truck dealers show that farmers are among the heaviest purchasers of trucks. The farmers are using them to haul produce such as wheat, corn, potatoes, oats and other grains, as well as milk, cream and livestock to market. The truck has been found especially valuable in hauling livestock. The shrinkage is much less than when a team and wagon are used, because the time required to cover the distance from the farm to the market is much less when trucks are employed. The speed possible with a truck greatly lowers the cost of hauling wheat or other grains, as several loads may be hauled in a day with a truck, as compared to one or possibly two loads with a team and wagon.

Figures obtained from Topeka truck dealers are interesting as showing the growing demand for trucks among farmers as reflected in actual purchases during the last year. Four dealers gave information on sales and percentages of farm purchasers. One dealer who sold 27 trucks stated that 90 per cent of the sales were to farmers. Another dealer sold 75 trucks during the last year. Thirty-seven of these machines were bought by farmers. Of 40 trucks put out by a third dealer, 20 per cent went to farms and the fourth dealer, who sold 28 trucks, said 60 per cent of them were bought for use on the farm.

Averaging these sales and percentages the result shows that 55 per cent of the 170 trucks sold during the last year by four Topeka dealers, went to farmers, while various industries and professional truck freighters absorbed only 45 per cent. That better than anything else backs up the prediction made by Chicago advertising men who investigated the truck situation thoroly, that the farms of the Mid-West are the greatest markets for trucks in the world.

Trucks Play Important Part

The importance of the motor truck hauling business in Topeka can be judged by estimates made by various firms regarding the amount of hauling done for them. One packing plant estimated that 25,000 pounds or 12½ tons of hogs were received by motor trucks during an average day in the shipping season. The average daily receipts of cattle delivered by truck was given as 5,000 pounds or 2½ tons.

A poultry and poultry produce firm estimated that it received 2 tons of poultry and 6½ tons of eggs by truck on an average day during the poultry and egg shipping seasons. This same firm shipped out by truck an average of half a ton of egg crates and coops a day and during the summer months shipped on an average of 4½ tons of ice to neighboring towns. One large wholesale house estimated that its shipments of merchandise by truck to neighboring towns amounted to an average of 20 tons a day. Another wholesale house put the figure at 4,000 pounds and that five other wholesale and commission houses shipped an average of 7 tons of merchandise and produce out of Topeka every day.

The Beatrice Creamery Company, during the last year, has received 20,000 cans of cream and milk at its Topeka plant which were hauled in trucks. This milk and cream weighed 1,700,000 pounds or 850 tons. Trucks also were used to return the empty cans to the farms. These cans had a total weight of 480,000 pounds or 240 tons. Two thousand cases of eggs and 20,000 pounds or 10 tons of country butter were also received by truck during the last year.

During the wheat threshing season many farmers employ professional truck haulers to transport their wheat to the city elevators. Trucks are being used in large numbers for this purpose this season. Farmers state that it pays them to hire trucks to haul the grain because they can get the wheat to market much more promptly and they avoid hiring men to drive teams. A 2-ton truck will haul 100 bushels of wheat and will make a number of trips a day. Hauling by wagon requires more time and many more trips.

Professional hauling with motor trucks is a profitable employment. One Topeka hauler stated that he netted \$2,000 last year over and above all maintenance expense, and cost of (Continued on Page 6.)



Ship by Truck Suggestions

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T. A. McNEAL, Editor

JOHN W. WILKINSON and G. C. WHEELER, Associate Editors

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 We make this guaranty with the provisions that the
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 and that in writing the advertiser you state: "I saw your
 advertisement in Kansas Farmer and Mail and Breeze."

Passing Comment—By T. A. McNeal

SOME ONE is sending me a publication called "Soviet Russia." Its publisher is Ludwig C. A. K. Martens, who says he is the representative of Russia and asks for recognition by our Government as such representative.

I find a good deal of very interesting matter in this publication. How accurate its statements are, I am not able to say. In all fairness, however, it must be admitted that they are at least as accurate as the statements made in the publications opposed to bolshevism.

In the issue of July 17 there is a front page article on "Prohibition in Soviet Russia" which is particularly interesting. It is a statement made by a Swedish author, Ture Nerman, and first published in a Swedish prohibition paper, the "Templaren." Mr. Nerman says that the bolshevik authorities have established prohibition in Russia and tells how it has been done.

"Certain vicious elements," he says, "desire to make use of the revolution only as a means of satisfying their own lusts, among which none the least was their desire for alcohol. The only possibility of preventing these dangerous elements from ruining the revolution and hindering its development into an orderly social system, was to deal harshly with them."

Particularly at the outset it was necessary to proceed with unusual severity with regard to these elements. In the first stage of the revolution they were simply shot down. It was considered that individuals who in such a serious situation were so little conscious of their dignity as men as to drink away their reason in alcohol, which they succeeded in stealing from the saloons, would never be of any use for the future, but would rather constitute a permanent danger to the workers' revolution."

It must be admitted that this method of enforcing prohibition would be decidedly effective if the people will stand for it; no jails or any light punishment like that for the booze fiends; just take 'em out and shoot 'em. There would at least be no repetition of the offense in their cases and I would suppose it would have a decidedly deterrent effect on other Russians who had a taste for vodka or other alcoholic beverages.

Such drastic action on the part of the authorities in this country would be regarded as the limit of tyranny, but it seems to go in Russia under Soviet rule, and there was a time when the Russians consumed more booze "per capita" than any other people on earth. Mr. Nerman is of the opinion that prohibition has come to stay in Russia. At the end of his interview he said, "I asked among others, one of the leading men in the Soviet Republic whether he believed that prohibition in Russia would be of permanent character and would be maintained even after the complete establishment of the revolution. His answer was short and definite and spoken without hesitation: 'Yes, that is absolutely certain!'"

"My opinion is," continues Mr. Nerman, "that only a sufficiently well founded and therefore successful workers' revolution can create a truly effective and therefore permanent prohibition of alcohol. The so-called total prohibitions which were finally carried out in other countries, in Finland, Norway and America, can be only half-measures so long as the capitalistic system of society endures. The ruthless and never seriously impeded lust for personal profit will never succeed in respecting the purely human demands that constant prohibition involves."

"Only in a socialistic society, where the welfare and happiness of the individuals composing it are the first considerations, where private property has been abolished and the watchword is 'socially useful work for all' can the traffic in liquor be completely abolished."

Dirt Roads

A FEW days ago I had the pleasure of a drive of nearly 90 miles over Shawnee county roads, all of them either dirt or gravel roads, some of them in excellent condition and some not well kept.

After making this drive I came to the conclusion that a perfectly constructed dirt road,

if properly cared for after construction, will make splendid roads during at least eleven months of the year. A perfect dirt road is one that is perfectly drained and perfectly crowned and constructed on a reasonable grade. A road of this kind is ready for use for any kind of vehicle within an hour after the hardest kind of a rain. The only time that it may be unfit for heavy hauling is during the freezing and thawing period of the winter and even during the winter such a road is good nearly all the time.

It will not be necessary, therefore, to hard surface all of the roads. The leading highways ought to be hard surfaced but if the branch roads are properly constructed they will answer the purpose without hard surfacing. When the right kind of a road system is completed there will be a revolution in the transportation system. Trucks and trailers will transport a large part of the products now carried by rail, and will carry it at a less rate and more promptly than it is carried by rail.

At present the same truck that provides the power also carries the load. In the future power will be used to haul the load, not carry it. When this change is made it will not be necessary to make the tractor which provides the power so heavy and the load on the road will be distributed over a large surface instead of being concentrated on four wheels covering a space of only 8 or 10 feet. This will not only enable the producers to transport their stuff for much less a ton but will save the roads.

In event the amendment providing for classification of property for taxation purposes carries at the next election I hope the legislature will consider a proposition heretofore discussed in these columns. I would like to see automobiles exempted from taxation as personal property and a graduated license tax provided for instead. Fix the minimum license at say \$12, increasing in proportion to the cost of the machine. Without imposing an oppressive tax I think in this way a road fund of nearly 5 million dollars per annum might be collected. This fund could be divided among the counties and the state, altho I am not so particular about the manner of division, just so the entire amount is expended in making good roads.

I think that 5 million dollars a year would be nearly as much as could be judiciously spent on road building in a year in Kansas, but if more was necessary a small property road tax would not hurt any of the tax payers. The automobile owner who is honest would not be hurt because being relieved from the personal property tax on his machine his license fee would not be more than he has to pay at present. On the other hand the tax dodger who fails to list his machine for taxation, would have to pay his share.

Candidates for State Offices

IT IS unfortunate that under our primary system the voters have so little opportunity to get acquainted with the various candidates for state offices. In a great many cases the voter does not even know the names of many of the candidates for nomination to say nothing about their qualifications. The following statement concerning the various candidates I know is very meager and incomplete. In many cases I myself know no more about the candidates than their names and postoffice addresses and therefore cannot give the information I would like to give. After the primary I hope to give a brief biographical sketch of the various candidates for both Republicans and Democrats.

There are two candidates for the Republican nomination for governor, Henry J. Allen and George B. Snow. Henry Allen, the present governor, is very well known thruout the state and for that matter thruout the United States. He is about 52 years old, is the editor and proprietor of the Wichita Beacon, is a good writer and is one of the most eloquent speakers in the Nation.

George B. Snow, of Oakland, calls himself a farm laborer. He was formerly a holiness preacher. The only candidate for the Republican nomination for lieutenant governor is Dr. Charles S. Huffman of Columbus, Kan. He was

a surgeon in the famous 20th Kansas commanded by Fred Funston, during the Spanish-American War. He has served one term in the state senate.

L. J. Pettijohn, of Dodge City, is the only Republican candidate for secretary of state. Mr. Pettijohn is serving his first term as secretary of state and is asking for re-nomination. Prior to his election as secretary of state he served three terms as receiver of the United States Land Office at Dodge City. It is generally conceded that he has made a creditable record as secretary of state.

Norton A. Turner of Russell, Kan., is the only candidate for the nomination for state auditor. Mr. Turner is a newspaper man and for four years has been the assistant state auditor.

There are three candidates for the nomination on the Republican ticket for state treasurer; Charles C. Evans of Goodland, E. T. (Tom) Thompson of Bellaire, and Carl White of Topeka. Charley Evans has been a farmer and ranchman in Northwestern Kansas, and receiver for one term of the United States Land Office at Colby, Kan. E. T. Thompson has for four years been assistant state treasurer and has made a creditable record. Major Carl R. White was paymaster of the 35th and 89th divisions during the war and was more than a year in France, where he established an enviable record for efficiency.

There are two candidates for the Republican nomination for attorney general, Richard (Dick) Hopkins, and Edward Rooney. Mr. Hopkins resides at Garden City and is serving his first term as attorney general. Prior to his election to his present office he served one term in the lower house of the Kansas legislature and was for four years lieutenant governor. Edward Rooney was raised on a Brown county farm, is 33 years old and ranks as a bright lawyer.

Miss Lorraine Elizabeth Wooster, of Salina, now serving her first term as superintendent of public instruction has no opposition for the Republican nomination for her present office. For superintendent of insurance, Frank L. Travis, of Iola, present superintendent, is asking for re-nomination. Jacob L. Banks of Atchison, is also seeking the Republican nomination.

For the nomination for state printer on the Republican ticket, Imri Zumwalt, present state printer, is the only candidate. There are two candidates for United States Senator on the Republican ticket. Senator Charles Curtis is serving his second term in the Senate and prior to his election to the Senate served 14 years in the House of Representatives in Congress. It is said by those who have visited Washington that Senator Curtis has as much influence as any member of that body. Opposing Curtis for the Republican nomination for Senator is John A. Edwards of Eureka, Kan., a successful stock raiser and banker of Greenwood county.

For position No. 5 on the Supreme court, Judge Henry F. Mason is the only candidate for the Republican nomination. He is serving his third term on the bench.

For position No. 6 Judge John Marshall is asking for re-nomination; he is serving his first term on the Supreme bench.

For position No. 7 on the Supreme bench there are three Republican candidates, Judge John S. Dawson who is serving his first term is asking for re-nomination; A. A. Graham, an attorney of Topeka, and Tom D. Smith of Hiawatha, Kan., are also asking for the nomination.

On the Democratic ticket the only candidate for United States Senator is Ex-Governor George H. Hodges of Olathe, Kan. Mr. Hodges was governor from 1913 to 1915. He is in the lumber business at Olathe. For position No. 5 on the Supreme court the Democratic nominee is Carl M. Holmquist, an attorney at Hays, Kan.; for position No. 6 the Democratic candidate for nomination is Ralph W. Hoskinson, of Garden City, and for position No. 7 Robert Coughlin, of Paola, Kan.

There are four candidates for the Democratic nomination for governor; Jonathan M. Davis, of Bronson, Bourbon county; W. S. Hyatt, of Parsons, Kan.; Dempster O. Potts, of Wichita, Kan.

and O. T. Wood of Liberal, Kan. Jonathan M. Davis is a farmer and stockman. He has served two terms in the lower house of the Kansas legislature and one term in the senate. I am not well acquainted with either Mr. Hyatt of Parsons, or Dempster O. Potts of Wichita, altho the last named gentleman has a rather wide acquaintance in the state. O. T. Wood is at present United States Marshal for the Kansas district. He obtained the appointment thru Senator Thompson. Prior to his appointment as marshal he was a ranchman in a small way near Liberal, Kan.

The only candidate for the Democratic nomination for lieutenant governor is Frank Field of Pretty Prairie, Reno county. Mr. Field served one term in the state senate.

There is also only one Democratic candidate for the remaining state offices, T. S. Hunt, of Halstead, is the candidate for secretary of state; A. F. Koch of Hutchinson, for auditor of state; Ada B. Rodman of Ottawa, for state treasurer; Ralph T. O'Neal of Topeka, for attorney general; J. V. Colville of Kechi, for superintendent of public instruction; A. C. McClintic of Beloit, for superintendent of insurance; and Samuel P. Meseraull, of Kansas City, Kan., for state printer.

I do not have the pleasure of an acquaintance with any of these candidates and know very little about them with the exception of Ralph O'Neal, candidate for attorney general. Mr. O'Neal was a lieutenant in the American army in France and saw active service and hard fighting. He is at present census enumerator for Shawnee county.

The Socialist party also has a list of candidates for United States Senator, state offices, and congressional positions. Their names and addresses follow: For United States Senator, Dr. Eva Harding, Topeka; for governor, Roy Stanton of Mulberry, Crawford county; for lieutenant governor, John R. Stone of Fort Scott; for secretary of state, S. W. Beach of Emporia; for auditor of state, A. W. Pettit of Wichita; for state treasurer, C. W. Chandler of Newton; for attorney general, S. J. Mattox of Osage; for superintendent of public instruction, Evelyn B. Crandall, of Newton; for superintendent of insurance, J. F. Baum of Salina; for state printer, James Chase of Galena.

I am aware that the foregoing provides rather meager information concerning these ladies and gentlemen who are seeking nomination for state offices on the various party tickets, but it is all the information I have at hand. After the primary when all the nominations are made I expect to publish brief biographical sketches of all of the candidates.

Co-operative Farms

AN EARLETON subscriber, Mr. Schmoker, who is kind enough to say that he enjoys reading *Passing Comment* even if he doesn't agree with me, writes to voice his objection to my suggestion in regard to a co-operative farm enterprise and also his objection to the proposed amendment to the Constitution permitting the classification of property for taxation. Mr. Schmoker says that co-operative communities have only succeeded under fanatical religious leadership.

That is true of communist communities quite generally but I have not at any time suggested a communist organization where all would share exactly alike regardless of service rendered. I am not at all in favor of such an organization. I do believe, however, that a corporation could be formed, managed as other successful corporations are managed, in which the members would invest in the stock of the corporation just as men and women invest in the stock of other corporations.

In one respect I would have the corporation differ from the ordinary corporation in that every stockholder would have one vote and no more, regardless of the number of shares held by him, but in the distribution of the earnings of the corporation every shareholder would participate in proportion to the amount of his stock. Labor would be paid for just as labor is paid for in other industrial corporations.

The advantages would be that all the resources of the people who made up the membership of the corporation could be mobilized and systematically directed. The best farm machinery could be purchased and utilized in the cultivation of all the land, which cannot be done under the present system for want of capital or credit by many of the individual farmers.

In like manner only the best stock would be purchased or raised on the well managed corporation farm. Under competent management all the land in the corporation farm would be utilized for the purpose to which it is best adapted. To illustrate what I mean by this, suppose a corporation farm included 51,680 acres. Divided into 160 acre farms

that would be 323 farms, or if divided into 80 acre farms it would be equal to the aggregate of 646 farms. Among these 646 farms would be some which should be used in the production of some particular crop of grain or hay, or, perhaps, there would be some of them which should be planted altogether in orchard.

Owned individually, however, this cannot be done. The farmer who owned an 80 acres every acre of which is particularly adapted to the growing of corn, let us say, could not afford to put his entire farm in corn. The man who had an 80 acres especially adapted to the growing of an orchard or small fruits could not afford to plant all of his land in orchard. Some farms are better adapted for pasture than anything else, or for the growing of hay, but the individual farmer must diversify. He must cultivate part of his land and he must diversify his crops, altho he may know that he has no land well adapted to the growing of certain crops he finds it necessary to raise. If, however, the entire body of land could be used as one unit it could be divided so that each part of it would be producing what it was best adapted to produce. Now the corporation farm might not succeed. The success would depend on exactly the same contingencies that make success or failure for other corporations. If there was wasteful and inefficient management the corporation would fail. If there was serious lack of helpful co-operation among the men and women who owned the stock of the corporation and did its work it would fail.

To say, however, that it could not succeed would be to say that farmers are incapable of managing their own business and if that is true then the farmer will continue to be the goat in the business world. Of course no man can tell whether a plan which never has been tried will succeed if tried. What I insist is that there is no natural reason why the plan should not succeed. I regret that Mr. Schmoker does not agree with me about the proposed tax amendment. I am strongly in favor of it. I think it will be to the advantage of the farmer and not to his disadvantage.

Radicals Could Not Agree

THE CONVENTION which met at Chicago to organize a new party, terminated just about as I supposed it would. This is not speaking lightly or disrespectfully of the men and women who gathered there. It is my opinion that most of them were actuated by an honest purpose to better things. They were earnest, even fanatical in their devotion to their ideas, but there were several different groups each with a different idea which they considered paramount to everything else. Of course they could not agree.

Extreme radicals never can agree unless they all belong to the same group. The extreme radical is impatient of compromise and usually intolerant of those having a different opinion. He believes that he is entirely right and cannot understand how any other man who is honest and informed can have any other opinion. When he comes in contact with some other radical who has a different hobby from his own he is likely to quarrel with him more violently than with the conservative standpatter who is opposed to all changes.

The extreme radical apparently forgets that all popular government is necessarily a compromise. The only government which is not a compromise is the absolute autocracy, where the supreme autocrat rules by military power and imposes his will upon his subjects without in the least consulting them. Our National Constitution is a great document but it was a compromise. It had to be or the Union could not have been formed. It was not only a compromise but it undertook to reconcile two principles which could not be reconciled and which inevitably led to internal strife.

Practically every great leader in the history of the country has been a compromiser. Washington, Jefferson, Clay, Webster and Lincoln were all compromisers. Lincoln, with the exception of Henry Clay was the most conspicuous compromiser in the lot. The radical, however, has his proper place in the economy of government. If it were not for him I fear little progress would be made, but his fort is not organization. His fort is to knock on things that are and to propose new ideas. He is not a practical man. If put in charge he probably would wreck things. He is naturally unpopular and very often entirely unreasonable, but he is useful. The world needs a certain per cent of hell raisers.

Take the platform gotten out by so many of the delegates to the new party convention as were able to hang together. You will find a number of good ideas in it, mixed up with some I am entirely unable to agree to, but regardless of what the platform contains the votes cast for the new party in November will be small for the reasons I have stated.

No War Without People's Consent

THERE were 267 roll calls on the Peace Treaty, including its numerous amendments and the reservations, the Congressional Record shows. I answered 263 of these calls and voted on every question of importance.

I voted against the League of Nations as brought to us by President Wilson. I refused to bind this country to a contract to send our young men to fight and die in defense of the territories of foreign governments. I opposed the plan which would compel us to make war in foreign lands without specific instructions from Congress or the people.

Everybody desires peace, and no one desires it more than I do. We could have had it if the President had advised with the Senate as every President has done from Washington to Roosevelt. But the President was determined to have the Peace Treaty and the League of Nations his way or not at all, and to attain this he had defiantly bartered our nationality.

In common with the great majority of the American people, I desired a League of Nations or some kind of an international agreement which would reduce the chances for war. But the more I studied the Wilson league plan, the more convinced I became that it was a one-sided contract which would involve us and our country in no end of trouble. It committed us to a most stupendous entangling alliance with Great Britain and 30 other nations. It bound us to guarantee their existing political independence and their territorial integrity for all time, and it pledged all the wealth and the young manhood of this country to make that guarantee good. While requiring all this of us, there were absolutely no provisions for the benefit of the United States. It simply meant an eternal entanglement, a fatal and a continuous drain upon our man-power and our wealth.

Under the terms of the Treaty, the United States as mandatory was expected to take over Armenia and Turkey. It was in harmony with this plan that Secretary Newton D. Baker recommended a standing army of 576,000 men—an army four times as big as our standing army before the war. It was beyond question the deliberate intention of the Wilson Administration to use a large part of these 576,000 men in settling quarrels of Europe, Asia and Africa.

If the treaty had been ratified without reservations, the American army could have been ordered to Turkey, to Armenia, to Russia, or to any part of the Balkans; to Asia, or to Africa, or to any other place on the face of the earth where the President thought we were morally obligated to send our troops. It was well known in army circles that it would require an American force in Europe of at least 200,000 men to take care of our obligations under the Treaty.

Article 10 would have authorized the League to call for our troops to assist the French who are now fighting the Arabs in Syria; or to help Italy which has a war against Turkey; or to assist England in bombarding the Turkish forts. I saw the statement in a New York newspaper the other day that there were 18 wars of one kind or another in progress at this very moment on the other continent.

This is the sort of muss that President Wilson would have driven us into and have committed us to. You can see how badly England and the other great powers need more soldiers and how Article 10 would have given them the right to ours. Once in, we never could have freed ourselves with the consent of these powers.

The contention between the President and the Senate revolved around Article 10. The President wanted the exclusive power on his own motion to determine when and how and where the army and navy of the United States should be used in maintaining world peace by force of arms.

The reservations to Article 10 which I supported and which 33 Republicans and 14 Democrats supported, expressly provided that our army and navy shall not be used in foreign wars or in foreign countries under the League of Nations except by the express consent or approval of Congress.

We will help Europe. We will help all the world in every way we can that does not mean the impoverishment of America. But we will not send our young men to be killed in foreign lands. We will not spend millions and billions of the people's money to support the military schemes of foreign governments and their scheming diplomats. To block such a game, I believe American history will one day say, was worth all the trouble, all the delay that it cost.

Arthur Capper.

Trailers Cheapen Many Hauls

Farmers Find That More Rapid Means of Transportation Will Enable Them to Market Farm Products to Much Better Advantage

By John W. Wilkinson

RAILROAD tangles with the resulting tie-up in grain movement, according to J. R. Howard, president of the American Farm Bureau Federation, is costing the farmers of this country hundreds of thousands of dollars every day. Thousands of bushels of wheat of last year's crop still remain in storage on the farms and in local elevators because no cars could be obtained for shipping this grain. Recent reports show that the new wheat crop in Kansas which was first estimated at 110 million bushels will be increased to 147 million bushels and now the situation is more complicated than ever.

A Serious Labor Problem

The railway laborer who has wilfully cut down his volume of work and repeatedly struck for increased wages may wake up one of these fine days and learn that the increases he has caused in the costs of food, clothing, and shelter more than offset the increases he has demanded in wages.

"There is no more damnable point at which labor can attack our economic structure and, I might add, no surer way of cutting its own throat than by cutting down the efficiency and the carrying capacity of our arteries of transportation," says Mr. Howard.

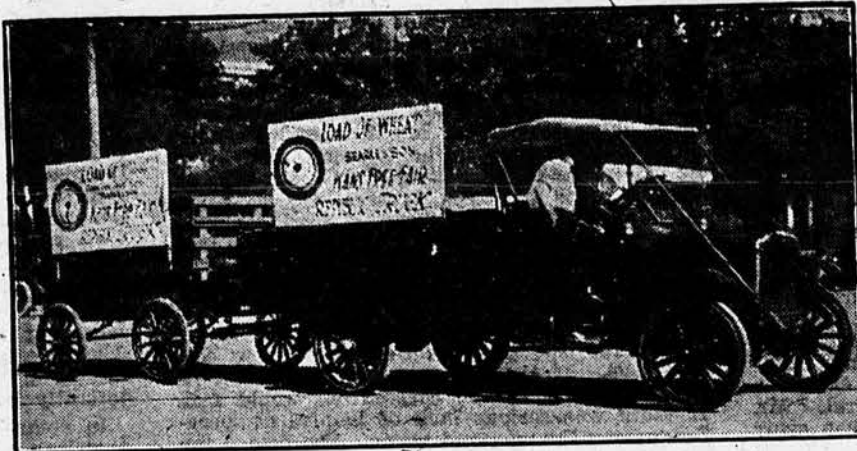
One of the most lamentable features of the whole situation is the effect it all may have upon next year's crops. With much of last year's crop still on the farm, with little prospect of moving the present crop within the year, and with the local banks clamoring for liquidation of loans, there is little to encourage heavy seeding for the coming fall. Preparation for the next crop will start within a month, and prediction of heavy cuts in acreage are general.

Unless the railroads can find some way to improve shipping facilities they will soon find a serious competitor on their short hauls in the motor trucks and trailers. Motor truck routes have been established in a number of states and have proved a very profitable investment right from the beginning. The present high cost of horses, high cost of feeds, and the shortage of farm labor has made the motor truck and trailer of inestimable value to farmers. Many farmers who have not yet purchased motor trucks, but who own motor cars, are buying trailers to attach to their automobiles for hauling light loads. In fact, hundreds of farmers throughout the United States are finding the trailer one of the most useful and profitable pieces of equipment in their possession. It saves many weary hours on the road which they can put to better use on the farm, reduces the number of horses they have to keep, releases valuable farm land now used as pasturage, makes it possible to market small quantities of produce which commonly go to waste and permits the grower to take advantage of the best market within a distance of 20 or 30 miles.

Many Good Types

The trailer in the common acceptance of the term is any two-wheel or four-wheel vehicle built especially to be drawn by an automobile or motor truck and is used for hauling every sort of material. It is made of regular automobile or truck parts, such as axles, wheels, tires, frames and the like. It is light, but strong and durable, being designed for speeds of 15 to 30 miles an hour. Ball or roller bearings are ordinarily used in the wheel hubs so they will run easily and without heating of the bearings. Either pneumatic or solid rubber tires are used to cushion the road shocks. Special coupling devices are provided so that the trailer can be attached to or detached from the automobile or truck almost instantaneously.

The four-wheel trailers usually have steering knuckle front axles such as are found on an automobile or motor truck. The two-wheel trailer has a single solid axle under the middle of the body and a tongue to couple to the rear end of the motor vehicle. Another type of two-wheel trailer, called a semi-trailer, has an axle at the rear, while



Trucks and Trailers This Year Have Been of Great Assistance to Farmers Who Had Wheat and Other Farm Products to Haul to Distant Markets.

the front end of the trailer rests on the rear end of the motor truck or passenger automobile, which is fitted with a fifth wheel like the fifth wheel of a wagon.

Light trailers of the two-wheel or four-wheel types are most commonly used with passenger automobiles. Small runabouts or touring cars are used for pulling trailers of 700 pounds to 1 ton capacity, over ordinary country roads. If the roads are fairly good and grades do not exceed 5 per cent, most cars will easily draw 1,000 to 1,500 pounds or more on a trailer at a speed of 15 miles an hour with entire safety and without injury to either. Trailers of 1 ton to 1½ tons capacity are often used with heavier touring cars.

Farmers Own Many Trucks

Only about 50,000 motor trucks are owned by farmers in the United States, but the number of passenger automobiles owned by farmers is probably in the neighborhood of 2 or 3 million. The small farmer, truck gardener, dairyman or fruit grower does not have enough hauling to warrant the purchase and operation of a motor truck, but the trailer serves all his hauling needs and his automobile fills the double purpose of a general passenger conveyance and a light truck, as it can be used with or without the trailer.

The man who uses a trailer does not load the tonneau of his car with crates, baskets, sacks, barrels or live calves and sheep. These are carried in the trailer. Even full-grown cattle are very commonly hauled in two-wheel trailers, so much so that the trailer manufacturers supply rack bodies for that purpose. The damage done to a good automobile in one season by carrying miscellaneous farm products in the rear often would pay for a trailer.

It pays to haul a crate of eggs, a few cans of milk, or crates of berries or a calf to market in a trailer where it would cost more to haul them with a horse than the profit realized. The farmer's boy or girl or his wife does not mind driving the automobile to town with the trailer attached and can make a round trip of 10 or 20 miles in an hour or two, instead of half a day with a horse. Meanwhile, the farmer and the horse remain at work in the field. If a better price can be obtained

for a load in a town farther away, a trip of 50 miles or more is easily made in a day with the car and trailer.

A Few Successful Examples

A cattle breeder in Arizona who has hauled a two-wheel trailer 15,000 miles behind his light runabout, says: "I have carried cows, calves, bulls up to a ton weight; lumber, grain, large trees, wood, coal and many other items used on my farm. Such a vehicle is indispensable to me and I think would be more generally used by farmers if they realized the many uses to which they can be put."

Many trailers are operated in Kansas where the roads are suitable for their use. According to recent reports a large amount of freight shipped to towns in Saline county is delivered by truck and by trailers. A great many trailers are in use in hauling wheat. About 25 per cent of the wheat brought to Salina is delivered by trucks and trailers. At least 20 per cent of this amount is hauled by trailers. More than 175 trailers are in use in the vicinity of Salina and more than 85 per cent of this number are used in hauling wheat. Farmers around that point use trailers for hauling hay, feed, hogs, and other farm products after the close of the wheat season. H. Umbarger, a progressive farmer, who lives 5 miles north of Salina, rents three trailers at \$5 a day during the hauling season. These trailers haul 15 loads each daily and bring to market 825 bushels of wheat. During the rush of a busy season there a farmer would have to pay \$10 a day and board the driver and team. One team at this distance could only make two trips a day and thus would market only about 110 bushels. These figures speak for themselves in showing that the trailers are a big saving in marketing and hauling costs.

Big Help to Fruit Growers

An apple grower at Baldwin, Kan., who hauls to the railroad with a light runabout and small trailer reports: "I have been hauling, at a load, 10 barrels of apples, average weight 175 pounds a barrel, or a total of 1,750 pounds, and driving at a rate of 22 miles an hour over very rough roads."

Jacob Brull, who lives 1½ miles west of Hays, Kan., farms 100 acres of

wheat which he harvested with a harvester-thresher. He has two 1-ton trailers which he operates with his motor car. He has an attachment to his harvester which pulls one trailer while the other trailer is on the road to Hays with a load of wheat. By the time it returns the second trailer has been loaded from the harvester-thresher and is ready for a trip to Hays with the motor car. About 90 per cent of the wheat around Hays was brought to market this year by truck and trailers.

Dickinson county has not fewer than 150 trucks and it is estimated that about 50 per cent of the wheat brought to market this year has been hauled by motor trucks and trailers. The use of trucks and trailers has increased 8 per cent within the last year. A great many farmers in Dickinson county own trucks and this number will be greatly increased this year. Large numbers of trailers are used in Shawnee, Bourbon, Leavenworth and other counties in Eastern Kansas, but lack of space prevents a discussion of these at this time.

Among the advantages in the use of trailers might be mentioned the following: Great saving of time, farmers are enabled to reach more distant markets, perishable products reach markets in better condition, horses are not taken from other farm work, and the costs are only 30 to 50 per cent of what it would cost to haul by team. Every farmer who owns an automobile or motor car should own at least one trailer.

Winning with the Short Hauls

(Continued from Page 3)

upkeep on his truck and the living expenses of himself and family. His gross income from hauling was in excess of \$6,000.

Another freighter who has a 2-ton truck operates on a well defined route making daily trips from Topeka to Mayetta. He has a 2-ton truck with pneumatic tires and he states that he is able to go out in practically any kind of weather. He says the 2-ton truck is the best because it is an all-around machine, neither too light nor too heavy and will carry, with careful driving, in excess of 6,000 pounds a load.

Truck Driver Books Orders

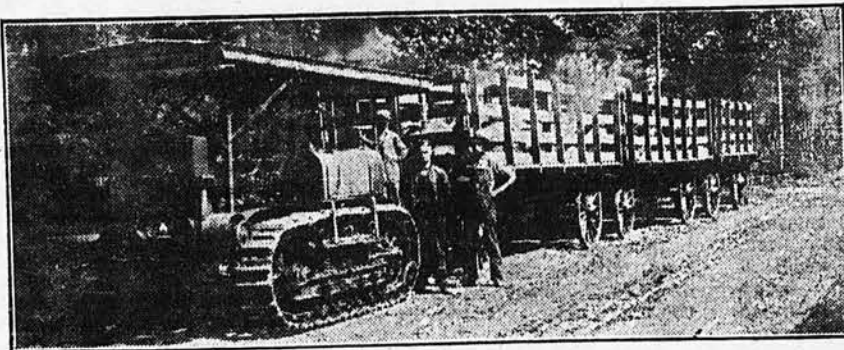
This man books orders as he goes along his route. In the mornings farmers and merchants telephone him to bring them certain merchandise later in the day. He turns the orders in to the wholesale or commission houses and later does his loading and so the truck goes loaded both ways. On the way to Mayetta it carries merchandise. Returning it is loaded with farm produce and other material shipped to Topeka firms.

The rates to towns on railroads are the same when shipping by truck when shipping by rail. Truck owners say, however, that the truck method is the handiest and the cheapest because there is only one loading and one unloading, whereas with the railroad the merchandise has to be hauled to the car, loaded into it, unloaded when it reaches its destination and hauled to the man who bought it. Much time also saved on shipments sent by truck.

During the last 10 months there has been no slack period for truck operators. They have had more business than they can handle. This summer the harvest has increased the demand for trucks and the owners are keeping them busy as many hours as possible. Much wheat and large quantities of potatoes are being hauled by trucks.

Truck users are confident of the future of the truck. They predict its use will be greatly broadened during the next few years and that new methods of employing it will be found which will make it more profitable both to the farm and in the city.

Truck routes are not confined to one locality in Kansas. They are found everywhere. But conditions in Topeka and its farming territory are typical



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JAYHAWKER'S FARM NOTES

Tractors for Threshing

The showers have slowed down shock threshing, but there are so many machines that ground is being cleared very fast. There have been seven threshing machines at work in this immediate neighborhood this week and some of them find it hard to get sufficient hands. It seems that the day of the big thresher is past; nearly all the machines in use here now are of the smaller type and are pulled by tractor power. This is a much more convenient power than steam and the fuel cost is less, even if we say nothing about hauling costs. The gasoline and kerosene dealer deliver their product right to the farm, while coal has to be hauled and most coal dealers are so very economical that they make the hauler do all the shoveling.

Good Wheat Yields

Grain is turning out better than was expected and the quality is the best ever raised here. It is not often that this part of Kansas raises No. 1 dark hard wheat, but there are many fields in Coffey county which have done so this year. I know of no wheat threshed in this vicinity which has tested less than 60 pounds, while the majority tests more. The lowest yield I have heard of is 18 bushels and the best 43 bushels. If the wheat in the rest of the county proves as good as it is in Liberty township there will be a county average of more than 20 bushels to the acre and every bushel will be wheat of the highest grade. Most fields still standing in the shock have been rained twice, but the straw is clean, straight and stands well in the shock, no harm has resulted.

Testing Out Kanred

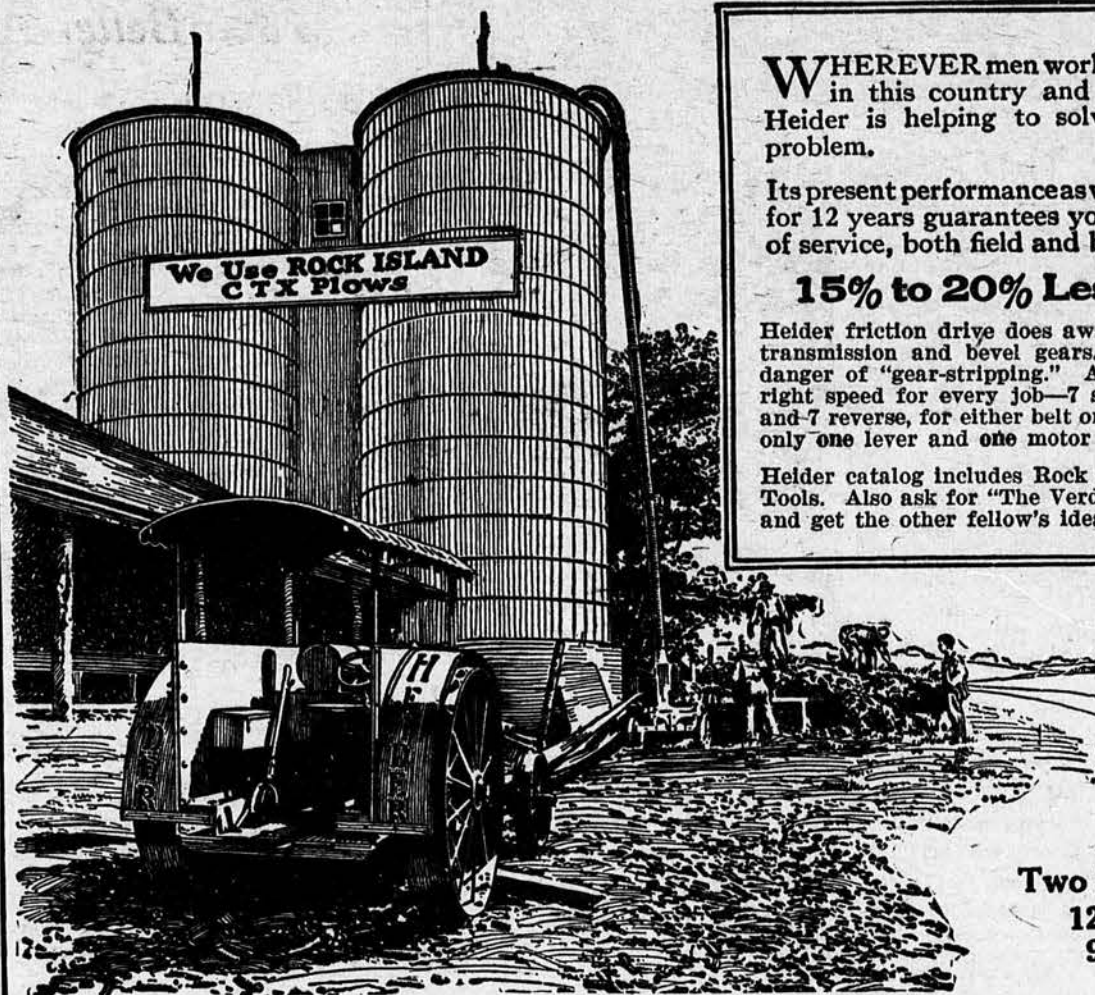
There were three kinds of wheat raised in this vicinity this season—Turkey red, Kanred and Currell's Prolific, a soft wheat. I know of none of the Kanred being threshed yet, but to judge from the appearance of the shocks I should say the yield would be about that of the Turkey red. The Kanred in this neighborhood seemed to be about three or four days earlier than the Turkey red, which is a point altogether in favor of Kanred. I am going to keep close watch of the yields of these two hard wheat varieties and if Kanred yields more to the acre, as it did last year, we will get aured seed for our entire acreage this fall. Those who have the soft wheat say it is yielding more than the hard, but it is not so hardy in winter and I do not think we shall consider sowing any of the soft variety. The points in favor of Currell's Prolific are, freedom from beards and ability to stand up in wet weather. Last season the soft wheat stood up well when hard wheat beside it went down badly.

About Buying Seed Wheat

I am in receipt of a letter from Russell Kan., asking for prices on pure Turkey red seed wheat to be shipped by rail freight. It seems to me that this sending in the wrong direction for seed wheat. I always have heard that the farther east hard wheat was grown the softer it got. For this reason, if I were wishing to get seed wheat from another locality I should send to the west for it, and not to the East. Another reason why I would not recommend this purchase is that Kanred seems likely to prove better than Turkey red. As I said in another paragraph, if Kanred again proves superior this year we shall discard Turkey red and sow Kanred only. Our Turkey red wheat has been grown here three years, the seed originally coming from Coldwater, Kan. I could not recommend it as being pure, but think it fairly so and it is free from rye, but I should not recommend sending it away for seed, for probably every locality in Kansas has seed equally good. I would recommend that this inquirer write to the Kansas Experiment station, Manhattan, Kan. The authorities there will put him in touch with good seed much nearer home than Coffey county.

It is a crime to burn stacks; every scrap of vegetable matter should be turned to the soil.

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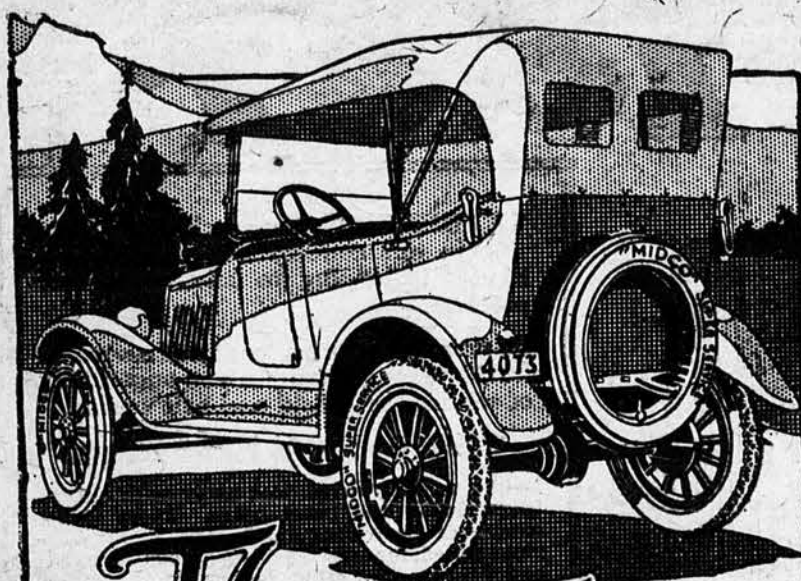
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Capper Pig Club News

Big Times Coming in Many Counties

BY EARLE H. WHITMAN
Club Manager

JULY HAS BEEN a mighty busy month, hasn't it? No one realizes any better than the club manager that Capper Pig club boys have had their hands full, harvesting, haying, cultivating and doing the many other tasks which demand attention on the farm at this time of year. "My brother and I kept up with the binder while we were cutting wheat, and it surely made us hustle," writes Tom Macredie, Sedgwick county. "Loren and his father have nearly all the work to do on a 320-acre farm, so it sometimes is difficult for him to find time to write," says Loren Ungeheuer's mother, in sending in some Linn county feed reports. And so it went all over the

paper has been started. I received the first issue not long ago, and I'll say right here that if Hardin Lineback doesn't stay on the farm and make the success he should he has a lot of talent along the editorial line. His paper is neatly typewritten, and is interesting thruout. In addition to an interesting account of Winifred Doolittle's club work written by himself, there are some excellent hints on the feeding and care of hogs, a discussion of the value of self-feeders, some jokes with real laughs in them, and finally a few remarks on the reason for choosing "Squeals and Grunts" as the official name of the paper.

"The name," writes Editor Lineback, "which no doubt will sound odd to some, was selected in preference to any other because of one factor which, in our opinion, overshadowed all others. We might have shown our pep by naming it 'Vim and Go,' but why? Will not the contents attest to our pep and enthusiasm? We might have named it the 'Pig Club Bulletin,' since that is in a sense what it is. But will not the articles contained herein be proof sufficient of this fact? The reason that we decided on 'Squeals and Grunts' is that this is the official organ of the Allen County Capper Pig club, and this club is composed of veteran propagators of those animals whose signals of distress are squeals and grunts."

Hats off to "Squeals and Grunts." May it flourish long and successfully.

I have an idea many club members have been looking for the standing of the teams in the baseball contest. Well, the club manager is just as eager to publish this as the boys are to see it, but because of the failure of several county leaders to get reports sent in promptly after July 1st it is necessary to disappoint you again. I've sent out a hurry-up call to the delinquent leaders, and I think I may safely promise that the pep standing will appear in the next club story.

Remember my telling you one time how Homer Hunsaker of Brown county was planning to have a piece of corn of his own this year, from which he hoped to raise feed for his pigs? Well, I had a letter from Homer the other day that you'll be interested in reading. "Thank you very much for my club pin and breed-club sign," wrote Homer. "I've put the sign in a frame and hung it on the fence so that everybody can see it. I still have my 10 red pigs and they are doing fine. I surely have a good prospect for corn on my 3-acre patch. The corn is about 6 feet tall and has just started to



"Tom" Macredie, Duroc Booster.

state. Did club work suffer? No, indeed, for mother and the girls were loyal and helped out when it was impossible for the boys to give full attention to their duties.

Of course, threshing is in progress everywhere, but soon the heaviest part of that will be over, and from clubs in many counties are coming enthusiastic plans of special good times for August. Johnson county boys and girls announce a camping trip which promises to be mighty enjoyable. Not to be outdone, Linn county clubs plan another monthly picnic on the creek, and in addition may make up a camping-out party. Shawnee and Osage county boys are talking about a joint meeting to be held on Wakarusa creek. Anderson and Linn want to hold a joint picnic. Coffey county clubs will have a big picnic at Lebo August 6. And so it goes; for all the hard work there must be some good times, and that's where club members excel. Is it any wonder that boys and girls in counties where clubs are taking advantage of their opportunities are asking to be admitted as associate members so as to be sure of a place next year?

Talking about harvesting, tho, here's an example of genuine pluck. Thirteen-year-old Tom Lemons of Shawnee county came into the office this morning, dressed for work and looking as brown as a young Indian. "Where've you been since I saw you last, Tom?" I asked. "Been out in Norton county, harvesting," briefly replied Tom, who, incidentally, doesn't usually waste any breath in extra words. "Reckon you made pretty good money out there, didn't you?" was the next question. "Enough to pay my note to Arthur Capper," was the surprising reply. I wonder how many Capper Pig club members have earned or will earn enough money this summer to pay their pig club notes.

There are many kinds of pep and all are appreciated, but I admire none more than the pep which keeps a county leader up and coming when he has only two teammates and it doesn't seem as if there's much chance of his winning the trophy cup. Sometimes such leaders make such a good showing that they surprise themselves and the club manager by getting in on the prizes. I have a hunch that's what Hardin Lineback, Allen county leader and Duroc booster, will do. His two teammates, Dwight Swearingen and Winifred Doolittle, can just about keep up with him in pep, too. The latest news from Allen county is that a club



Claude Cheek and His Chester White tassel. Papa went to the harvest field in Western Kansas so I had to plow all the corn." If a live chap like Homer doesn't have some teammates next year I'll begin to wonder what the matter with the rest of the boys in Brown county.

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RURAL ENGINEERING HINTS

Machinery Sheds

The time is not far distant when the cultivators, the binders, the mowers and the other array of implements will have done their valuable service for their owners this season. Will these implements be serviceable next season? If they are left unprotected against the weather for the rain, sun, and air to get in their effective work of rotting, warping or rusting the implements, the depreciation will be great. It is the writer's pleasure to take a trip to the writer's recently thru Oklahoma and Kansas and while it should be said to the credit of many, that they were protecting their investment in machinery, others literally had a graveyard for machinery about their homes. In the latter case the homes themselves reflected the lack of progress.

High Cost of Building

The high cost of building material is a great obstacle, but building material has not been alone in the upward trend. Farm machinery itself has not been a laggard in this respect. While it does cost more to build machinery today than it did several years ago, the machinery that it houses today is much more valuable and the need for protection is as great as ever. Besides, there seems to be indication of a slight easing off of the building material market and for this reason it is wise to consider closely the needs on your own farm. A consideration of the machinery that it is desired to house in provision for a few later additions to the equipment will give one a better idea how large a shed should be.

When Depreciation Begins

Depreciation of a machine begins to place the moment it leaves the factory, but the rate can be hastened or retarded so that in one case a machine may show twice the life of a similar machine under different conditions. To take a specific example, assume that the value of the machinery is \$1,000. If this machinery is permitted to stand in the open under all conditions of weather, we can assume a useful life of six years. By housing, it is conservative to say that four years may be added to the useful life. The amount to be charged off if the depreciation is uniform is \$666 in the first case and \$400 in the second case. The difference as shown, namely, \$266 would in a couple of years pay for the material required to house the machinery even at present prices.

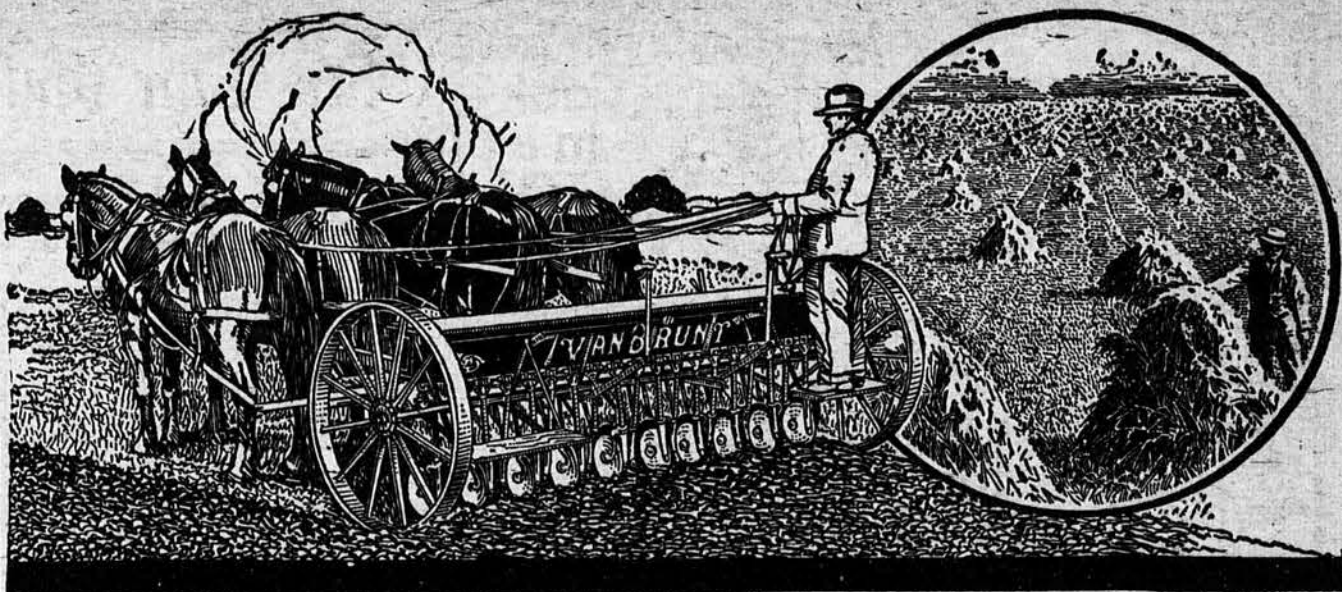
Keeping Things in Condition

While it is recognized that a shed does much to keep machines in condition, still one should not consider a shed a substitute for other attention the machinery should receive. A coat or two of rust-resisting paint will promote longevity for the machinery and will be well worth the effort. In handling the brush, polished surfaces should not be painted, but should be given a coat of heavy grease just before storing. Bearing surfaces should be given similar treatment.

The Harvester Threshers

Those who have watched the harvester threshers at work this season in Kansas are enthusiastic in its praise, anything that solves the question of eliminating to a large degree a great amount of high-priced labor will always be welcome on the farm. Without a doubt the use of the harvester threshers will be much extended another season, but there are certain points that should come in for attention at the same time. Had more of these machines been used this year the market would have been glutted, for grain is forced on the market for lack of proper storage facilities. Cooperation between farmers can solve this problem by providing proper storage facilities.

Another point of importance is the fact that the grain must go to the elevator before it takes place excessive heating will be prevented. Proper aeration will solve this difficulty, but will mean more of the grain at the elevator.



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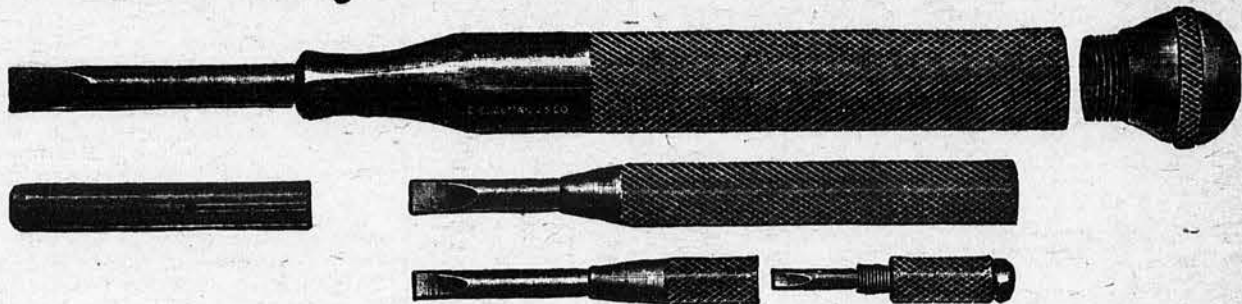
Van Brunt Drills are made in all standard sizes and styles. Can be furnished with tractor hitch and grass seeder attachment.

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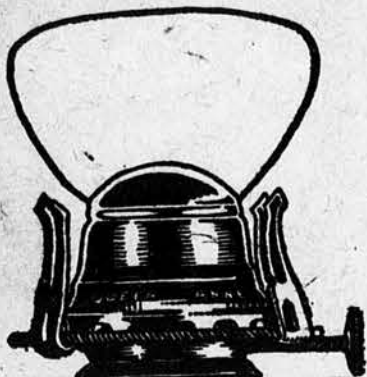
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For Our Young Readers

Every Boy and Girl May Help Celebrate the 300th Anniversary of America's Origin This Year

THE YEAR 1920 is doubly significant, historically. It marks the 300th anniversary of two important events which led to the founding of the Republic of the United States of America. One is the signing of the Mayflower Compact and the landing of the Pilgrims, and the other is the meeting of the first American legislative assembly.

On November 11, 1620, in the cabin of the Mayflower, a tiny bark lying off the Massachusetts coast, a little band of liberty-loving men from "Brittania" entered into what history has styled the Mayflower Compact. This agreement bound the 41 adult males in the ship's company into a "civil body poli-

tic" for the general good of the colony which was to be established. Two days later the Mayflower, carrying 102 passengers, men, women and children, anchored at what is now Provincetown, Mass.

This body politic established and maintained on this bleak and barren edge of a vast wilderness a state without a king or a noble, a church without a bishop—a democratic commonwealth. With long-suffering devotion and sober resolution they illustrated for the first time in history the principles of civil and religious liberty and the practice of a genuine democracy.

Meantime, uninformed of the Pilgrims, fellow-colonists of Captain John Smith had met at "James City"—Jamestown—for the first American Legislative Assembly. On July 30, 1619, they had thus broken ground for the foundation of the present democratic form of government in the United States.

So this year these events are being commemorated in the United States, in England and in Holland. In August the origin of the Pilgrim movement will be celebrated in England and early in September meetings will be held in Holland in memory of the Pilgrims' sojourn in that country. In September a second Mayflower will set sail from Southampton, England, to follow to the American shore the path taken by the original Mayflower. But this second Mayflower will be modern and therefore much more seaworthy than her smaller predecessor. This boat, carrying many prominent people of England, Holland and the United States, will anchor in Provincetown Harbor late in September and its arrival will mark the crowning dramatic episode of the entire Tercentenary celebrations.

These events will not be celebrated in the United States by the citizens of Massachusetts and Virginia alone. Communities throughout America are planning to take this opportunity to review the "foundation upon which the United States rests" and to re-emphasize those principles which the grandfathers of the boys and girls of today established. America is appropriating from national and state treasuries hundreds of thousands of dollars to be used in plans for the commemoration. One plan is to erect, overlooking Plymouth harbor, a colossal statue of Massasoit, the Indian chief who befriended the Puritan pioneer. Another is to set the Plymouth Rock, which in 1741 was raised above the tide, in its original position.

Seventy American cities, including New York, Chicago and Boston, have

begun plans for their celebrations the Tercentenary. The Sulgrave Institution and the American Mayflower Council have been active in co-ordinating these plans. If you wish suggestions regarding suitable plays, pageants, tableaux, recitations to use in your schools, churches in celebrating the Tercentenary, write Community Service, Madison Avenue, New York.

What are the Flowers?

Can you name the official flowers adopted by the different states in the Union? In most cases it is a native flower or plant restricted to a particular state or at least to one section of the United States, as the orange blossom of Florida, the columbine of Colorado, the mountain laurel of Connecticut, the giant cactus of Arizona, the pine cone and tassel of Maine, the sagebrush of Nevada, the mistletoe of Oklahoma, the magnolia of Mississippi and Louisiana and the sunflower of Kansas.

Some of the more common flowers have proved popular, the violet being chosen by three states, the carnation by two, the wild rose by two and the Indian paint brush by two. New York preferred the rose, and Pennsylvania and Ohio the carnation. Choice was made in most instances by the state legislatures, in eight states by the children of the schools and five states by popular vote.

The flowers by states, except the already mentioned are: Alabama, the camellia; Nebraska, goldenrod; Arkansas, the dogwood; Michigan, apple blossom; California, the poppy; Delaware, peach blossom; Georgia, Cherokee rose; Illinois, the blue bell; Rhode Island, the yellow flower; Wisconsin, violet; Iowa and North Dakota, wild rose; Kentucky, the trumpet vine; Maryland, black-eyed Susan; Massachusetts, May flower; Minnesota, the moccasin flower; Montana, bitter root; New Mexico, cactus; North Carolina, the daisy; Oregon, grape; South Dakota, the pasque flower; Texas, bluebonnet; Utah, sego lily; Vermont, red clover; Virginia, dogwood; Washington, the dogwood; West Virginia, the dogwood; and Wyoming, Indian paint brush.

A "Rocky" Puzzle

A "rocky" puzzle sounds as if it would be difficult to guess, doesn't it? But I don't think it will be difficult to find these words which begin or end with "rock." Most of the words to be supplied are compound ones. Send your answers to the Puzzle Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan. There will be packages of puzzle cards for the first six boys and girls who send in correct answers.

A hymn.
A kind of fowl.
A mountain system.
A railroad system.
A kind of melon.
A song babies love.
An English stronghold.
A Fourth of July emblem.
A plaything for children.
The emblem of a foreign country.
A well known American philanthropist.
An important spot in early American history.

Solution July 17 Puzzle—Counties: Kansas: Logan, Rawlins, Shaw, Geary. Prize winners are: Leo Morrison, Tecumseh, Kan.; Martin Hemewood, Kan.; Frances Gooding, Edson, Kan.; Evelyn Harding, Louth, Kan.; Sara Martin, Fort Kan.; Mary Jane Vance, Marion, Kan.

They're Never Lonely

The following verses were written by Ruth Mary Miller of Black Hills, Colo. Ruth Mary is just 11 years old.

The hills are never lonely
With all their living things,
The scolding of the bluejays,
The whir of grouse' wings.

The whispering of the pine trees
Swayed by summer breeze,
The hills are never lonely,
If you understand these.

Considerable progress in pump irrigation is being made by the farmers near Wichita.

Answer Puzzle—Get a Prize



Names of Eight School Books Are Hidden in This Picture

Can you answer this puzzle? Here's one that will bring back your school days. You should be familiar with these books, having studied your lessons from them. Can you name them? Take your time in solving the puzzle—be sure you are right. With the answer to this puzzle you will be entitled to a prize and the opportunity to participate in the distribution of \$500.00 in gold given away free. Your solution must be mailed at once to the address below.

PUZZLE MAN, DEPARTMENT 900, TOPEKA, KANSAS

Kansas Farm News Notes

HOG BREEDERS of Doniphan county are planning to hold a consignment sale this fall. The offering will be very carefully chosen and only animals of real merit consigned. The county agent will receive the entries. The wool producers of the county have decided to hold their wool sale until sale conditions are more satisfactory. The clip is now being stored in Troy in charge of a sale committee of five men.

Many Silos Sold

Fifty silos have been sold in McPherson county by a single firm. Men who have used the silo in the county maintain that no farmer having as many as 25 head of cattle should be without one.

Plan for Granary

Plans for a thousand-bushel granary prepared by W. G. Ward, farm architect of the Kansas State Agricultural College, can be obtained from any of the county agents, or by writing directly to the college. The building is designed as an emergency structure. Labor and material will cost approximately \$250.

Kanred to Oklahoma

More than 22,000 bushels of seed wheat for distribution in Oklahoma have been bought in Kansas by C. O. Thomas of the Oklahoma Agricultural and Mechanical college. Mr. Thomas is paying a premium for good, clean seed. More than one-fourth of the seed has been purchased in Pratt county. The farmers of this county are establishing a reputation for good seed wheat. The seed must be free from other varieties of wheat.

Shorthorn Club in Wilson

A calf club for boys and girls is being organized by Shorthorn breeders of Wilson county. Boys or girls 10 to 18 years old are eligible for membership. It is to buy, thru the direction of the Wilson County Shorthorn Breeders' association, a registered Shorthorn calf 6 to 8 months old. The contest will last a year and the winner of first prize under the rules adopted will get \$100 cash prize.

Condensed Buttermilk for Hogs

Condensed buttermilk, which is a by-product of creameries, is becoming popular as a hog feed. It is condensed to a semi-solid condition and can be mixed with water as fed. Some hogmen report trouble from scouring when ordinary creamery buttermilk is fed, but find the condensed product of more uniform quality and free from this trouble. The new creamery at Holton, which has been doing business for two years, has just recently established a condensed buttermilk department and is putting out trial samples to anyone who cares to test it.

Reno County Employs Agent

A budget of \$3,750 was voted by the commissioners of Reno county for the support of the Reno Farm Bureau work which includes the employment of a county agent. Samuel J. Smith of Reno county was chosen as agent. He is 30 years old and has spent his life on the farm, except while attending school. He is a graduate of the Kansas State Normal school and of the Kansas State Agricultural college. An initial expense of \$800 in addition to the budget adopted was voted by Farm Bureau members. This is to provide office equipment and a salary for the agent.

Cull Out Poor Hens

Farmers and their wives are to be shown how to cull out the poor hens from their flocks in a state-wide culling campaign now under way. N. L. Harp, poultry specialist of the extension division of the Kansas State Agricultural college is in charge of the work, holding culling schools, first in all the county seat towns and later in every other community. The points of the culling layers will be shown, so anyone can cull out the non-producers. Mr. Harp estimates that \$300,000 can be saved in Kansas this coming winter by

a culling out of the boarder hens. The income from poultry in Kansas last year, according to the Kansas state board of agriculture, was more than 30 million dollars.

County Exhibits at Topeka

Five counties, Jackson, Jewell, Jefferson, Sumner and Comanche, have already announced that they will send county agricultural exhibits to the Topeka Free Fair. F. O. Blecha, superintendent of the agricultural department, calls attention to the changed score card for the competition between county exhibits, 250 points now being given to the educational value of the exhibits.

Farmers and Threshers Co-operate

Farmers and threshermen of Greenwood county in a well attended meeting held June 26 took up the matter of threshing rates. The threshermen submitted a schedule for approval and after some discussion adjustments were made satisfactory to both farmers and threshers. The schedule agreed upon is: Threshing wheat, 12 cents a bushel, oats 6 cents, barley 8 cents, rye 15 cents, the farmer to provide the fuel in every case. It is thought that these rates will be just, with perhaps very few exceptions where slight deviations may be necessary.

Grangers Discuss Amendments

Discussion of the proposed constitutional amendments was the main feature of the program of the monthly Pomona Grange meeting of Shawnee county held at Indian Creek Grange Hall last week. Dr. N. J. Taylor of Berryton Grange led the discussion. B. Needham, master of the State Grange, told of his experiences as a delegate representing the farmers of the state at a hearing in Washington at which transportation companies were asking for a 25 per cent increase in freight rates.

Deep Plowing Increased Yield

Early deep plowing on the W. A. Gladfelter farm, Lyon county, resulted in a wheat yield of 40 bushels to the acre. On adjoining land not so plowed the yield averaged 25 bushels to the acre. The 20-acre field yielding 40 bushels to the acre was plowed by 12 tractors in a plowing demonstration held on the Gladfelter farm last summer.

More Co-operative Elevators

At least 100 more co-operative elevators are needed in Kansas, say state officials of the farmers' union who have been studying marketing facilities in various communities of the state. Wheat growers in localities not having co-operative elevators usually offer the excuse that they cannot raise the money to build an elevator. It requires team work and a hearty spirit of co-operation to handle such a project but many communities have successfully built and operated elevators.

Farmers Quiz Candidates

Shawnee County Farmers' Union has sent a questionnaire to all the candidates for county commissioner and the legislature. They wish to know how these men stand on a number of questions before the date of the primary. At a meeting of the County Farm Union held July 17 in Topeka candidates appeared in response to a special invitation and set forth their claims for farmer support at the polls.

More Feed, Less Wheat

Cut down on the acreage of wheat, put more ground into corn, alfalfa and forage and get a few cows or other stock is the advice of John Fall, one of Reno county's good farmers. He believes that the wheat farmer is not much ahead after he has paid for all the high priced help necessary to grow and market a wheat crop. Diversified farming enables a man to do more without hiring a lot of extra help.

No Smut-proof Wheat

Reports from Barton county that Kanred, the new variety of wheat yielding from 3 to 5 bushels to the acre

more than other kinds of hard wheat, was unusually susceptible to smut are without foundation. Professor L. E. Call, who has recently made a careful investigation of the smut infested area, finds that much damage has been done in that section, particularly in the southern part of Barton county. Kanred wheat has suffered with other varieties, but careful comparisons of fields in the smut area showed fully as much smut in Turkey, Kharkof and Alberta red and other varieties as in Kanred. The facts show that when smut infected seed was sown on ground where the conditions were favorable for the development of smut, there is smut in the crop this season. Professor Call found that much of the Kanred grown in south Barton county contains small quantities of smut. Smutty seed should never be planted without treatment to destroy the smut spores. Kanred is not immune to smut and it is therefore of the greatest importance that seed be treated before sowing this fall.

Look Out for Chinch Bugs

Warning messages from Missouri, Indiana, and Illinois state that the chinch bug is appearing locally in the southern portions of these states and somewhat farther north in Indiana. They also have appeared in some parts of Kansas. The spring flight of the bug continued over a longer period than usual, and for that reason the infestation has been extended to larger areas. The Bureau of Entomology, United States Department of Agriculture, apprehends severe injury to the corn crops later unless steps are taken to check the infestation, and is assisting to the extent of its ability toward putting control measures into effect.

The Bureau of Entomology offers the following information: The chinch bugs spend the winter in clumps of bunch grass and under dead leaves and rubbish. In the spring they emerge and fly to fields of young wheat, where they lay their eggs on the root tops and stems. When the wheat commences to ripen and dry, the young bugs leave the wheat fields in armies and walk—for most of them cannot yet fly—to the corn fields, where they do the greatest damage.

The fact that they make the migration from the wheat to the corn by walking, gives the farmer his opportunity to check the invasion by pouring road oil along the bottom of a shallow furrow dug across the line of march. Deep holes should be dug every 25 feet along the furrow on the side nearest the wheat to trap the bugs.

Corn already infested may be sprayed with kerosene emulsion along the first rows to prevent the bugs from going farther. Some corn will be injured by the spray, but the balance will be safe from the bugs.

As a preventive measure, burn all trash and dried grasses, especially such as grow in clumps like "broom sedge" during early winter or early spring. Roadsides and pastures should receive most thorough treatment of this character.

The acreage of cowpeas in Eastern Kansas will increase greatly in the next few years.



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With the Homemakers

Stella Gertrude Nash
— EDITOR —

You Will be More Comfortable in a Carefully Fitted Corset

CORSETS were worn for style only years ago, the effectiveness of the costume depending entirely upon the success the wearer had in reducing the waist to a mere "wisp." We are told that strenuous measures were taken to produce the desired size. Many of the older women of today have memories of the corset laces being tied to the bed post while they ran away from it, and some one quickly tied the strings before they could slack.

Today the well dressed woman wears a corset that is adapted to her individual requirements. The corset is now considered one of the most hygienic of garments. This is true because of its function in the matter of the preservation of health.

A well fitted corset will give needed support to the abdominal walls and to the muscles of the back, thus helping the figure maintain its correct pose. Properly adjusted corsets relieve pressure on the pelvic organs by supporting the abdominal walls. They will also cover and control flesh.

When we go into a store to buy a pair of shoes we expect to have the clerk fit them even tho we know just the size we wear. We know that if the shoe is not fitted we shall suffer untold agony. But how often one will buy a corset without giving it any more thought than being sure it will be large enough to go around her. Since the corset encases the delicate organs of the body there is danger in carelessness.

All large stores provide a fitting room that their clerks may try several models on the individual until both are sure the garment will meet the requirements. Smaller stores can and will do so as soon as there is such a demand. There is no charge for fitting a corset because it is a part of the business to sell suitable models. If it is necessary to alter the model, extra charges are made.

The lacing of a corset has much to do with the lines of the figure, as well as with the comfort one is to get out of the garment. Referring again to the fitting of the shoe, we recall how uncomfortable a shoe tightly laced makes the foot. We remember how slovenly the foot looks in a carelessly laced shoe.

The same things are true with the corset. There are general rules to be considered when adjusting a back lace garment. First, be sure the waistline of the corset is placed at your waistline. The laces should be open to the fullest extent. After the clasps are fastened, the supporters should be fastened to the hose and the corset pulled down in the back. It is not a wise plan to shove the corset down in front.

To secure the best effect, one should begin drawing the laces at the waistline, working toward the hip. The slack can then be taken from the top by lacing from there to the waistline. When one laces the corset from the bottom up she forces the flesh above the corset to the shoulders, giving them an ugly curve.

If a front lace garment is worn begin lacing at the bottom clasp and lace up toward the waistline. This will support the abdominal walls. Draw the slack from the top down to the waistline, otherwise the flesh will be pushed above the corset.

Fitting and adjusting the corset properly is not a fad or a fancy; it is a matter to be considered seriously. It may take a little extra time, but where health is a factor one should be willing to take the time.

Mrs. Ida Migliario.

Better Than Brooms

One of the inventions for the home without electricity is that of the automatic cleaner. This cleaner has gears enclosed in an aluminum case and it is supplied with bristle brushes which can be adjusted as they wear.

When the cleaner is pushed over a

rug the gears turn rapidly and the amount of suction created is surprising. Just by way of demonstration, one which did not have the dust bag attached, was pushed across a rug and there was sufficient suction to draw the dirt thru the cleaner and throw it higher than a library table. Of course there is no escape of dust when the bag is in place.

When starting the cleaner one should take the first few strokes slowly and gradually increase the speed. She does not get up the right momentum if she starts it with a jerk. The faster the cleaner is run after the first few strokes the better the results for the greater the suction. It is not necessary to press down on the rug, the cleaner should be passed lightly over it.

The dust bag should be kept clean to do efficient work, but it should not be washed, for that would remove the filling. To remove the bag turn it at the coupling and remove it from the handle. Shake the dust from it and replace. The brushes need to be kept clean, also. Hair and threads should be cut between the rows of the bristles and pulled out.

Another type of hand power cleaner is that whereby suction is created by pushing a handle back and forth. This handle is connected with an especially constructed apparatus enclosed in a metal case. A long rubber hose attached to the suction compartment has a nozzle on it. While forcing the

handle back and forth the nozzle is passed over the rug. The suction is great enough to draw the dirt thru the hose and into the container.

Sweeping with a broom is hard physical labor and removes only the surface dirt. Rugs and carpets that are kept clean with these suction cleaners wear longer than when dust is allowed to remain in them. Dust causes decay of the fibers.

Simple Equipment Used

I canned 250 quarts of fruit and vegetables last year and lost only one quart. I used the cold pack method, having no equipment other than that found in every home—the common wash boiler. But I found that I could can vegetables, soups, meat, fish, fruit and tomatoes or any other food, or combination of foods, successfully in this way. I use Mason jars with screw tops and also jars with the glass top. I am careful to have the can tops and rubbers well sterilized, placing the cans in a pan of warm water, bringing it to the boiling point and letting them remain 4 minutes or more. I treat the tops and rubbers in the same way in a separate pan.

A good way to keep sauerkraut is to make it out of the early summer cabbage and can it as soon as it becomes sour, by the cold pack method.

Mrs. S. A. Front.

t tr c in next sp, repeat around, corners and center of front and back omit ch 5 between 2 clusters of t tr c

6th row—Same as 4th row.
7th row—Join thread in sp, ch 4, skip 1 sp, * 1 d c in next sp, ch 4, treble crochet (tr c—thread over hook twice) in same place, ch 7, 1 tr c in same place, ch 4, 1 d c in same place, skip 1 sp, 1 d c in next sp, ch 6, skip 1 sp, 1 d c in next sp, skip 1 sp, repeat from *.

8th row—6 s c over ch 6, 5 s c over each ch 4, 9 s c over 7 ch.

Lower Edge—1 row of sp.
Outer Edge of Sleevelet—Join thread in 2d free loop of flower, ch 3 for d c, ch 7, 1 d c in same loop, *. In each of next 5 loops, work 2 d c separated by 7 ch, 1 tr c in next loop of flower, 1 c in 1st loop of next flower, 1 d c in next loop, ch 7, 1 d c in same loop, repeat from *.

2d row—Sl st into 1st loop, ch 3 for d c, * ch 4, 1 d c in same loop. In each of next 4 loops work thus; 1 d c, 4 ch, 1 tr c, 7 ch, 1 tr c, 4 ch, 1 d c (all in one loop), then 1 d c in next loop, 4 d c in last loop of flower, 1 d c in 1st loop of next flower, ch 4 and repeat around.

3d row—5 s c over each 4 ch, 9 s c over 7 ch.

Dishes Other Folks Like

Here are some of the good weather recipes recommended by readers of Farmers Mail and Breeze.

Chilled Dessert

Dissolve 1 tablespoon of granulated gelatin in ¼ cup of cold water. Add ¼ cup of boiling water and 1 cup of sugar, and stir until the gelatin and sugar are dissolved. Let cool, then whip with an egg beater. When light fold in 1 pint of cream which has been whipped. Add ¼ pound of nut meat, 12 marshmallows and ¼ cup of pineapple. Place on ice. Slice and serve.

—Mrs. Guy Fisher.

Fruit Custard

Mix thoroughly 2 beaten eggs, 2 tablespoons of cornstarch, ½ cup of sugar and a pinch of salt. Stir into 1 quart of boiling milk, and cook in a double boiler. Turn into moulds. Serve with a dressing of crushed, well sweetened fruit.—Laura K. Briggs.

Rice Cream

Beat 4 eggs and add 1 cup of sugar and vanilla extract. Scald 2 cups of milk or cream, mix with the eggs and sugar, and cook until thick, stirring constantly. While still hot add 1 cup of boiled rice. When entirely cold, add 1 cup of whipped cream, and set in a wet mold. This is delicious served with light cake.—Inez Banks.

Strawberry Stars

Dissolve 1 package of lemon gelatin and let cool. Then whip and put in dish with alternate layers of crushed and sweetened strawberries. Serve with whipped cream, and garnish with whole berries rolled in powdered sugar. The red and white color scheme is very pretty.—Mrs. Walter Campbell.

Snowball Ice Cream

Put 1 quart of rich, sweet lemonade into a freezer and when it begins to thicken add 1 pint of pure cream, turning the freezer rapidly until it is to the usual ice cream consistency. Remove the paddle and pack. When ready to serve, mold into balls and serve in glass dishes with broken sugar and about it. If the cream melts slightly, and runs into the sugar, it is delicious.

Clara L. Sapp.

Write to the U. S. Department of Agriculture, Washington, D. C., Farmers' Bulletin 984 "Farm Home Drying of Fruits and Vegetables."



THREE BALLS of No. 60 crochet cotton were used to make this yoke. Begin with a chain (ch) of 7; join to form a ring.

1st row—12 single crochet (s c) in ring; join with a sl st.

2d row—Take up both threads of the s c, 16 s c in the round, increasing by working 2 s c in each 3d stitch (st) of last row.

3d row—24 s c; increase in each 2d st of last row.

4th row—1 s p in each st of last row.

5th row—36 s c; increase in each 2d st of last row.

6th row—40 s c; increase in each 9th st of last row.

7th row—1 s c in 1st st, ch 3, * skip 1 st, 1 s c in next, ch 3. Repeat from *.

8th row—In each of the 20 little loops make a cluster of 4 long treble crochet (1 tr c—thread over hook 5 times) with a loop of 7 ch between each cluster. To make the cluster, retain the last loop of the 1st 3 l tr c on the hook and then cast off all loops at once. In starting 1st cluster, ch 7. This completes the flower. Join 2d to 1st with slip stitch (sl st) in last 2 ch of 7.

Upper Edge—1st row—Join thread over 2d free loop of 1st flower of front with a s c, * 6 times, 7 ch and 1 s c in successive loops; ch 5, 2 triple treble crochet (t tr c—thread over hook 3 times) in same loop as last s c, ch 1, 3 t tr c in next loop of flower to form a cluster; cluster of 3 t tr c in 1st loop of next flower; ch 1, 2 t tr c worked off together in next loop, ch 5, 1 s c in same loop. Repeat from * once; 3 t tr c to form a cluster over 1st free loop of center flower; 3 t tr c in a cluster over next loop of same flower; 3 t tr c in a cluster over 1st free loop of next flower,

2 t tr c in a cluster over next free loop of same flower; ch 5, 1 s c in same loop; repeat over next two flowers same as over 1st, skip 1 free loop of flower of armhole, 3 t tr c in a cluster over next loop of same flower, skip next loop, 3 t tr c in a cluster over 1st loop of next flower, 2 t tr c over next loop of same flower, ch 5, 1 s c in same loop. Repeat around armhole same as over 1st flowers of yoke. Repeat same over lower part of yoke, making 4 loops of 7 ch over flowers; 11 loops over center flower.

2d row—Join thread over 1st flower of previous row with a s c, * 5 loops of 7 ch and 1 s c in successive loops, ch 7, 2 t tr c (worked off together) in small space of 1 ch between 1st two clusters of the group, ch 5, 1 s c in same place, ch 1, 1 s c in the 1 ch between 3d and 4th clusters of group, ch 5, 2 t tr c (worked off together) in same place, ch 7, 1 s c in 1st loop of next flower. Repeat from * across front and around yoke, making 4 loops over each flower of sleevelet and 3 loops on lower part of yoke; 10 loops over center flower.

3d row—Join thread over 1st loop of previous row, 5 loops of 7 ch and 1 s c in successive loops, ch 5, 3 t tr c to form a cluster in the space of 1 ch, ch 5, 1 s c, 6 loops of 7 ch and 1 s c in successive loops, ch 3, 3 t tr c to form a cluster in space of 1 ch, ch 3, 1 s c, 6 loops of 7 ch and 1 s c, ch 5, 1 s c, 6 loops of 7 ch and 1 s c, ch 3, 3 t tr c, ch 3, 1 s c, 5 loops of 7 ch and 1 s c, ch 5, repeat around.

4th row—1 row of spaces (sp) thus; Ch 2, skip 2 st, 1 double crochet (d c—thread over hook once) in next.

5th row—Join thread in sp, ch 6, 1 t tr c in same place, ch 5, skip 1 sp, 2 tables.

Easily Made Garments

9705—Child's Set of Hats. A sailor hat for a little boy, one for a girl and smart roll brim sport hat are all included in this pattern. Sizes 2, 4, 6, 8, 10 and 12 years.

9701—Ladies' Dress. The narrow tuxedo collar, fly-away sash, vestee and cuffs are of white organdie. The dress may be of voile, dotted Swiss, organdie or lawn. Sizes 36, 38, 40 and 42 inches bust measure.

9504—Girls' Combination. This garment combines the two-in-one feature of underwaist and bloomers. Sizes 2, 4, 6, 8, 10, 12 and 14 years.



9709—Ladies' and Misses' Coat. This coat may be worn as a separate sport coat or as a complement to a suit. Sizes 16 years and 36, 38, 40 and 42 inches bust measure.

9348—Ladies' Housedress. An effective use of striped material is shown in the pocket treatment at each side of the skirt. A narrow roll collar follows the surplice closing of the waist. Sizes 34, 36, 38, 40 and 42 inches bust measure.

9706—Little Boys' Suit. Blue chambray with trimming of blue and white checked gingham makes this suit. The overblouse is quite long. Sizes 1, 2 and 3 years.

These patterns may be ordered from the Pattern Department, Kansas Farmer and Mail and Breeze, Topeka, Kan. Price 12 cents each.

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Arthur Capper

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The Record of the Senior Senator from Kansas

IT IS IMPOSSIBLE to review even briefly in a short newspaper article Senator Curtis's fine achievements as a member of both houses of Congress. During the more than twenty-five years that he has been in Washington, not once has he failed to represent the interests of the people of the state. It is sometimes charged that Senator Curtis has devoted his attention to small matters. While it is true that no matter affecting the people of his state was too little to receive his attention, it is equally true that he has had a leading part in all large affairs coming before the Congress. His standing among his colleagues is attested by the fact that he was once elected President pro tem of the Senate, performing the duties of Vice President of the United States, and that he has for many years been the Republican "whip," thus being always one of the advisers in the framing of important legislation.

What is considered by many as the greatest piece of reform legislation enacted in the last ten years is the work of Senator Curtis. This is the adoption of a rule by the Senate preventing the introduction of new matter into bills when in conference between the two houses. The reports of conference committees used to be the favorite lurking places for "jokers" and the lobbyists that hang about Congress serving special interests would make great use of these "jokers." Under the Curtis amendment to the rules this graft has been stopped.

Turn from this great reform to what some of Senator Curtis's critics might consider a small matter—his amendment to the federal highway law. The Kansas constitution prohibits the state from engaging in works of internal improvement. Under this prohibition Kansas would have been shut out from the benefits of the Government appropriations for the improvement of rural mail routes, except for the Curtis amendment, which provides that where a state has such an internal improvement prohibition as is contained in the Kansas constitution, the Government appropriation may go to counties in that state that provide the proportionate share of the expense required by the federal Government. The farmers of the state will hardly consider this a small matter.

Likewise, when the price of wheat was being fixed at the beginning of the war, Senator Curtis was not so busy being a "statesman" as not to take time to look after the interests of the wheat growers of the country. The President was about to fix the price of wheat as low as \$1.87 a bushel. The market price at the time was ranging from \$2.64 to \$3.00 a bushel. Senator Curtis got together the Senators from wheat growing states, arranged for an interview with the President, and with the other Senators urged that the Government guaranteed price be fixed more in accord with the then market price. The President did not accede to the request, but fixed the basic price at \$2.20 a bushel. But had it not been for the activity of Senator Curtis, Kansas wheat farmers would have been forced to take from 30 to 35 cents a bushel less for their wheat during the war than they did receive. It was likewise an amendment by Senator Curtis that put Kansas wheat on a parity with Minnesota wheat in the markets of the country. It was Senator Curtis who first discovered that the United States grain corporation had placed an embargo on wheat and reported that fact to Senator Gronna, chairman of the Senate committee on agriculture, with the result that a lifting of the embargo was obtained and the farmers' wheat market was relieved of the depression caused by the embargo.

Some persons may call these small matters but the farmers of the state will scarcely consider them so. Members of the legislative committees of the National Grange are glad to testify that Senator Curtis has always been the consistent champion of the farmer and stockraiser. When he first went to Congress he introduced a bill to amend the interstate commerce act to protect further the interests of the shippers in the agricultural districts,

That was the beginning of the fight that ended in the various amendments that were adopted during Roosevelt's and Taft's administrations. When he returned to the Senate six years ago Senator Curtis desired to go on the Agricultural committee, but as Senator Thompson was already a member Kansas was not permitted to have a second member of that great committee. When Senator Capper defeated Senator Thompson, Senator Curtis secured the appointment of his colleague to the Committee on Agriculture, so that Kansas continues to have a member of that committee.

The Kansas stockmen who visited Washington last winter following the big slump in the price of cattle had opportunity to observe Senator Curtis's high standing with the departments. Senator Curtis arranged the interviews that were had with the various heads of Government departments and obtained for them prompt hearings. Accompanied by the other members of the Kansas delegation in Congress and the visiting stockmen, he visited the departments and did all that it was possible to do to obtain relief from the situation complained of by the stockmen. Most of the visitors were very grateful for the courtesy and interest shown and the help given. More recently Senator Curtis has interceded with the several commissions, boards and officials concerned in an effort to secure relief in the car shortage and the money stringency from which the state is suffering at present.

In matters of general legislation as well as in these pertaining more especially to the interests of his own state, Senator Curtis is a power. All the great suffrage organizations give him chief credit for the ratification of the national woman's suffrage amendment. As a young man he was the first Kansas county attorney actually to enforce the prohibitory law after he went to Congress he continued his championship of the temperance cause until national prohibition became an accomplished fact. The W. C. T. U. and other temperance societies gladly bear witness to his leadership in this movement. He has always been an advocate of economy in Government expenditures and has saved the Government some \$30,000,000 during his service in Congress. Among these items was the settlement of the Southern bond claims, which was brought about by his investigation and report. There was the \$600,000 a year saved for ten years by his defeat of the continuing jurisdiction over cases arising in the territory of Oklahoma by the courts at Paris, Texas, and Fort Smith, Arkansas. This bill was reported unanimously from the committee on the judiciary and Mr. Curtis made the fight on it alone. Other items were the recovery of \$4,000,000 on the Minnesota timber advances by the Government, and the \$300,000 a year saved by consolidating ports of entry.

By his membership on the two great Senate committees of finance and appropriations, having to do with the revenues and disbursements of the Government, Senator Curtis is in a stronger position than ever to help in the retrenchment that must follow the war. He surprised his colleagues at the session just closed by making reductions in all the appropriations handled by the sub-committee of the committee on appropriations of the Senate, of which he was chairman, and forcing the House conferees in conference committee to accept these reductions. This was a complete reversal of custom, as the Senate almost without exception increases House appropriations.

Senator Curtis already has succeeded in getting the Senate to adopt a modified cloture rule and when he returns to Washington he expects to secure the adoption of a still more stringent rule to save time now too frequently consumed in that body by useless debate.

Arthur Capper

(POLITICAL ADVERTISEMENT)

(POLITICAL ADVERTISEMENT)

The Squanderer of the Taxes You Paid

By CHAS. H. TRAPP

Running a state is just the same as running a farm—if the man at the plow has brains, is honest, and as honest help he makes a success. The officers of the state are the hired men of the people. If they are honest and efficient, taxes are lower. If they spend the funds like a kid at a circus, up goes the amount you have to pay.

If you had a hired hand and trusted him with your pocketbook and he went to Chicago and charged you \$36.40 when the fare was only \$21.08, there would be something wrong. If he started to plow up a lot and never finished the job, then started to harrow the field and left it for months, you would smell a rat. If he went to the neighbors and told what a wonderful hand he was, and left the shores unfinished, you would know at once that he was a grandstander. That is just what has happened in the office of the attorney general of Kansas. Hopkins sent a man out on a trip. He filed a bill for his expenses with the auditor of state and charged \$37.24 for car fare and Pullman. The fare is actually \$21.08. He didn't eat a lunch that cost the state less than 80 cents, and one of his dinners cost \$3.65. That there may be no doubt about these figures, am printing a photograph of the voucher itself. Look at that item on June 27: "Personal, suit pressed, \$3.80." Mind you, Hopkins took an oath that these items were "due according to law." Kansas must have funny laws that make \$3.80 due when you can get a suit pressed anywhere for 75 cents.

of his time in such an enterprise for profit for \$58. Do you? Willard was tried at Kansas City. His expenses were \$350. The state spent \$195 in prosecuting him. Yet the judge dismissed the case and said, "Willard isn't a profiteer; he's a Santa Claus." That isn't prosecution; it's persecution.

A \$15,000 Jamboree.

Hopkins inherited \$4,500 from the Brewster administration of the office. He had a fund of \$15,000 of his own. Yet in 1920, when the special session of the legislature convened, he asked for \$10,000 more. No wonder, charging \$3.80 for pressing clothes. There are over a hundred vouchers with just such items in them. I have a letter from a member of the ways and means committee of the house in which he says:

A Hot Letter on Incompetency.

"As a member of the ways and means committee I had occasion to know something of the financial end of the attorney general's office. In the 1919 session we gave him \$15,000. In addition to this he had the balance left him by his predecessor and the bridge fund. Yet during the special session of 1920, six months after he took his office, and with six months more of his fiscal year yet to run, he had 67 cents left. If I remember correctly. At any rate, it was less than \$1.00. We had a sub-committee investigate what had been done with the money already appropriated, and from their report we recommended that he be not allowed anything. However, he was given \$5,000 in the miscellaneous bill, which passed about the last night of the session. The people should realize that their money has not been spent judiciously. We should be against anyone in office who uses spectacular, headline, grandstand methods in telling what he is going to do, rather than confining himself to what he has accomplished."

Hopkins a Lawbreaker.

While arresting others for violation of law, Hopkins himself has continually violated the law. The statutes say that no officer shall give out information of warrants issued before they are served. In all his "big" cases he has given the information to the newspapers before the papers were served. In one case he took a reporter along with him. So rotten have been the practices in his office that last week (July 21) the Topeka State Journal devoted a column to the matter and cites the records of seven cases where Cliff Matson, Hopkins' first assistant, had his partner appear before the "Blue Sky" board to put across questionable stock-selling enterprises. Hopkins is chairman of the "Blue Sky" board. I quote just one paragraph of the Journal article:

"July 5, 1919, application was made to sell Furman Royalties interests. The application to the state board was made thru the firm of Matson & Stearns as private attorneys. Requirements of the board were not complied with by the company. The royalty is declared in state house circles to have been one of the 'very wild' propositions sold in Kansas. Frequent complaints have been registered from over the state relative to this investment."

Look up your pretty stock certificates where you have been skinned. If you are lucky enough not to have any, ask your neighbor. Then see if you like to have your state officers recommend such robbery to you. That's what the "Blue Sky" board does when it permits them to sell stock.

Hopkins Dare Not Reply.

Hopkins did not reply to this attack of the Journal. That paper tried to get a statement from him. Let the Journal tell what happened:

"Following publication by The State Journal of the record of blue sky cases handled by the firm of Matson & Stearns during the time Cliff Matson has been an assistant attorney general, this paper sought a statement from Hopkins. Over the telephone The State Journal asked Hopkins for a statement. He hung up the receiver. He was then asked if the official record as published by the The Journal was untrue. He made no answer and again hung up the receiver."

"The record as printed by The Journal is in the state house. It was made by Hopkins and his assistant. So far as The Journal knows the elements of politics and litigation can not change the history and record of the cases wherein it was shown that Matson as a state official represented private interests to secure permits thru the board of which his chief was chairman. Nor can it change the record of Mr. Hopkins' vote on these applications."

I could fill the entire Mail and Breeze with Hopkins' record of "going-to-do-it," but never doing it. The single attempt of Hopkins to throw Willard, an innocent man, in jail, should be enough. Not a profiteer is

in jail because of his activities that have cost thousands of dollars you paid in taxes. But prices have gone up and the prices of farm products have never kept pace with what you have had to pay for the goods you bought.

It is fair to assume that if Hopkins is renominated that you will pay yet higher prices. Every time he has spent the state's money in one of his abortive suits you have not only been compelled to pay for the prosecution but have paid for the defense in higher costs. He started after the stockyards. You got less for your steers; he went after sugar. It jumped from 11 cents to 27.

What is needed in Kansas is a man who will enforce the laws; not tell that he is going to enforce them. The defeat of Hopkins at the primary will do it.



EDWARD ROONEY

Candidate for Attorney General, subject to Republican Primary.

Edward Rooney is on the ballot in opposition to Hopkins. Rooney's platform has never been assailed. Even Hopkins has not suggested that Rooney will not carry out his promises. Here they are:

PLATFORM

Announcing himself a candidate for the office of attorney general of Kansas, Edward Rooney asks the votes of the people on the promise that he will administer the duties of the office without reference to class or condition.

He binds himself to engage in no occupation or pursuit which will divide his energies between the demands of the state and his private aspirations.

In actual administration of the office, he promises that he will conserve to the utmost the contingent funds placed at his disposal; that he will appoint such assistants as are well known for their legal ability; that he will enforce the laws as he finds them and give to every citizen the right of a hearing before resorting to the power invested in him, and that in no case will he abuse such power, nor use it for personal aggrandizement.

He will make his campaign on the sole issue of his competency for the office.

At the age of 33 he has made an enviable record in the legal profession. He claims as his friends the entire bar of Shawnee county, than whom no cleaner men exist in the profession. He has the good wishes of many high in the esteem of the community and in the state.

He asks for the votes of the men and women of the state of Kansas on the promise of an administration founded on a policy of justice to all.

The Career of Edward Rooney

Edward Rooney was born on a farm near Sabetha in Brown county October 17, 1887. After fifteen years on farms doing the things that all farmer boys do, carrying water and feeding the hogs, milking the cows and following the cultivator, he moved to a farm near Greenleaf, Washington county. His parents, John and Celia Rooney, natives of Ireland, having found that the pioneer life was an arduous one, and seeking to better themselves as best they could, sought the new location. The family consisted of eleven children and the eking out of the barest existence was a serious problem. Young Edward was possessed of a desire to enter the practice of law by an imposing gentleman, Judge Alexander, of Concordia, whom he had seen on the bench. Between the times the sun went to rest and when it rose, young Rooney pored over such law books as he could borrow. But times were hard and by patient labor and study he managed to graduate from Washington high school in 1909. He taught school in the country and the next year was unanimously chosen principal of the Haddam high school, spending his summers on the farm at the tasks of agriculture. Then his ambition intervened and Mr. Pearce, Y. M. secretary, told the boy how he could work his way thru Washburn.

Rooney's career at Washburn was brilliant, albeit he had to study by day and work at night. Dean Arthur saw the possibilities in the embryo and secured for him a position with Gled, Palmer & Gled, a high-class firm of attorneys. There is a lot of good in the world and big men secured for the young man positions where he could gain a livelihood, meanwhile spending his summers in the harvest field. He was admitted to the bar in 1914, meantime having married Miss Annie Henry, a school-mate of Washington county, and having two children by the union. Rooney immediately upon his admission to the bar opened an office of his own and later formed a partnership with a prominent attorney. His work has been a general practice and very successful from the legal viewpoint. He has never been a candidate for office, and therefore has no affiliations that will take his attention. He is a Mason, a K. of P. and member of the Methodist church.

The Kansas City Star and the Emporia Gazette fly to the defense of Attorney General Hopkins and allege the attack upon him is a conspiracy on the part of the people and the firms he annoyed, to defeat him. It may be true, but they are throwing bricks he furnished them. To an outsider, it hardly seems as if he had caused the alleged trusts and combinations and other belligerent interests enough trouble to make them indignant. In fact, his lack of results is the strongest charge against him.—Herington Sun.

The only thing the Attorney General seems to have accomplished was to spend something like \$20,000 of the state's money, put a great many innocent citizens to unnecessary expense and cast suspicion upon honorable men engaged in perfectly legitimate business. The extent to which Mr. Hopkins has forfeited the confidence of men in touch with public affairs was shown by the act of the last legislature granting him only \$5,000 as a contingent in place of the \$20,000 for which he asked. It is because of this record that another candidate has been brought into the field against Mr. Hopkins and an active campaign is being made for him.—Chas. F. Scott in Iola Register.

I have "budded-in" to this contest because I believe that a state officer should spend the taxpayers' money as carefully as he does his own. He should ruin no man's reputation to further advertise himself. He should keep his promises. Rooney will do all this. He will prevent his subordinates from foisting bum "securities" upon the people of the state. His ability as a lawyer may be ascertained by writing to Judge G. H. Whitcomb, Bennett R. Wheeler or E. D. McKeever, men high in the legal profession in Topeka. Or any other Topeka attorney, for that matter.

In conclusion I know of no better way to show you my mental view of Hopkins than a cartoon printed recently. Here it is:

A PRESSING QUESTION.



If it costs the state of Kansas \$3.80 to press Maurice McNeill's pants, how much is it going to cost the state to take the wrinkles out of Hopkins' "Prince Albert" when the votes are counted?

(POLITICAL ADVERTISEMENT)

This is a Photograph of the Voucher.

THE STATE OF KANSAS.	
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June 27	Amount carried forward
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Jess Willard Persecution.

Last winter, when the coal strike was on, Jess Willard, the big prize fighter, who is now a farmer and works at it all the time, told a committee of Topeka business men that he would have stove wood cut off his farm, pay for the cutting, let them sell it and he was to get whatever was left after the expenses were paid. Hopkins had Willard arrested and taken before a United States officer in a charge of "profiteering". Five Topeka business men went to Hopkins and showed him that Willard had given away 20 tons of that wood to poor people, that the sum Willard was to receive for the 120 tons cut off his farm was \$58. I don't believe a sane man would put in two weeks

The Adventures of the Hoovers

Hoover's Hound Knows How to Sympathize with the Belgians and Incidentally How to Make It Blazing Hot for Some of Their Enemies



Motor Trucks for Dairies

Rapid Transportation Increases the Milk Profits

BY G. C. WHEELER



MILK from a radius of 20 miles is hauled to the Borden condensery at Fort Scott by a fleet of motor trucks. In celebrating the distribution of the first group of cows placed in the county by the \$100,000 Holstein-Friesian corporation, the string of trucks, each with its load of empty cans and merchandise of various kinds ready for the return trip, was a feature of the parade thru the streets of Fort Scott to the Plaza where 20 farmers drew lots to determine the animals they were to get. These trucks had delivered the milk, and but the parade in celebration of the improvement program to be inaugurated would have been on the road the return trip long before noon. There are 27 trucks now hauling milk to the Borden condensery of Fort Scott. 21 of them took part in the parade the day the cows were distributed. As a spectacular demonstration of the part motor trucks are taking in the development of the territory tributary to the condensery. A steady milk supply is essential to the operation of a condensery plant. The first step in the establishment of the plant at Fort Scott was a canvass to determine the probable supply of milk, for without an assured supply the enterprise would have to be considered a failure. A dollar had been invested. This canvass was made in 1917 and farmers agreed the product of 5,000 cows. This was enough to insure the success of the enterprise and the condensery, a building of brick and concrete 98 feet by 213 feet, located on a 9-acre tract around adjoining the city, was built ready for business May 1, 1918. It is a two-story structure with a basement, costing \$400,000 and has a capacity of 200,000 pounds of milk a day.

Dairy Industry is Growing

Dairying in this section is still in its infancy, but already the beneficial results have become apparent in the general improvement of agricultural conditions. Farmers and business men of the town knew there was something wrong for yields were decreasing and each year were becoming more certain. This condition was, of course, reflected in the business of the town. Something had to be done and the farmers and city men finally came to the conclusion that the building up of a dairy industry offered a solution to the problem. A public program of education to direct the thought of that part of the state to the possibilities of dairying was begun about seven years ago. One of the notable events of this campaign was a trip made to Wisconsin by 170 farmers in a special train of six Pullmans in the summer of 1919. Before this the movement had obtained enough support to make the condensery a possibility. It was apparent that there was much to learn about the dairy business. A community cannot expect to jump into dairying in the most profitable way all at once. There were too few cows. The farms lacked proper equipment and the proper feeding, and management of dairy animals had to be learned by the many beginners in the business.

One of the first problems of the beginner in dairying was the delivery of milk to the condensery. The 5,000 cows pledged were distributed over a

large number of farms. On many of these only five or six cows were milked. In the aggregate there was enough milk produced to keep the condensery going, but the man milking only a few cows did not have milk enough to warrant his making a special trip to deliver it. Milk for condensing purposes must be delivered quickly and in the best condition possible. Only fresh, sweet, clean milk can be used. Co-operative hauling seemed to offer the only solution and since the routes were of necessity long, the men who undertook the job of hauling milk naturally turned to motor trucks as the only means of transportation that would cover the long distances to be traveled quickly enough. The distances traveled with these trucks vary from 20 to 40 miles for the round trip.

Only about 25 per cent of the milk received at the Fort Scott condensery is delivered by the farmers producing it. Almost 75 per cent of the milk, or approximately 45,000 pounds daily at the present time, is delivered by trucks. The ton truck is the most popular size. The usual method in establishing a truck route was for some farmer having considerable milk of his own to deliver to canvass the route and obtain enough patrons to warrant the purchase of the truck. The charge for hauling was from 20 cents to 35 cents a hundred pounds, depending on the distance. Operators of trucks have increased the profits and very materially relieved the local freight situation by hauling return loads of freight to farmers along the route and to the smaller towns of the county. Merchants in the small towns are now depending quite largely on the trucks for hauling their merchandise from the distributing houses.

How Good Roads Helped

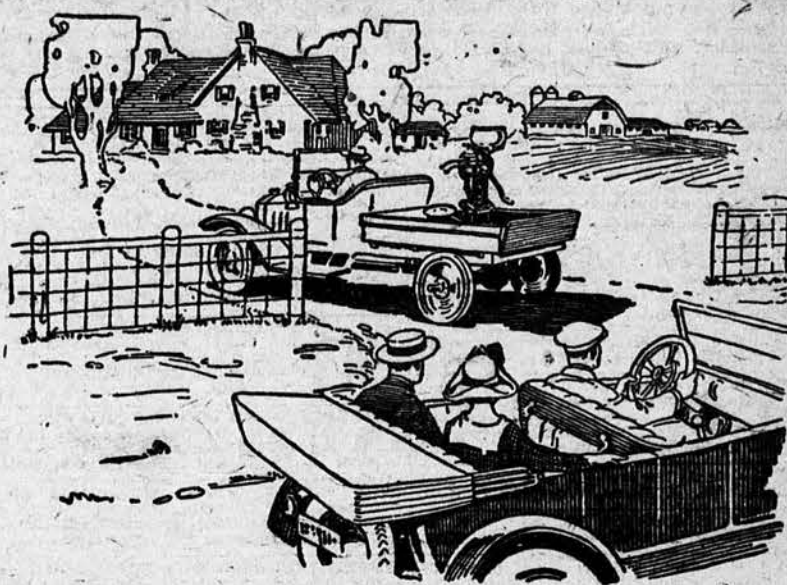
Good roads are essential to successful truck operation. Bourbon county always has been strong for good roads. There are several rock roads radiating out from Fort Scott and an extensive road building program is now under way. The drivers of milk trucks have experienced some difficulty on the dirt roads during muddy spells, but on the whole the truck service has been most satisfactory and most of the drivers have been able to cover their routes every day in the year.

In commenting on the part the truck has taken in developing the dairy business in the territory tributary to Fort Scott, C. F. Miller, president of the Holstein corporation, says:

"The trucks and good roads are very necessary to the support of the condensery. They are important links in the chain of dairy development that has been started in Bourbon county. Some truck owners live in Fort Scott and go out every morning, carrying their loads of freight and return with the milk, but most of the trucks are operated by men living out on the end of their routes. Their work is usually completed shortly after noon and in most cases the truck routes have been good paying business propositions. It looks as if they would continue and increase in numbers as the milk industry increases."

Dairy farming is doing much to increase the returns from the farms of Kansas.

It's a New De Laval



Many new De Lavals will be delivered to farmers this summer, and they will soon pay for themselves.

In fact, De Laval Separators pay for themselves many times over; and as the number of cows increases, it pays to buy new, up-to-date De Lavals of larger capacity.

The local De Laval agent will gladly take a new separator out to your place, set it up, and let it prove by its performance that it skims clean and is easy to turn and easy to clean, even under unfavorable conditions.

A new De Laval will pay for itself in a few months because of the cream it saves—and besides it saves labor and time.

If a demonstration is wanted, call the local De Laval agent. If you do not know him write nearest office

The De Laval Separator Co.

165 Broadway
NEW YORK

29 East Madison Street
CHICAGO

61 Beale Street
SAN FRANCISCO

It Grows With The Herd

Four bowls of 450 to 1050 lbs. capacity fit the same frame. Simply change bowls as your herd grows, instead of buying a new separator. That's why dairymen of foresight insist on having the

Milwaukee **SANITARY CREAM SEPARATOR**

Every machine tested with whole milk. Result of test shown in ironclad guaranty issued with machine.

Fewer discs—unnumbered, interchangeable. Made of aluminum, easily cleaned. No pockets or holes to accumulate dirt. Separator saves time, runs easy, skims cleaner. Made for hand, electric motor, gas engine or line shaft drive.

Ask your dealer or write us, giving his name.

TOWNLEY METAL & HWD. CO., Dept. A, Kansas City, Mo.



BOYS This Is Your Opportunity to Get a Watch Free.

Every boy longs for a real, sure-enough watch. Here is an opportunity for every boy to get one free. The watch has American movement and is guaranteed. Given free for distributing only 10 beautiful patriotic peace pictures on our special offer. Fill in coupon or send postcard and just say "I want one of your watches. Send 10 pictures as per your offer."

R. Mack, Dept. 6, Topeka, Kansas

Send me 10 patriotic pictures in colors to distribute on your special watch offer.

Name.....

Address.....



Stem
Wind
Stem
Set

Real Estate Market Place

Real estate advertisements on this page (in the small type, set solid and classified by states) cost 65 cents per line per issue. Send check, money order or draft with your advertisement. After studying the other advertisements you can write a good one and figure the cost. About six words make an agate line. Count initials and numbers as words.

There are 7 Copper Publications totaling over a million and a quarter circulation and widely used in this advertising. Ask us about them.

Special Notice

All advertising copy discontinuance or change of copy intended for the Real Estate Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication.

KANSAS

ALL KINDS OF FARMS for sale by Parsons & Stewart, Fredonia, Kansas.

WHEAT, corn and alfalfa farms, all sizes. Theo. Voeste, Olpe, Lyon Co., Kansas.

SMOOTH, inexhaustible underflow irrigation land. Carl Erbebo, Garden City, Kansas.

160 A. IMP., \$85 a. Many alfalfa farms for sale. M. T. Spong, Fredonia, Kan.

80 ACRES highly improved, \$80 acre, best of terms. W. J. Poire, Westphalia, Kan.

BEST FARM BARGAINS for sale in S. E. Kan., by Meyer & McCabe, Fredonia, Kan.

GOOD FARMS 80 to 125 acres. Call or address O. C. Paxson, Meriden, Kansas.

WANT TO BUY your Western Kansas wheat land, for cash. Layton Bros. Land & Inv. Co., Salina, Kansas.

IF YOU WANT to buy, sell or exchange your farm, write W. T. Porter of the Kansas Land Company, Ottawa, Kansas.

BARGAIN—320 a. pasture land, eight miles of Spearville, \$20.00 acre. Other bargains. E. W. Moore, Spearville, Kansas.

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

CLOVER, timothy, bluegrass and alfalfa land, cheapest in state, exchanges made. Clark Realty Co., Garnett, Kansas.

700 A. improved Arkansas Valley 240 under irrigation. 350 a. cultivated, \$80. Terms. Templeton & Johnson, Spearville, Kansas.

CARY & HOARD, Real Estate Exchange and Loan Agent. Ranches a specialty, sold on commission. Phone 18, Anthony, Kansas.

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

560 A. IMP. STOCK ranch. Sell on terms. Exchange for smaller improved farm near High School town. A. E. Clark, Codell, Kan.

200 ACRES, 3 miles to Council Grove. Well improved, county road, \$75.00 per acre. Send for list. S. L. Karr, Council Grove, Kan.

WE DON'T OWN THE WORLD, we sell it. Write for farm list and pictures. Kansas Land Company, Ottawa, Kansas.

WRITE for our free list of eastern Kansas farms and ranches for sale. The Eastern Kansas Land Co., Quenemo, Kan.

HAMILTON AND STANTON county lands, \$8 up. Write me your wants. Tomson, Syracuse, Kansas.

BARGAINS. Bargains in wheat farms and stock ranches. Write for list. W. E. McAdams, Brewster, Kansas.

BARGAINS In Western Kansas wheat and alfalfa lands. THE BROOKE LAND & LOAN COMPANY, Winona, Kansas.

320 A. SUMNER CO. 3 mi. Caldwell. Stock and grain farm, large buildings. Rich black soil, fine neighbors. Price \$34,000. Fuller, Wichita, Kan.

LAND FOR SALE 283 acre farm, well improved, in Ellsworth County, \$75 per acre. F. D. Sperry, Ellsworth, Kansas.

480 ACRES, all fine smooth, rich tillable land, black soil, no rock, 2 sets buildings, 1/2 mile town, only \$85 per acre. Easy terms. Sowell Land Co., Garnett, Kansas.

20 CHOICE QUARTERS, unimproved level grass land, in Wichita county, Kansas. Priced to sell. Write Jas. H. Little, The Land Man, La Crosse, Kansas.

160 ACRES, 4 miles from town. Good 7-room house, new barn, other outbuildings; 90 acres in cultivation, balance grass. Price \$85 per acre; terms. Le Roy Realty Co., Le Roy, Kansas.

WHEAT LAND! 320 acres Scott County, Kansas, 7 miles town, all smooth, 90 cultivation, balance grass, no improvements. Priced for quick sale at \$25.00 per acre. Write for list and Map. Mansfield Investment & Realty Company, Healy, Kansas.

Two Farm Bargains on Terms 251 acres 7 miles of Ottawa, 3 miles of shipping point, fair improvements, 200 acres in cultivation, 51 acres rough pasture, \$95 per acre. \$4,000 will handle. 175 acres 6 1/2 miles of Ottawa. Good improvements and good land. \$130 per acre. \$4,000 down, a long time on balance. Possession of these farms to be had within thirty days. J. T. Printy, Ottawa, Kansas.

A Real Bargain 160 acres 3 miles of Waverly, 2 1/2 of Agriola, 40 acres wheat, 50 acres oats, 10 acres alfalfa, 35 acres timothy and clover, balance prairie and blue grass pasture, well watered, lays smooth, best of limestone soil, 1 mile of school. Good house of 6 rooms, new barn 36x44 ft., smoke house, hen house, etc., all in good repair, telephone and rural mail. Price \$110 per acre with best of terms. GEO. M. REYNOLDS, WAVERLY, KANSAS.

KANSAS

QUARTER SECTION, \$4,000. 3 miles from town. 60 acres in crop. All level fine land. Easy terms. Griffith & Baughman, Liberal, Kansas.

152 ACRES, Grain, Stock or Dairy; 70 acres creek bottom, adjoins Chanute. Kan. Big oil and gas town. Other bargains. Byrd H. Clark Investment Co., Erie, Kansas.

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

FOR SALE—Well improved farms in Franklin Co., Kan. Good farm lands in West Kan. \$20 to \$40 per acre. Ask J. M. Stewart, Hutchinson, Kan.

FOR SALE—Improved wheat and alfalfa farms near Chanute, Kansas, many with oil and gas royalties. See or write E. H. Bideau, Chanute, Kansas.

WRITE FOR PRICES and list of farms in the corn, wheat and alfalfa belt of Northern Kansas. Enderud & Tate Real Estate Co., Seaside, Kansas.

LANE COUNTY FARMS, priced \$25.00 to \$40.00 per acre, wheat making 40 bushels per acre. Write for list. W. V. Young, Dighton, Kansas.

A FINE SECTION Handy town, well improved, timber, water and alfalfa land. Price \$37.50 per acre, good terms. Write for land list. Justin T. Avery, Traer, Decatur Co., Kansas.

160 ACRES VALLEY LAND only 1 mile from county seat. Lays fine, good improvements, beautiful home, possession this fall. \$125 per acre. D. O. Gifford, Burlington, Kan.

440 ACRES SMOOTH LAND Rich limestone soil, 2 sets of good buildings, 5 miles town, good water and timber, \$80 per acre. T. B. Godsey, Emporia, Kansas.

160 ACRES, 2 1/2 mi. from Lenora. 70 acres alfalfa land. Improved, \$40 per acre. Good terms. Special bargains in wheat land. Write for list. J. H. Brotemarkle, Real Estate, Lenora, Norton Co., Kan.

120 ACRES, 9 miles Ottawa, 2 1/2 good town. Good improvements, land lays well, well watered. Possession fall. \$100. Write for list. Dickey Land Co., Ottawa, Kansas.

FOR SALE—Three quarter sections including oil rights—no waste land, no rock, no timber—12 miles northeast Eldorado, Kansas. \$50 per acre. F. V. Potts, Owner, 700 Limit Ave., St. Louis, Mo.

310 ACRES, 6 miles of Ottawa, Kansas, on state highway, has good sets of improvements, fine location. Real bargain for \$110 per acre. Good terms. Write for booklet. CASIDA, CLARK & SPANGLER, Ottawa, Kansas.

7 ACRE tract 2 mi. from town, on new Santa Fe Trail. 4 room house, good barn and large chicken house. Lays level, and well located. Priced at \$2,000. For quick sale. Don't delay, write G. L. Hettick, Williamsburg, Kan.

WHEAT AND ALFALFA LAND For sale, 320 acres, well improved, close to town, price \$85 per acre. 160 acres well improved, four miles to town, price \$60 per acre. Write for list. W. H. Vanecko, Olpe, Kansas; C. H. Madison, No. 1 Market St., Emporia, Kan.

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.

80 ACRES Osage County, Kansas, 4 1/2 miles town, 40 acres farm land, 10 acres alfalfa, 10 acres prairie hay meadow, 20 acres bluegrass pasture, 6 room house, barn 36x42, other buildings, close to school and church. Price \$7,000, \$1,500 cash, balance 6%. The Eastern Kansas Land Company, Quenemo, Kansas.

280 ACRES, 1 1/2 miles from good town. 50 a. bottom land, 40 a. upland in cultivation. 190 a. extra good pasture with running water. Some alfalfa. Good 7 room house. Good barns. 40 a. hog tight. Good High School and church privileges. An extra good all around little ranch and home. Terms to suit. Box 113, Lafontaine, Kan.

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SPLENDID DAIRY FARM, 160 acres, 5 mi. town, well improved, good water, good soil, lays well, all tillable, 20 a. alfalfa, 65 a. cult., bal. fine bluestem grass, bargain at \$65 an a. For list of best Grain, Alfalfa and Dairy farms on earth at prices that will make you big money. Write E. B. Miller, Admire, Kan.

FOR SALE The best farm and stock proposition in Kansas, 950 acres in all. About 360 first bottom, balance bluestem pasture with running water. Fully equipped for purebred stock including a sale barn. Natural gas in house and hog barns. Only 2 miles out. Cash rental value \$7,000 per year. Price for short time \$100,000.00. Write owner. A. J. SCHIMPF, Burns, Kansas.

KANSAS

240 ACRES, 3 miles town, 35 acres alfalfa, all fine land, well improved, \$24,000.00. Mortgage only \$6,000. Equity for general store. Box 33, Thayer, Kansas.

640 ACRES WICHITA COUNTY KANSAS. All smooth; all joining; 3 1/2 miles from county seat; 5 miles from railroad shipping point. Fenced; abundance of sheet water; small frame house; stabling and other outbuildings. Splendid proposition. Can give possession at once. For price and terms address D. F. CARTER, Leoti, Wichita Co., Kansas.

OWN A HOME IN EASTERN KANSAS Wheat, corn, clover, alfalfa land. Ottawa, the County seat, Franklin Co., 10,000 population. University, excellent schools, manufacturing interests, mill, creamery and condenser. Fine location. Buy now. Write for Free Booklet and new list No. 457. Farms and City Property for sale. Mansfield Land & Loan Company, Ottawa, Kan.

SPECIAL SALE 880 acres of alfalfa land in the beautiful Republican River valley; two miles from the most thriving little city in the world, containing the best equipped County High School in Kansas, for quick sale \$60 per acre. We have other great bargains. Dowling & Williams, Law-Land-Loan-Insurance Co., St. Francis, Kansas.

LANE CO. LANDS. Harvest is practically over here, wheat making from 15 to 40 bu. 60 lbs. and better wheat, other crops good. Farms of this quality for sale at from \$20 to \$30, some ready for wheat again. Improved places in proportion. A few extra snaps in each kind. See me at once or write for information regarding them. C. N. Owen, Dighton, Kansas.

172 ACRES, Lawrence, Kansas, 1 1/2 miles Fort to Fort road, 150 tillable, 60 hog-tight, 10 alfalfa, 12 prairie meadow, 40 corn, 45 pasture; 3/4 corn, 1/4 hay and all pasture goes. 50 for wheat, possession of buildings at once. 7 room house, barn 20x60, granary, machine shed and shop 40x40, improvements good. Everlasting spring water piped to barn. Price \$21,500, incumbrance \$6,000, interest 6%. Hoffer Investment & Mortgage Co., Lawrence, Kansas.

MISSOURI VALLEY FARMS—Fruit and berry farms. Write, Chambliss & Son, Anderson, Mo.

LISTEN! Well improved 60 acres, nice house, \$2,500, \$600 down. McGrath, Min. View, Mo.

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REAL HEREFORD FARM 528 Acres in beautiful Belton district, 25 miles south Kansas City; bluegrass, wheat, clover, alfalfa and corn; living water, substantial buildings; priced to sell. Mansfield Land & Loan Company Bonfils Bldg., Kansas City, Mo.

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320 ACRES 2 miles Oakwood, 140 cultivated, balance pasture, 80 acres under woven wire, 4 room house, stable, granary, orchard, on State Road, 3/4 mile school. Price \$8,500, terms on half. L. Pennington, Oakwood, Okla.

320 A. 3 1/2 miles from good R. R. City this Co. All bottom and second bottom land. 175 A. cult. 50 A. meadow. Bal. timber and pasture. Fair Imp. All crops good. \$50 per A. Terms. Southern Realty Co., McAlester, Oklahoma.

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DOWELL LAND CO., Walnut Ridge, Ark. Fine corn lands, easy terms, plenty rainfall.

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FLORIDA FREE FLORIDA FARMS—25 cents per month per acre buys any size farm. Money paid back to you from profits of sugar and stock farm. Only 400 acres more of prime land amount left. First applications take. Money returned too late to get allotment. Ideal American Corporation, Johnston, Ark.

MISSISSIPPI WRITE for free Mississippi map and list. Land Market, Box 848, Meridian, Miss.

Kansas Corn Crop is Safe

Wheat Yield Will be 150 Million Bushels

BY JOHN W. WILKINSON

WEATHER conditions in Kansas during the past week have been very favorable for all farm crops. Good rains fell Sunday night and Monday over a large part of the state, and good crops of corn and sorghum are now practically assured. Reports indicate that the wheat crop will be almost 150 million bushels. This is the second largest in the history of the state, being exceeded only by the crop of 1914 which yielded 160 million bushels. The car situation is not improved very much and threshed wheat is being put into bins and temporary storage until better shipping facilities are available. Many farmers have stacked their wheat and will thresh later when conditions are more favorable. A great deal of wheat is still in the shock and may be damaged considerably if much wet weather comes in August. Farm work is in a fairly satisfactory condition. J. C. Mohler in the weekly crop report of the Kansas State board of agriculture issued July 27 says: "With wheat harvest practically finished and threshing going forward rapidly, farmers are now turning their attention to the preparation of seed beds for wheat this fall. Soil conditions are very good although reported as somewhat dry in most parts. Corn and the sorghums are making excellent growth, the corn tasseling and silking in the eastern and central parts of the state. Rain was needed at the time county agents were making their reports, Saturday, July 24, and providentially more or less heavy rains have fallen since thruout the main portion, not all of the so-called corn belt, according to advice of the United States weather Bureau. Additional reports have been received showing that considerably more of the second crop of alfalfa than at first reported will be left for seed as farmers in Eastern Kansas were so completely engaged with wheat harvest and threshing in many cases that the second growth of alfalfa became farther advanced than best for hay. Prairie hay has been mostly cut in the principal hay sections. Pastures were beginning to get dry the latter part of the week before the rains came."

Local conditions of crops and farm work in the state are shown in the following county reports to the Kansas Farmer and Mail and Breeze:

Atchison—Threshing is in full progress. Wheat is averaging about 20 bushels an acre and oats from 20 to 40 bushels. Corn is tasseling and soon will need rain, although it is not suffering yet.—Alfred Cole, July 24.

Brown—Farmers are threshing. Wheat averages about 15 bushels an acre, and oats about 30 bushels. Corn is in good condition but needs rain. Pastures are poor. Moisture is needed for fall plowing. Elevators are full and will not buy wheat. Corn is \$1.50; wheat, \$2.40; oats, 65c; cream, 54c; eggs, 37c.—A. C. Dannenberg, July 23.

Clay—The dry, hot weather is drying up early upland corn. Late upland corn and bottom corn is still satisfactory. Shock threshing and stacking are nearly finished. Chinchbugs and grasshoppers are damaging corn and rough feed, which will be scarce on account of the lack of moisture. Livestock is doing well. New wheat, \$2.40; hogs, \$14.50; butterfat, 52c; eggs, 34c.—P. R. Forslund, July 24.

Cloud—Rain has fallen in most parts of county, but some sections still are suffering from drought. Pastures are good and alfalfa is making excellent growth. Some alfalfa has been cut the second time. Farmers are threshing grain from the shock and wheat is yielding better than they expected. Some fields will make more than 15 bushels an acre. Potatoes are in good condition but gardens are almost dried up. Some plowing is being done but the ground is very dry. Corn looks well but is small.—W. H. Plumly, July 23.

Edwards—Recent rains have been very beneficial to crops and pastures, but the extremely hot weather has been very hard on corn. Considerable plowing has been done. Wheat is making from 5 to 15 bushels an acre.—L. A. Spitz, July 24.

Elk—Weather has been excellent for farm work and growing crops. Threshing is in full progress and plowing has begun. Shipments of grass-fed cattle have started to market, and are bringing satisfactory prices. Wheat is \$2.20; oats, 65c; butterfat, 50c; eggs, 30c.—D. W. Lockhart, July 24.

Jackson—Little rain has fallen since July 13. Corn is not suffering yet although a rain would do it a great deal of good. Threshing is progressing rapidly. All grain elevators will be full in a day or two. Wheat is \$2.40 a bushel.—Earl Askew, July 24.

Leavenworth—Shock threshing is about half done. Wheat yields well and tests high. Corn prospects are the best in years. Pastures are good. Some plowing has been done for fall wheat. Flies are very bad.—George S. Marshall, July 23.

Linn—Weather is dry, but growing crops still are doing well. Some farmers are stacking but others are waiting for the machine so they can thresh from the field. Oats are making 30 to 40 bushels an acre, and wheat from 6 to 10 bushels. The heat and flies are hard on livestock. There is little demand for corn here. No sales of personal property or real estate have been made recently. Oil men still are getting good results. Potatoes sell for 6c; flour, \$3.25; corn, \$1.45; fries, 33c; hogs, \$14.—J. W. Clinesmith, July 24.

Marshall—Grain is cut and threshing has begun. Wheat is in good condition and yields as high as 40 bushels an acre. It tests as high as 63 pounds. Oats yields up to 60 bushels an acre. There are plenty of threshing machines here and threshing soon will be completed. Several small machines have been bought by individuals or small companies. Corn is laid by and is in excellent condition, although it is a little later than last year. Wheat sells for \$2.60; corn, \$1.80.—C. A. Kjellberg, July 16.

Neosho—We have had several rains this week. Corn is tasseling and prospects are good. Farmers have begun haying and are plowing for wheat. Threshing has started and oats are yielding well. Wheat grown on uplands is averaging from 3 to 10 bushels an acre, and some bottom land wheat yielded 20 bushels. Pastures are good. Fat steers sell from 8 to 10 cents; eggs, 33c.—A. Anderson, July 24.

Riley—Days are very hot but nights are cool. Farmers are threshing wheat. Some fields have yielded 35 bushels an acre, but the average yield is 20 to 25 bushels. It tests about 62 pounds. Corn looks all right yet, but will need rain soon to make good grain. Some silos are being built. Pastures are getting dry. Grasshoppers are very bad in corn fields. Very little plowing has been done, as the ground is too hard and dry.—P. O. Hawkinson, July 25.

Russell—Harvest is over and threshing has begun. Prices for threshing are 15 cents for headed grain and 18 cents for bundles. Wheat is turning out well, and has a good color. Corn looks good and is growing fast. Other spring crops also are making good growth. Farmers are raising a great deal of barley. We have had several showers recently, but more rain is needed for spring crops. Wheat has dropped 15 cents the past few days. Oats sell for \$1.30; eggs, 36c.—Mrs. M. Bushel, July 19.

Scott—Weather is very hot. Crops are in good condition although we have had no rain for a week. Threshing is progressing and the wheat yield is high. There is a good deal of volunteer wheat which is making from 18 to 29 bushels an acre. Some plowing for wheat is being done. Stock is in good condition but not much has been shipped lately. There is a great deal of grass going to waste.—J. M. Helfrick, July 24.

Wabunsee—Farmers were very busy until the past few days. After harvest was finished it was time to cut alfalfa and do some late cultivating. Threshing is now in progress. Some communities are thru but there is a great deal of harvesting yet to be done in the county. Wheat and oats are of a good quality.—A. H. Reynard, July 24.

Washington—Dry, hot weather still continues. All vegetation growth is being retarded. Threshing is progressing well and a great deal of grain has been stacked. Corn is tasseling and needs rain badly. Threshers are charging 10 cents for oats and 12 cents for wheat. Eggs are worth 32c; butterfat, 50c; new wheat, \$2.50; oats, 65c.—Ralph B. Cole, July 23.

Wilson—Wheat is averaging about 10 bushels an acre. Oats are yielding very well. Corn is satisfactory but is beginning to need rain. Chinchbugs are bad. Farmers are raising practically no hogs and few cattle. Pastures are good. Our work hours are from 6 a. m. to 8:30 p. m.—S. Canty, July 24.

Woodson—We have been having some good rains and corn is growing very satisfactorily. It is tasseling and silking. Threshing is about half finished. Oats are turning out well and yields from 35 to 60 bushels an acre. Wheat is satisfactory. Hay baling is progressing slowly because it is so cloudy. Alfalfa soon will be ready to cut for the third time. Early kafir is beginning to head. Some plowing is being done.—E. F. Opperman, July 24.

The Grain Market Report

BY SANDERS SOSLAND

Enormous production of feed crops over the entire United States and in the Southwest particularly is tempering bullish sentiment on markets. Many observers of the feedstuffs trade who in earlier weeks foresaw a repetition of the upward price movement of the past crop year on the new harvest now manifest some skepticism as to such a trend. The excellent condition of pasturage, the large outturn of oats and barley, the probability of near record harvests of corn and sorghum grains in the Southwest, and the absence of drought over the range territory of the West provide the basis for the skepticism. The strained credit situation is another powerful influence operating against a bull market for feedstuffs.

Abundance of Feed

Unless weather conditions change the remainder of the summer and a dry spell overtakes some section, feed markets will not share the enormous buying of recent years. At least, the buying will not be as great compared with the volume of feed available for commercial channels. Pastures are not only providing an abundance of feed for stock, but are increasing the surplus available for markets later in the season. With a corn crop which conservative investigators now say will make 3 billion bushels, an oats yield of 1,322,065,000 bushels, 193,090,000 bushels of barley, and 122½ million bushels of sorghum grains, practically all of which will be gathered in the Southwest, there is probably a superabundance of feed. Even the flaxseed crop outlook is highly encouraging, with a possible yield ahead of 14,398,000 bushels, compared with only 8,919,000 bushels as the final outturn a year ago. This means more domestic linseed cake and meal. Also, there is an enormous crop of alfalfa, prairie and tame hay in the country. Nor should the trade overlook the thousands of tons of bran and shorts which will be available from the wheat harvest.

Wheat Trade is Firm

The tinge of bearishness apparent in the feedstuffs market is not noticeable in the wheat trade. Prices are being sustained surprisingly well for this period of the year. Marketing of wheat usually becomes burdensome late in July and the fore part of August, when

prices often reach their low point. Only slight recessions have thus far occurred, and what usually is a burdensome movement is being readily absorbed at the present time. Gains of as much as 5 cents a bushel occurred the past week, tho the market as a whole shows little change. Hard winter and dark hard sold at a range of \$2.70 to \$2.86 a bushel, and red winter around \$2.65 to \$2.80.

One of the extensive handlers of wheat in Kansas City in a market letter to the country trade makes the statement that "it looks as if the car situation is going to be the dominating feature again this year regardless of the amount of wheat produced." This dealer some weeks ago made the assertion before the writer that unless the car situation improves remarkably in the next few months a \$4-market for wheat will result. He still adheres to this view. Of course, the foreign demand is the vital demand force. It is privately estimated that approximately 10 million bushels of wheat were taken by foreigners the past week. In Kansas City, however, mill demand was more active than export buying, and it is known that millers of the Northwest are bidding in close competition with local trade for Kansas wheat. Large quantities of Kansas wheat are now moving to Minneapolis instead of to Kansas City.

Oats Show Declines

Corn and oats are moving in an opposite course, the leading coarse grain showing signs of having reached the bottom for the present with a definite upturn in sight, while oats continue the readjustment process to a new crop basis. Within the past month oats have declined more than 30 cents a bushel, the fancy white oats now selling around 90 cents a bushel having been available late in June around \$1.20 or even higher. Mixed oats the past week sold down to 75 cents a bushel. Carlots of corn gained about 4 to 5 cents a bushel, with the extreme range of sales at \$1.45 to \$1.65.

The spread in price between bran and shorts has widened to \$13 a ton, an abnormal difference. Shorts provide the strength and bran the weak force in the market. Excellent pasturage and abundance of alfalfa are telling in the consumptive demand for bran, while pigs continue to absorb the entire offerings of shorts. But hog feeders are turning to substitutes, buying barley feed, for instance, tho this trade has not yet reached a volume sufficient to depress the wheat offal. Bran is available in Kansas City around \$46 a ton for spot offers, \$44 to \$45 for August and September shipment. Spot gray shorts will bring \$59 a ton readily, and possibly \$60 to go to the country.

Prairie Hay Advances

A firmer tone has developed in the hay market, due more to a shrinkage in the movement than to any broadening demand. Prairie hay scored a slight gain, about \$1 a ton, selling around \$13.50 to \$18 a ton. Farmers are hesitant in disposing of their hay on a basis of the terminal market value, asserting it is below cost of production. The best grades of alfalfa are selling around \$27.50 to \$28.50, and the cheapest offers down to \$15. Tame hay is bringing \$15 to \$27.50. Demand is coming from a widely scattered territory, no section being conspicuous in the buying.

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

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

WE HAVE two good six apartment solid brick apartments of 5 rooms and bath each; total yearly rent \$5,200. Will give one a good deal for Western land. For full particulars write James B. Welsh Realty and Loan Co., 201 Lathrop Bldg., Kansas City, Missouri.

FOR SALE OR TRADE—Fifty head of Registered Hereford cattle. Twenty-two head of four and six year old cows, eleven calves and side, others will calve this fall. Nine and yearling heifers, some sired by sons of Domino and Generous 5th. All richly bred and marked. These cattle are guaranteed in every respect. Will consider good Central Kansas Land. Hansen Brothers, Lock Box 41, Auline, Kan.

REAL ESTATE WANTED

WANTED—To hear from owner of farm for sale. W. Booth, Hipark, Des Moines, Iowa.

HAVE CASH BUYERS for salable farms. Will deal with owners only. Give description and cash price. Morris M. Perkins, Box 376, Columbia, Mo.

FARMER'S 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.

TABLE OF RATES

Words	One time	Four times	Words	One time	Four times
10.....	\$1.20	\$4.00	26.....	\$3.12	\$10.40
11.....	1.32	4.40	27.....	3.24	10.80
12.....	1.44	4.80	28.....	3.36	11.20
13.....	1.56	5.20	29.....	3.48	11.60
14.....	1.68	5.60	30.....	3.60	12.00
15.....	1.80	6.00	31.....	3.72	12.40
16.....	1.92	6.40	32.....	3.84	12.80
17.....	2.04	6.80	33.....	3.96	13.20
18.....	2.16	7.20	34.....	4.08	13.60
19.....	2.28	7.60	35.....	4.20	14.00
20.....	2.40	8.00	36.....	4.32	14.40
21.....	2.52	8.40	37.....	4.44	14.80
22.....	2.64	8.80	38.....	4.56	15.20
23.....	2.76	9.20	39.....	4.68	15.60
24.....	2.88	9.60	40.....	4.80	16.00
25.....	3.00	10.00			

RELIABLE ADVERTISING

We believe that every advertisement in this department is reliable and exercise 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 reach the buyer unbroken or 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 intended for the Classified Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication.

EMPLOYMENT

WANTED—CHORE MAN 50 TO 60 YEARS old, handy with tools. State wages desired. J. H. Taylor & Sons, Chapman, Kan.

DISTRICT MANAGERS WANTED FOR farm territory. Farmers Accident and Health, unrestricted policies. Old Line Co. Great Western Accident Ins. Co., J. F. Goring, Topeka, Kan.

RAILWAY TRAFFIC INSPECTORS EARN from \$110 to \$200 per month and expenses. Travel if desired. Unlimited advancement. No age limit. We train you. Positions furnished under guarantee. Write for booklet CM 17. Standard Business Training Institute, Buffalo, N. Y.

DON'T WASTE YOUR SPARE TIME—IT can be turned into money on our easy plan. We have a splendid offer for ambitious men or women who desire to add to their present income, and will give complete details on request. Simply say, "Tell me how to turn my spare time into dollars" and we will explain our plan completely. Address, Circulation Manager, Capper Publications, Topeka, Kan.

SALESMAN

WANTED—MEN OWNING RIG OR AUTO to sell well-known line lubricating oils, house paints, barn paint, and roofing materials direct to farmers. Commissions paid weekly. Special monthly bonus paid on sales. Old reliable concern selling farm trade for years—financially responsible and standing back of every material sold. Write us today for our complete sales proposition. Central Petroleum Co., Cleveland, Ohio.

SELL THE BEST NURSERY PRODUCTS in America. Our line includes finest fruit trees, plants, ornamental shrubs, etc. All or part time. Liberal commissions paid each week on all orders. Our feature product makes sales easy and cannot be obtained from your competitors. Big advertising campaign and attractive literature helps you get leads and close orders. Established 50 years. Best bank reference. Our 35 salesmen all making big money. Write today for our liberal offer. Mount Hope Nurseries, Lawrence, Kansas.

BUSINESS OPPORTUNITIES

FOR SALE—VETERINARY PRACTICE and property, 3 acres improved joining town. R. S. Martin, Mount Hope, Kan.

MAKE YOUR MONEY WORK FOR YOU. 8% preferred stock payable quarterly in conservative staple Chicago business. High grade Illinois Corporation. Sold in amounts of \$250 and up. Write today. W. Jackson & Co., 189 N. Clark St., Chicago, Ill.

FINE 160-ACRE CREEK BOTTOM FARM for rent, don't overflow, 85 acres in cultivation, five room house, 3 miles from Bartlesville, Okla. Will furnish seed, rent for one half. Don't answer unless you have teams, etc. Also 120 acres pasture can be had with above if wanted. Address A. S. Eby, Bartlesville, Okla.

A GOOD BUSINESS WITHOUT CAPITAL, new, honorable, true and straight; worthy of investigation. Turn it over and under, inside out, up side down, a clean high class business, prove it out for yourself. George Welles Moseley, Newburgh, N. Y.

HANDLE MORE BUSINESS? ARE YOU getting all the business you can handle? If not get big results at small cost by running a classified ad in Capper's Weekly. The Great News Weekly of the Great West with more than a million and a half readers. Sample copy free for the asking. Only 12c a word each week, 10c per word on four consecutive orders. Send in a trial ad now while you are thinking about it. Capper's Weekly, Topeka, Kan.

PUT YOUR BUSINESS BEFORE MORE than 1,000,000 farm families in the 16 richest agricultural states in the Union by using the Capper Farm Press. A classified advertisement in this combination of powerful papers will reach one family in every three of the great Mid-West, and will bring you mighty good results. The rate is only 6c per word, which will give you one insertion in each of the five papers, Capper's Farmer, Kansas Farmer and Mail and Breeze, Missouri Ruralist, Nebraska Farm Journal, and Oklahoma Farmer. Capper Farm Press, Topeka, Kansas.

BUSINESS OPPORTUNITIES

FOR SALE—HARDWARE AND IMPLE-ment stock. Also buildings. About \$8,500 will handle entire deal. C. D. Jenkins, Owner, Liberty, Kan.

SERVICES OFFERED

PLEATINGS—MRS. M. J. MERCER, 800 Topeka Ave., Topeka, Kan.

AUCTIONEERS MAKE BIG MONEY; 67 paged annual free. Mo. Auction School, Kansas City, Mo.

PHONOGRAPH RECORDS AND PIANO rolls exchanged. Old for new. Fuller, Wichita, Kan.

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

TOBACCO OR SNUFF HABIT CURED OR no pay. \$1 if cured. Remedy sent on trial. Superba Co., Sy. Baltimore, Md.

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

KODAK FILMS DEVELOPED, 10c ROLL. Same day service. Hi-glossy prints, 3c each. All sizes. Say how many. Gilliam's Photo Shop, Box 1044, Kansas City, Mo.

VEIL MATERNITY HOSPITAL FOR young women before and during confinement; private; terms to suit; babies adopted free. Mrs. C. M. Janes, 15 W. 31st, Kansas City, Mo.

FAIRMOUNT MATERNITY HOSPITAL for confinement; private, prices reasonable, may work for board, babies adopted. Write for booklet. Mrs. T. B. Long, 4911 East 27th St., Kansas City, Mo.

INVENTORS WRITE FOR OUR ILLU-trated 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., 225 Ninth, Washington, D. C.

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

FOR SALE

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

WRITE FOR DELIVERED PRICES ON cedar posts. Pay after unloading. J. B. Overton, Sagle, Idaho.

BUY YOUR LUMBER AT SAWMILL. WE sell direct to consumer. Write us your wants. Boles and Shelton, Pangburn, Ark.

FOR SALE—CONDENSED BUTTERMILK in barrels. We pay the freight on 2 or more barrels. Logeman's Market, Atchison, Kan.

BEVERAGE SUPPLIES—BOTTLES, crowns, crowners, etc., write for prices. Western Bottle Co., 1808 Campbell, Kansas City, Mo.

FOR THE TABLE

"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.

TRACTORS

FOR BULL TRACTOR PARTS WRITE, S. B. Vaughan, Newton, Kan.

ONE-TON FORD TRUCK, PRACTICALLY new. C. F. Haur, Halstead, Kan.

1920 UNCLE SAM 20-30 TRACTOR WITH 4-bottom Oliver Plow. Used slightly for demonstration. Louis C. Rohlfing, Lawrence, Kan.

FOR SALE OR TRADE FOR CATTLE, Waterloo Boy tractor and three-bottom power lift Deere plow, in good shape. W. M. Nye, Harper, Kan.

FOR SALE—24-36 NILSON SENIOR Tractor, LaCrosse four-bottom and six-disc plows, Junior Red River Special Grain Separator. All in good condition and priced to sell. J. F. Poos, Easton, Kan., Route 1.

BE SURE AND READ YOUNG'S TRACTOR ad in July 3rd issue. It's worth your while.

ONE 15-30 ROYER TRACTOR AND 4-bottom plow, \$500. Quick sale. Paul J. Fife, Nickerson, Kan.

CLOSING OUT SALE. NEW AND USED Fordson Tractors at bargain prices. Chas. H. Daenzer, Sterling, Kan.

FOR SALE—12-25 Case tractor, four-bottom Grand Detour plow. Used two seasons, \$1,000. C. H. Prothe, Paola, Kan., Route 9.

MACHINERY

CASE 36 SEPARATOR, \$400. DALE, Coldwater, Kan.

WRECKING HART-PARR 60, REO FIFTH. Dale, Coldwater, Kan.

JOHN DEERE 10-BOTTOM PLOW. J. H. Baumgartner, Halstead, Kan.

FOR SALE—RUMELY SEPARATOR nearly new, \$1,000. Ralph Poland, Chapman, Kan.

FOR SALE—ONE 30-INCH BUFFALO Pitts Separator. First class running order. Campbell Motor Co., Miltonvale, Kan.

STEEL FRAME, 34-56 SEPARATOR, ALL attachments, \$475. S. B. Vaughan, Newton, Kan.

NO. 7 BIRDSELL ALFALFA HULLER IN running order for sale or trade for good car. S. A. Long, Geneseo, Kan.

FOR SALE—STEAM THRESHING OUT-fit, 16 horse engine, 33-52 separator with self feeder, wind stacker, and weigher; also 12 bbl. water wagon. Gar Scott & Co. make. Warren Watts, Clay Center, Kan.

MACHINERY

FOR SALE OR TRADE—OAKLAND TOUR-ing car. Will make a fine truck. Address F. R. S., care Mail and Breeze, Topeka, Kan.

FOR SALE—A VERY ELEVATOR, weigher, and swinging conveyor complete. No. 1 shape, also 10-20 Titan Tractor; also 12-25 Bull Tractor, excellent shape, priced for quick sale. Wakefield Motor Co., Wakefield, Kan.

WE SPICE RUBBER BELTS LIKE FAC-tory job, make light thirty-foot extension feeders, rebore cylinders and turn pistons. Call for Supply Catalog. Richardson Machine Shop, Cawker City, Kan.

CORN HARVESTER—ONE MAN, ONE horse, one row, self gathering. Equal to a corn binder. Sold direct to farmers for twenty-three years. Only \$23, with fodder binder. Free catalog showing pictures of harvester. Process Corn Harvester Co., Salina, Kan.

FOR SALE—ONE 20-40 CASE TRACTOR, new July 1st, 1919; one 32-54 Avery Separator complete with drive belt, will take less than what tractor cost for the rig. Also two Reo Trucks; one 1918 model Buick; and one 1920 Dodge Touring car. James Blackmore, Route 5, Larned, Kan.

MOTOR CYCLE BARGAINS

USED AND REBUILT INDIANS, EXCEL-sors, Harleys, overhauled and tested by experts. Guaranteed and shipped on approval. We save you big money. We furnish bank references. Send a stamp for free list. Floyd Clymer, Dept. 9, "Largest Motorcycle Dealer in Western America," Denver, Colo.

SEEDS

KANRED SEED WHEAT. J. H. TAYLOR and Sons, Chapman, Kan.

KANRED WHEAT SEED, \$3.25 PER bushel. A. Pitney, Belvue, Kan.

STRICTLY PURE INSPECTED KANRED Seed Wheat. Fort Larned Ranch, Frizell, Kan.

FOR SALE—CHOICE TIMOTHY SEED, \$10.25 per hundred, bags free. Geo. Bowman, Concordia, Kan.

THE BEST WHEAT FOR SOUTHEASTERN Kansas. Fifty experiments for five years by Agricultural College prove Fulcaster the highest yielding wheat in that territory. Address Avery Malone, County Agent, Ft. Scott, Kan.

ALFALFA SEED, 85% PURE, \$10 PER bushel track Concordia. Send for sample. Geo. Bowman, Concordia, Kan.

GUARANTEED HIGH GERMINATING alfalfa, \$12.50 bushel; Sweet Clover, \$15.50; Red Clover, \$27. Sacks free. Rye, \$2.50. Liberty bonds accepted at par. Meier Seed Co., Russell, Kan.

TOBACCO

KENTUCKY HOMESPUN TOBACCO, 10 pounds, \$2.75; 20 pounds, \$5. Rufe Veal, Jonesboro, Arkansas.

TOBACCO—HOME MADE, RED AND dark leaf, 2 pounds \$1; 10 pounds \$4.50; 100 pounds \$40. Mild smoking, 3 pounds \$1; 10 pounds, \$3; 100 pounds \$25, prepaid. Satisfaction guaranteed. U. O. Parrish, Holstein-Duroc Farm, Route 8, Union City, Tenn.

PET STOCK

PEDIGREED FLEMISH GIANTS, RUFUS Red, New Zealand Red, breeding age and youngsters, bargain prices. John Sproell, McPherson, Kan.

LIVE STOCK COMMISSION FIRMS

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

POULTRY

ANCONAS

SHEPARD STRAIN ANCONA COCKER-els and Page hens. A. D. McGraw, Hope, Kan.

LEGHORNS

PURE BRED S. C. W. LEGHORN COCK-erels 4 months old, excellent laying strain, \$1.25 each. Lloyd Ringling, Sedgwick, Kan.

S. C. WHITE LEGHORN COCKERELS 4 months old, dandies. Best egg strains, \$1.25. W. F. Abels, Clay Center, Kan.

BABY CHICKS, PURE BRED LEGHORNS, Rocks, Reds, Orpingtons, Wyandottes, best laying strains, postpaid. Reduced prices. Catalog free. Missouri Poultry Farms, Columbia, Mo.

ORPINGTONS

PURE BRED BUFF ORPINGTON COCK-erels and pullets, May hatched \$1.40 each; \$15 per dozen. Mrs. Rosser Lively, Severance, Kan.

WYANDOTTES

PURE BRED ROSE COMB BUFF WYAN-dotte pullets and cockerels. March hatched \$1.50; old cockerels \$2. Mrs. Dora Cox, Madison, Kan.

PLYMOUTH ROCKS

PURE BRED WHITE ROCK COCKERELS, April hatched from winter laying hens, \$2.50. Frank West, Prescott, Kan.

POULTRY SUPPLIES

CHICKS WILL GROW TWICE AS FAST if you will keep Brooks Meat Mash between them at all times in hoppers, as it contains meat scraps, dried milk, and grain meal necessary for quick growth that are found in grain feeds. Hundreds of poultry raisers claim to have two and one-half times as many chicks in 8 to 10 weeks time using Brooks Meat Mash as a growing feed. If your dealer won't supply you, we will ship in 100-lb sacks only on cars here, 10 lbs. \$4.50 or 500 lbs. \$21.25. The Brooks Co. Mfgs., Ft. Scott, Kan.

THE BEST PRODUCTION FOR CHICKEN crows and hogs in the world is La-Mo-Pa Box 122, Kansas City, Mo.

POULTRY WANTED

URGENT DEMAND FOR HENS, BROOD-ers, non-fertile eggs. Coots and cackles loaned free. The Copes, Topeka.

PREMIUM POULTRY PRODUCTS CO., N. Kansas Ave., Topeka, buys poultry and eggs on a graded basis. We furnish cages and cases. Premium prices paid for all eggs and poultry.

The Livestock Market

BY SAMUEL SOSLAND

Improvement in the wool trade time to avert forced liquidation of many cattle and sheep is doubtful. While the Federal Reserve banks have made it possible for producers to withhold marketing of their wool to a large extent on the demoralized trade, the money thus absorbed is reducing that extent the supply of credit available for other interests requiring funds. There is a limit to the ability of the Federal Reserve banks to lend money.

World Must Have Wool

The mills of the American Wool Company, the country's largest manufacturer of woolen goods, are closed down. Dullness is reported in European markets, where the credit situation is as bearish on prices as here. The world, of course, must have wool. It is a necessity. While there are large supplies, it is highly probable that in time a re-adjustment to a somewhat better basis than the current uncertain levels will be reached in the trade. In this connection, however, it is well to bear in mind that bankers are expecting a condition of tightness in money to extend well into the late fall and possibly until the end of the present year. This does not augur well for an early resumption of wool buying on a large scale in time to permit banks of the West to obtain sufficient cash to enable them to modify their plans for the liquidation of cattle and sheep loans.

The months of August, September, October and November compose the period of heaviest marketing of range cattle and sheep. Market interests have therefore not yet had an opportunity to see just what the wool situation will do to the trade in that stock. It will be necessary to wait until the middle of August to see what will develop in sheep sales, for the range states which are the principal producers of the mutton and wool animals do not begin to make liberal shipments until then. The range runs of cattle do not reach their heaviest volume until September and October, so Kansas is interested in that market should be the lookout for the wool factor in considering the probable supply situation. It is quite safe to count on enlargement in the receipts.

As the range runs of stock approach it is interesting to note that there is a growing feeling that the shortage of cars and the poor condition of the motive power of railroads may prevent the arrival of big supplies on any day. There is some basis for this feeling, but, no matter what the condition of railroads, the season as a whole will witness very liberal range supplies of cattle and sheep. Prospective feeders will be interested in knowing that this means a larger percentage of stockers and feeders from which to make selections.

Cattle Off 25 to 50 Cents

While cattle prices declined 25 to 50 cents last week, elation will prevail in Kansas City a month hence if the market maintains the current level. The declines last week were in the face of receipts of 43,000 cattle, compared with 47,813 the preceding week and 47,000 a year ago. Kansas grassers weighing 900 to 1,000 pounds were quoted at \$10 to \$12, while wintered grass steers from Kansas sold at \$13 to \$14.50, with several bunches from the state weighing around 1,200 pounds bringing \$14.25. Plain grassers were quoted down to \$9. The best grass heifers sold at \$8.50 to \$10, good grades of cows from \$7.50 to \$9, and choice offerings

y 31, 1920.

to \$10.50. Calves closed at \$13 for s, with plain grades down to \$6. Inner cows ruled around \$4. Eastern of trade reports were less favorable. Cocker and feeder trade was rather w, with prices unchanged to 25 cents yer. The quotations were again gely between \$6 and \$10 for stock, \$9 to \$12 on feeders and \$5 to \$6.50 stock cows. Choice corn-fed steers, h were scarce, sold up to \$16.50, inst \$16.90 the preceding week and 25 a year ago. Any important in- ase in supplies would probably ee these cattle down.

Hogs Up 50 Cents

Hogs advanced 50 cents, confirming ent forecasts of a better market. e top sale at Kansas City last week e \$16.15, which is equal to the pre- ing high of this year. Choice stock s sold around \$14.75. Kansas City es continued relatively higher n at Chicago and Omaha. The nsas City market is getting the test receipts, due to reduced pro- tion in the Southwest in recent ars. Lambs declined 50 cents to \$1, reach- a new low for the year. While e top sale at the close was \$14.50, it s stated that choice Western lambs bably would have brought \$15.50. ll lambs sold down to \$5. There e indications that liquidation by rners had nearly run its course. eep were about 50 cents higher, with ht receipts. The bulk of fat ewes at \$7 to \$7.50, with a top of \$8. eding lambs were in better demand, rners taking some for stubblefields, es being made around \$11.25. Breed- ewes sold at \$7.50 to \$9.

BOWLES' WAY SERVICE

Your Cattle Are Now Yarded

They are in our pens. You will at once observe the utmost care exercised by our ward men in turning on just enough wa- ter. You will notice that they shake down and separate the hay, eliminating dust therefrom. The clean condition of our pens and handy weighing cannot escape your notice,—handy to the chutes and handy to the scales. Our Cattle Alley is 18. Our Hog Alley is 300.

Bowles Live Stock Com. Co.

Chicago, Omaha Kansas City, Mo.
Our market letters will tell you of the best organized concern at these yards. Write for it.

CHESTER WHITE HOGS.

Chester Whites

From the two most popular blood lines for the era. Wildwood Prince Jr. and Wm. A. Miss era 4th. strains. Good big early boars and gilts bred for September farrow. All immune. E. M. RECKARDS, 817 LINCOLN STREET, TOPEKA, KANSAS.

Chester Whites For Sale

May pigs, either sex, dams sired by the Kansas champion Prince Tip Top. Pigs sired by Don Combination, a sire of prize winners. Are \$15, sows \$25. If they are not worth the money, express them back at my expense. J. O'BRIEN, TONGANOXIE, KANSAS

Same Herd Chester White Hogs

For sale. 4 fall boars, well grown and ready to use; for quick sale \$50 to \$65. First check gets 50%; satisfaction guaranteed or money refunded; 50 pigs priced in pairs and trios not skin. Write for price. CLAUDE B. THOMPSON, HUME, MO.

Chester Whites

As sired by the grand champion Prince Tip Top and sold to Tonganoxie Chief for September pigs; \$65 a pair. A few more fall boars; also March and April pigs; \$25 to \$40. HENRY MURR, TONGANOXIE, KANSAS

Reg. Chester Whites

Sept. gilts, 200 pounds, open, \$50 each. Sept. boar, 200 pounds, unrelated to gilts, \$60. Weanling pigs, \$35 each. Double treated and registered. CARL F. SCOTT, BELVIDERE, KANSAS

I.C. REGISTERED PIGS

For sale. Nat. prize-winning show blood. Price \$15 at weaning time. Earl Anderson, Elwood, Mo.

I.C. PIGS

Either sex; priced to sell. S. ROBERTSON, REPUBLIC, MISSOURI

CHESTER WHITES—Fall and spring gilts, spring boars, Chicksaw Kossuth and Chief Keokuk strains. Satisfaction guaranteed. E. E. Smiley, Perth, Kan.

REG. CHESTER WHITE GILTS AND SOWS

Sept. farrow, \$50 and \$60 each for quick sale. W. K. MUELLER, St. John, Kansas.

BERKSHIRE HOGS.

RED BERKSHIRE GILTS AND RAMBOUILLET RAMS for sale. Also some good spring pigs. C. KING, R. 4, BURLINGTON, KANSAS

HAMPSHIRE HOGS.

Walter Shaw's Hampshires Will sell pigs both sex, pairs and trios, unrelated. Ready to ship now. Messenger Boy and Amber Tipton breeding. Phone 3918, Derby, Kan. Address Route 6, WICHITA, KAN.

Public Sales of Livestock

Hereford Cattle.

Sept. 6—J. O. Southard, Comiskey, Kan., at Emporia, Kan.
Sept. 8—Ed Nickelson, Leonardville, Kan.
Sept. 9—Northern Kansas Hereford Breed- ers Assn., Blue Rapids, Kan., C. G. Steele, secretary and sale manager, Barnes, Kan.
Sept. 17—Morris County Herefords at Coun- cil Grove, Kan., A. J. Howard, sale man- ager, Comiskey, Kan.
Sept. 27—John J. Phillips, Goodland, Kan.
Sept. 28—Foster Farms, Rexford, Kan., at Colby, Kan.
Oct. 6—J. O. Southard, Comiskey, Kan.
Oct. 7—Miller & Manning, Parkerville, Kan. Sale at Sylvan Park, Kan.
Oct. 16—Eastern Kansas Agricultural Assn., H. L. McDill, Mgr., Paola, Kan.

Angus Cattle.

Oct. 16—Boys' Calf Club, Effingham, Kan. Frank Andrews, Mgr., Muscotah, Kan.

Shorthorn Cattle.

Oct. 1—S. E. Kan. Shorthorn Breeders' As- sociation at Independence, Kan. F. B. Campbell, Altamont, Kan., Sec'y.
Oct. 6—F. P. Wilson, Peabody, Kan.
Oct. 7—A. L. & D. Harris, Osage City, Kan.
Oct. 13—Northern Kan. Shorthorn Assn., at Smith Center, T. M. Willson, sale manager, Lebanon, Kan.
Oct. 13—East Kansas Shorthorn Ass'n, at Ottawa, Kan. F. Joe Robbins, Sec'y.
Oct. 14—Linn Co. Shorthorn Breeders' Ass'n Sale, Pleasanton, Kan. E. C. Smith, Sec'y.
Oct. 16—Boys' Calf Club, Effingham, Kan., Robt. Russell, Muscotah, Kan., Mgr.
Nov. 9—Shorthorn Ass'n sale. O. A. Ho- man, Mgr., Peabody, Kan.
Nov. 4—J. L. Early, Oronogo, Mo.
Nov. 9—R. W. Dole, Almena, Kan.
Nov. 10—Northwest Kansas Shorthorn Breeders' Assn., Concordia, Kan., E. A. Cary, Talmo, Kan., sale manager.
Nov. 11—E. P. Flannagan, Chapman, Kan.
Nov. 18—Cherokee Co., Shorthorn Ass'n., at Columbus, Kan.; Irvin Evans, Sec'y., Co- lumbus.

Holstein Cattle.

Aug. 30—H. G. Cherry, Pleasanton, Kan.
Sept. 1—W. H. Schroyer, Miltonvale, Kan.
Sept. 15—Frank Welter, El Reno, Okla., W. H. Mott, Mgr., Herington, Kan.
Oct. 5—Hall Bros., Denver, Colo.; W. H. Mott, Mgr., Herington, Kan.
Oct. 18—Consignment Sale, Hutchinson, Kan., W. H. Mott, sale manager, Her- ington, Kan.
Nov. 29—30—Holstein-Friesian Assn. of Kan- sas, Wichita, Kan., W. H. Mott, manager, Herington, Kan.
Dec. 1—David Coleman & Sons, Dennison, Kan., at Topeka, W. H. Mott, sale man- ager, Herington, Kan.
Dec. 8—9—Coville County Breeders at Arkan- sas City, Kan.; W. H. Mott, Mgr., Her- ington, Kan.
Dec. 22—Annual Sale at Tonganoxie, Kan.; W. H. Mott, Mgr., Herington, Kan.

Poland China Hogs.

Aug. 7—Moore Farms, Butler, Mo. Sale at Gardner, Kan.
Aug. 16—L. E. Hubbard, Kincaid, Kan.
Oct. 1—Stafford County Breeders' Assn., Stafford, Kan.
Oct. 1—Peter J. Tisserat, York, Neb.
Oct. 14—W. H. Hill, Milo, Kan., at Beloit, Kan.
Oct. 19—Morton & Wenrich, Oxford, Kan.
Oct. 20—Fred G. Laptad, Lawrence, Kan.
Nov. 3—E. E. Hall, Bayard, Kan.
Jan. 12—Ross & Vincent, Sterling, Kan.
Jan. 13—F. Olivier & Sons, Danville, Kan.
Jan. 14—Barnes & Harvey, Grenola, Kan.
Jan. 15—Mitchell Bros., Longton, Kan.
Jan. 17—L. R. White, Lexington, Neb.

Spotted Poland Chinas.

August 24—Henry Field, Shenandoah, Ia.
September 17—Henry Field, Shenandoah, Ia.
October 9—Henry Field, Shenandoah, Ia.
Nov. 5—Henry Field, Shenandoah, Ia.

Duroc Jersey Hogs.

Aug. 5—W. W. Otey, Winfield, Kan.
Aug. 6—W. D. McComas, Wichita, Kan.
Aug. 12—W. T. McBride, Parker, Kan.
Oct. 1—Stafford County Breeders' Assn., Stafford, Kan.
Oct. 7—L. C. Kirk, Vandalia, Mo.
Oct. 11—A. A. Russell, Geneva, Neb.
Oct. 15—Jno. C. Simon, Humboldt, Neb.
Oct. 16—Rule & Woodleaf, Ottawa, Kan.
Oct. 18—Robt E. Steele, Falls City, Neb.
Oct. 20—Fred G. Laptad, Lawrence, Kan.
Oct. 21—Theo. Foss, Sterling, Neb.
Oct. 23—Boren & Nye, Pawnee City, Neb.
Oct. 24—Proett Bros., Alexandria, Neb.
Nov. 4—Shawnee County Breeders' Assn. sale, Topeka, Kan.
Nov. 6—Kempin Bros., Corning, Kan.
Nov. 6—A. C. Brockman, Centralia, Mo.
Nov. 6—Mather & Hurdette, Centralia, Kan.
Jan. 15—Mitchell Bros., Longton, Kan.
Jan. 19—Will Fogo, Burr Oak, Kan.
Jan. 26—Lyon County Duroc Jersey Breed- ers' Assn., sale at Emporia, Kan. John Loomis, Sec'y., Emporia, Kan.
Jan. 27—Shawnee County Breeders' Assn. sale, Topeka, Kan.

Feb. 3—J. C. Theobald, Ohiowa, Neb.
Feb. 4—W. G. Real, Grafton, Neb.
Feb. 5—U. G. Higgins, Fairmont, Neb.
Feb. 9—Gordon & Hamilton, Horton, Kan.
Feb. 9—John Loomis, Emporia, Kan.
Feb. 10—M. R. Peterson, Troy, Kan. Sale at Bendena, Kan.
Feb. 11—Kempin Bros., Corning, Kan.
Feb. 11—Wm. Hilbert, Corning, Kan. (Night sale.)
Feb. 14—Night Sale. Boren & Nye, Pawnee City, Neb.
Feb. 15—Lyden Brothers, Hildreth, Neb.
Feb. 15—E. H. Dimick & Son, Linwood, Kan., at Tonganoxie, Kan.
Feb. 16—Geo. H. Burdette, Auburn, Neb.
Feb. 17—Earl Babcock, Fairbury, Neb.
Feb. 17—Jno. C. Simon, Humboldt, Neb.
Feb. 18—Robt. E. Steele, Falls City, Neb.
Feb. 19—Guy Zimmerman, Morrowville, Kan.

Feb. 23—C. H. Black, Neosho Rapids, Kan., in Emporia, Kan.

Chester White Hogs.

Oct. 20—Arthur Mosse & Daughter, Leaven- worth, Kan.

Sale Reports

Season's First Spotted Poland China Sale. 37 Head averaged\$133.16
The Harris Brothers of Blackwater, Mis- souri, held their summer sale of Spotted Poland Chinas on Thursday, July 22, one of the hottest days of the month, and sold 37 head of bred sows and bred gilts for an average of \$133.16. The top price was paid for No. 1 in the catalog going to a ten year old boy, Master Ben Fray of Blackwater, Missouri, for \$505. This sow was the choice of the offering and was about the best Spotted Poland China sow that will be sold

Hubbard's Inaugural Poland Sale

L. E. Hubbard, Kincaid, Kan., Sells
Polands, Monday, August 16

40 HEAD—5 Tried Sows, 21 Fall Gilts, 6 Spring Gilts, 7 Spring Boars

Black Orange, Charter's Giant, Wonder, Price breeding pre- dominates.

Tried sows are bred to herd sire, Giant Monarch by Char- ter's Giant and out of Miss Monarch 4th. This boar is a proven breeder of good pigs. The gilts are bred to a King Buster boar out of Long Giantess 7th. This boar is a full brother to the King Buster boar that is now being fitted for the state fair in California.

This first sale of Mr. Hubbard's will include some that he really needs to retain in his herd but they are included to make the sale especially attractive. Among the good ones is an April gilt, Miss Monarch by Gerstdale Wonder and out of Monarch Girl 30, a litter mate to the herd sire, Giant Monarch. This gilt is good in every respect and the fact that she is out of a litter mate to the good herd sire is more proof that this herd sire is carrying good blood. Another attraction is Miss A. Wonder, a tried sow of Wonder and Price breeding. Some of the best gilts in the sale are out of her.

Farmers and breeders will find Polands in this sale that are choice in individuality and breeding. Remember the date, Monday, August 16.

Write for catalog. Please mention Kansas Farmer and Mail and Breeze.

Auctioneers: L. E. Robbins, Everett Hall. Fieldman: J. T. Hunter.

POLAND CHINA HOGS

Big Type Polands

We now have a fine lot of spring pigs for sale. Also sows and gilts bred to Jack Buster. Cholera immuned. Satisfaction guaranteed.

Frank L. Downie, Route 4, Hutchinson, Kan.

SPRING PIGS, BOTH SEX

Priced to sell. Wonder and Price breeding. Satisfaction. E. J. THOMAS, Edna, Kan.

LIVESTOCK AUCTIONEERS AND SALE MANAGERS.

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Experienced auctioneer. Pedigreed livestock and big sales of all kinds.

LIVESTOCK

WILL MYERS, Beloit, Kan. AUCTIONEER

Claim your 1920-21 dates with me early.

Homer Rule, Ottawa, Kan. Specializing in purebred sales.

Secure your date early. Address as above.

FRED L. PERDUE, DENVER, COLO. REAL ESTATE AUCTIONEER

OFFICE: 320 DENHAM BUILDING, DENVER, COLO.

Jas. T. McCulloch, Clay Center, Kan.

A big reputation is built upon the service you render. Write, phone or wire.

FRANK GETTLE, Livestock Auctioneer—1033 Broadway, Kansas City, Mo.

Efficiency First. For open dates address as above.

SPOTTED POLAND CHINA HOGS.

POLAND CHINA HOGS

Poland Chinas from our Prize Winning Herd

Breeding stock of all ages for sale at all times.

Plainview Hog and Seed Farm

Frank J. Rist, Prop.

Humboldt Nebraska

We Will Not Hold Fall Sale

But will sell privately the 50 head of bred sows and gilts reserved for this sale. Also tops of our spring pig crop, boars and gilts and a few fall boars. Real herd headers. See our hogs at Topeka and Hutchinson fairs.

THE DEMING RANCH, OSWEGO, KAN.

H. O. Sheldon, Supt. Swine Dept.

BIG TYPE POLAND CHINA HERD

Herd improving boars for sale; grandsons of Cald- well's Big Bob, grand champion World on one side, and of William's Wonder Giant Joe and Liberty Bond on the other side. Immunized against cholera and ready for service.

The Hall Stock Farm, Coffeyville, Kansas

SPOTTED POLAND CHINA HOGS.

Smith's Reg. Spotted Polands

Fall gilts bred to farrow in September. Spring boars and gilts priced for quick sale.

CARL F. SMITH, CLEBURNE, KANSAS

REGISTERED SPOTTED POLAND BOARS

For service; gilts open or bred for English fall litter and dandy spring pigs of English breeding.

C. W. WEISENBAUM, ALTAMONT, KAN.

Good Reg. February Boars

Also registered pigs, either sex. Write me your wants. T. L. CURTIS, Dunlap, Kan.

OLD ORIGINAL SPOTTED POLANDS

Spring boars and 3 bred sows; priced right.

Claude Hamilton, Garnett, Kansas

Henry Field's Spotted Poland Chinas

The old-fashioned, big, long, big-boned, prolific hogs of our grandfathers' day. The most profitable, beautiful, and popular breed in existence. We have stock of all ages for sale, from weanling pigs to tried sows. Write for prices, photographs, and full information. Everything thoroughbred, registered, vaccinated, and insured, and guaranteed satisfactory or no trade. You can either buy by mail or come to our big sale.

HENRY FIELD SEED CO., SHENANDOAH, IOWA



Pathfinder and Sensation DUROC BRED SOW SALE

Parker, Kan., Thursday, August 12

33 Head

30 Fall and Spring Yearlings, 1 Tried Dam, 2 Boars

Our main herd sire is H. & B.'s Pathfinder by Pathfinder out of Orion Belle. He is large and smooth as a ribbon and produces typical Pathfinder pigs. Echo Sensation, a son of Great Sensation that produced last year's international grandchampion has ably assisted our Pathfinder boar in producing one of Kansas' best Duroc herds. Our new herd boar, Ed's Great Orion Sensation, to which a number of the females in the sale are bred is a son of Great Orion Sensation, last year's grandchampion. No better breeding can be found anywhere and you will like this offering. We offer four extra large spring yearlings and some extra good fall yearlings but you will like all of them. Do you want us to send you a catalog? If so, send for yours at once. Please mention the Kansas Farmer and Mail and Breeze when writing.

W. T. McBRIDE, PARKER, KANSAS

Rule, Justice and Jackson, Auctioneers.

J. T. Hunter will represent The Capper Farm Press.

DUROC JERSEY HOGS.

Big Type Durocs

Full gilts by Great Wonder Model bred to Pathfinder. May yearlings by Pathfinder Jr. dams bred to Shepherd's Orion Sensation. Senior yearlings by Pathfinder Jr. dams bred to Shepherd's Orion Sensation. All sows bred for Sept. farrow. Big yearling boars by Pathfinder Jr., spring boars by Shepherd's Orion Sensation, Orion's Amplifier, etc. All priced to sell. G. M. SHEPHERD, LYONS, KANSAS

VALLEY SPRING DUROCS

Pathfinder, Sensation, Orion, Col. and other big type early March boars. Registered and immunized; \$30.00 up; April pigs \$25.00. Satisfaction guaranteed. E. J. BLISS, BLOOMINGTON, KANSAS.

MUELLER'S DUROCS

A topy bunch of fall gilts and boars ready for service, sired by Uneeda King's Col.; priced to sell. Also spring pigs of classy breeding. Geo. W. Mueller, St. John, Kan.

FULKS' BIG TYPE DUROCS

For sale—Two extra good spring yearling boars. Spring boar pigs after weaned and immune \$50 to \$100. Ripping good ones sired by I Am A Great Wonder Giant (grand champion at the Kansas National Show) and Victor Sensation, a real boar, guaranteed to please. W. H. FULKS, TURON, KANSAS.

Durocs At Auction

At my public sale, Aug. 2, I will sell 9 brood sows, 13 fall gilts bred for Sept. and Oct. farrow, 13 spring gilts, 4 spring boars and 1 herd boar. ALFRED GOMER, MARQUETTE, KAN. Col. Ernest Hokanson, Auctioneer.

FOGO'S DUROCS

The get of Fogo's Invincible won 1st, 2nd and 3d at Wichita, 1920. Spring boars sired by him for sale. A few choice sows for fall farrow bred to High Sensation Jr., Fogo's Invincible and Scissors Nephew. W. L. FOGO, BURR OAK, KANSAS.

Wooddell's Durocs

Will be at the Kansas State Fairs this fall. Be there to see them. Have two nice bred gilts for immediate sale. Also plenty of boars. G. B. WOODDELL, Route 5, Winfield, Kan.

WOOD'S DUROCS

Spring pigs, both sexes. Great Wonder strain; registered; immunized; double treatment; satisfaction guaranteed. W. A. WOOD, ELMDALE, KANSAS

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

Fall boars: Great Sensation and Pathfinder breeding spring boars: Orion Cherry King and Pathfinder breeding. Good supply of good individuals priced reasonably. Write, phone or call at my place. W. D. McCOMAS, Box 455, Wichita, Kansas

DUROCS

Defenders! Largest herd of intensely bred Colonels in the West. Breeding stock of all ages for sale. DAYTON CASTLEMAN, BUNCETON, MO.

DUROC JERSEY HOGS.

Duroc Pigs, Express Prepaid

Ten gilts farrowed 83 pigs March litters. Sell at weaning. Col. Wonder, etc., immunized, guaranteed, express prepaid. Write today. OVERSTAKE BROS., ATLANTA, KAN.

Now Listen to This!

Three fall sows—1 by Joe King Orion, 1 by Great Orion Sensation, 1 by Golden Wonder. You can't beat this breeding and the individuals are good. F. J. MOSER, SABBETHA, KANSAS.

Wreath Farm Durocs

For sale: 7 fall gilts bred for Sept. farrow, 3 fall boars. Young boars (March farrow) and bred right for sale. A. B. MORRIS, MGR., MANHATTAN, KAN.

DUROC SOWS AND GILTS

To farrow early fall. Spring pigs both sex. Herd sires are two grandsons of Pathfinder and half brother of Great Wonder I Am, the world's foremost sire. Good Durocs. Reasonable prices. HOMER DRAKE, STERLING, KANSAS

Choice September Gilts

Bred for September farrow, \$65; March pigs, pairs and trios not akin, \$35. All stock immunized. D. O. BANCROFT, OSBORNE, KAN.

Big Type Durocs

A few weaned pigs of best blood lines and a yearling son of Pathfinder Jr. Farmers' prices. WM. HAMBLIN, ALMA, KANSAS

SEARLE Durocs. Leaders since 1883.

Immune. Circular free. Searle & Searle, Route 15, Tecumseh, Kan.

BRED FOR SEPTEMBER FARROW

Tried sows and fall gilts bred to Pathfinder Sensation, Col. Sensation and Western Orion. They are by Highland Cherry King and Pathfinder Sensation. Ralph F. Wells, Formoso, 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.

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 Luke Wiles, Chas. Gruff & Sons and Mahlon Groenmiller. 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

RED POLLS. Choice young bulls and heifers.

Write for prices and descriptions. Chas. Morrison & Son, Phillipsburg, Kan.

this summer. A good crowd of farmers and breeders were present and bid and bought. The keen competition was on bred sows due to farrow-on or before September 1. The offering was in good condition and the prices received were very satisfactory to the Harris Brothers who own a good herd of the Spotted Poland China hogs. Following is list of representative sales:

Helen Harris, 1 yr., Ben Fray, Blackwater, Mo.	\$505
Opal, 1 yr., Arnold King, Boonville, Mo.	195
Mo. Lady, 2 yr., H. S. Mills, Boonville, Mo.	115
Mo. Lady 1st, 2 yr., J. M. Burton, Independence, Mo.	160
Bock's Flora, 3 yr., John Bryan, Boonville, Mo.	135
Lady Perfection 2d, John Wheller, Blackwater, Mo.	155
Miss May, 2 yr., Oscar Spieler, Boonville, Mo.	120
Shirk's Bopeep, 2 yr., W. L. Morton, Boonville, Mo.	95
Lady Spot, 1 yr., Henry Field, Shenandoah, Ia.	75
Gerstdale Queen, 1 yr., Ben Fray, Gerstdale 2d, 1 yr., Isaac Miller, Huntsville, Mo.	220
Miss Bopeep, 1 yr., Oscar Spieler, Blackwater, Mo.	250
Miss Perfection, 1 yr., Harry Fray, Blackwater, Mo.	180
Handsome Lady 1st, 1 yr., R. G. Sar-tain, Fayette, Mo.	80
Handsome Lady 2d, 1 yr., Ed McMahan, Marshall, Mo.	75
Katie, 3 mos., Marion Vanbill, Cale, Ia.	150
Lady Rachel, 1 yr., M. H. Poore, Huntsville, Mo.	90
Miss Rachel, 1 yr., J. M. Burton, Huntsville, Mo.	100
Rachel H, 1 yr., John Sutliff, Huntsville, Mo.	95
Lady Flora, Wm. Crats, Menlo, Ia.	110
Miss Flora, 10 mos., Clyde Jones, Menlo, Ia.	75
Lady Gill, 1 yr., Clyde Jones, Menlo, Ia.	90
Miss Gill, 1 yr., John Sutliff, Huntsville, Mo.	150
Lady Catherine, 1 yr., Mrs. Carl Mosley, Blackwater, Mo.	105
Lady Catherine 2d, 1 yr., Jeff Davis, Boonville, Mo.	75
Fashion Girl 1st, 11 mos., H. S. Mills, Boonville, Mo.	85

The Robinson & Shultz Dispersion.

50 Female lots averaged.....\$370
5 Bulls averaged.....575

55 head averaged.....\$390
When Robinson & Shultz dispersed their herd of Holsteins July 17 they dispersed a herd that ranked among the best in Kansas. The average as indicated above was not a big average but would be considered a pretty good one when one takes into consideration that in a dispersion sale all the owner's livestock must go into that sale regardless whether it is young livestock or deficient in quality. All this helps to keep down the average of a sale. For a dispersion sale of Holsteins it was a noticeable fact that there were very few cows with spoiled or undeveloped udders. There were, however, a relatively large number of young heifers. The attendance was not so large as is often found at sale ring sides but a glance at the sale report will show that buyers were present from considerable distances. At several places in the sale spirited sale ring competition manifested itself and the buyer succeeded in getting his Holstein only by doggedly outbidding one or two others who were seemingly determined to secure the animal as he was. Following is a list of representative sales:

Females.

Helen Pontiac Butter Boy De Kol, 2 yr., Joseph Jewelen, Pauline, Kan.	\$ 180
Odine Pansey, 4 yr., H. H. Ahrens, Pittsburg, Kan.	330
Unadilla Artis Prilly, 7 yr., Pickering Farms, Belton, Mo.	660
Adaline Pontiac Hengerveld De Kol, 2 yr., C. K. Conery, Sterling, Kan.	165
Pierre Ursula, 5 yr., Pickering Farm, Albechar Hengerveld Carrie De Kol, 4 yr., J. C. Delaney, Winfield, Kan.	275
Jessie Plebe Korndyke and calf, 6 yr., R. H. Parsons, Arkansas City, Kan.	400
Albechar Juliana Gerster, 3 yr., Mrs. T. F. McKinney, Richardson, Texas.	565
Nanuet Hengerveld Korndyke Lady, 2 yr., Mrs. T. F. McKinney, Richardson, Texas.	475
Albechar Juliana Pontiac Daisy, 2 yr., J. C. Wilkey, Sterling, Kan.	300
Albechar Daisy Gerster De Kol, 2 yr., Mrs. T. F. McKinney, Richardson, Texas.	355
Dora Vale Pontiac, 2 yr., Alfred Ahrens, Pittsburg, Kan.	360
Kol Pontiac Segs, 6 yr., Jno. W. Wray, Ft. Worth, Texas.	255
Albechar Lily Johanna Josephine, 2 yr., C. K. Conery, Sterling, Kan.	780
Albechar Elizabeth Gerster De Kol, 2 yr., T. F. McKinney, Richardson, Texas.	400
Nig Artis De Kol, 7 yr., T. M. Ewing, Independence, Kan.	400
Albechar Gerster Segs Alcartra, 1 yr., J. C. Wilkey, Sterling, Kan.	770
Lola Elzevere Pontiac, 2 yr., Geo. Redmond, Leavenworth, Kan.	200
Wandaga Klatta Mercedes, 1 yr., Dr. Smith, Neodesha, Kan.	100
K. K. D. S. Vale Juliana, 1 yr., R. H. Parson, Pittsburg, Kan.	200
Albechar Alta Alcartra, 1 yr., F. M. Glinner, Winfield, Kan.	200
K. K. D. S. V. Lucy, 1 yr., Carl Grothier, Pittsburg, Kan.	165
Snowflake Hengerveld Fayne De Kol, 8 yr., Alva Shadwick, Iola, Kan.	105
Martia McKinley, 6 yr., Pickering Farm, Almakuk Hengerveld McKinley, 5 yr., J. C. Wilkey, Sterling, Kan.	340
Josephine Lady De Kol, 7 yr., B. V. Steiner, Yates Center, Kan.	400
Queen May Segs De Kol, 2 yr., Dr. B. B. Smith, Neodesha, Kan.	290
Korndyke Roella Princess, 2 yr., Pickering Farm, Belton, Mo.	475
Wandaga Lyons Cornucopia, 1 yr., C. C. Dixon, Crosby, Mo.	250
K. K. D. S. Vale Esther, calf, Frank Wilder, El Reno, Okla.	235
Pearl Mercedes Pontiac 2nd, 2 yr., K. K. D. S. V. Lilly, calf, D. M. Britton, Coffeyville, Kan.	180
Beryl Queen Johanna, 8 yr., Geo. McGinn, Winfield, Kan.	190
Lady Pontiac Parthena Veendam, 5 yr., Pickering Farm, Belton, Mo.	400
Albechar Cora Netherland Walker, 3 yr., Will Beck, Independence, Kan.	460
Johanna Lilly, 11 yr., R. H. Parson, Pittsburg, Kan.	790
Carrie Hengerveld Lyons, De Kol, 8 yr., Jno. W. Wray, Pittsburg, Kan.	430
Hengerveld Gerster De Kol, 7 yr., Pickering Farm, Belton, Mo.	680
Regola Schulling Princess, 9 yr., B. V. Steiner, Yates Center, Kan.	375
Princess Pieterse Bawn De Kol, 10 yr., Chas. S. Stewart, Independence, Kan.	1,100
Rhoda Korndyke Daughter, 2 yr., Jno. W. Wray, Pittsburg, Kan.	655
Albechar Juliana Lilly, 4 yr., D. W. Rogers, Ft. Scott, Kan.	600
Lady Hengerveld Segs Alcartra, 1 yr., F. M. Glinner, Winfield, Kan.	120

June Gerben Colanhus, 5 yr., Carl Grothier.....
Wandaga Ondine De Kol, 1 yr., Dr. Smith, Neodesha, Kan.....
Hengerveld Gerster Beauty De Kol, 5 yr., Mr. T. F. McKinney, Richardson, Texas.....

Bulls.

Albechar King Alcartra De Kol, 1 yr., J. H. Shelton, Yates Center, Kan.....
King Korndyke Daisy Sadie Vale, 3 yr., C. L. Stewart, Pittsburg, Kan.....

Field Notes

BY J. W. JOHNSON

Hall Bros., Denver, Colo., will hold dissolution and dispersion sale at their known and justly famous Western Holstein farm, five and one-half miles southwest of Denver on the Morrison road. The herd of 150 head go in this great sale. The herd is one of the first to attract attention in the west and has produced some good individuals, among them being Western Holstein that sold in the recent St. Paul national sale for \$5,500. Hall Bros. have been speculators but have raised everything or bought it for the purpose of strengthening their herd. In this sale there will be an animal that is not worthy a place in any herd. A few very choice young heifers are now being reserved for this sale. They have employed W. H. Mott, the well known Holstein breeder and sale manager of Ington, Kan. The sale will be advertised in the Kansas papers and Kansas breeders should get the catalog and plan to attend. You are invited right now to send your name to Hall Bros., 8, South Denver station, Denver, Colo. Do it now.—Advertisement.

Good Durocs Not Costly.

Gwin Bros., Morrowville, Kan., Washington county, are regular advertisers in the Kansas Farmer and Mail and Breeze and are changing their copy this week to offer spring and summer yearling gilts of Pathfinder and Orion breeding and bred to September farrow. No herd in Kansas contains more up to date breeding than the Gwin herd at Morrowville. These are bred to High Orion Sensation and Chief Pathfinder. They also have some yearling herd boar material of the same breeding as the kind that Nebraska and Iowa breeders ask several times as much for. If you want something that is bred strictly in the people and at a moderate price write Gwin Bros. at once. You will not be disappointed if you deal with them.—Advertisement.

Big Land and Holstein Sale.

Real farms with splendid improvements for sale at auction is the big opportunity at Miltonvale, Kan., Tuesday, Aug. 17. Sutter Land Auction company, Salina, Kan. will sell on this date 1,380 acres consisting of four or five farms in the same local area around Miltonvale, Kan. Cloud county, W. H. Schroyer, Miltonvale, is one of the large land owners of central Kansas and has been operating these farms and improving them but because of the scarcity of help he feels compelled to close out the farms and has decided to sell them at auction to the highest bidder. They will be sold in tracts to suit the purchasers and Schroyer is in a position to make very liberal terms to purchasers. At present four or five farms are stocked with high head of choice high grade Holsteins that were purchased by Mr. Schroyer for the farms and production was and has been watchword in both buying and maintaining the herd until it is one of the strongest milk producing plants in the west. One \$14,000 worth of cream was sold from the farms last season. The date of the Holstein sale follows closely on the land sale and will be held Sept. 1-2 at Miltonvale and affords a wonderful opportunity to buy real Holstein dairy cows that will be splendid fall and winter cows. There will be 175 of them and every one is a real producer and not a speculator's cow. Besides there are 125 young heifers from calves yearlings that were born and raised on the farms within a few miles of Miltonvale. W. H. Mott, Herington, Kan., has recently visited the herd and says it is a great chance to buy producers and cattle that have been selected to put on these farms with no idea of selling until recently when it was decided to sell the farms. Remember the big farms auction at Miltonvale, Tuesday, Aug. 17, and write the Sutter Land Auction Co., Salina, Kan., for blue prints and descriptive matter of all the farms and ask for information you want. Also remember the big sale of the 300 high grade Holstein cows and heifers there Wednesday, Thursday, Sept. 1-2. W. H. Mott, Herington, Kan., has charge of the sale and will be pleased to hear from you any time. Write him for full information or if you prefer write Mr. W. H. Schroyer, Miltonvale, Kan. You can't afford to miss this sale if you want the right kind of Holstein milk cows.—Advertisement.

BY J. T. HUNTER

Earl Scott, Belvidere, Kansas, is a pure bred hog and sheep breeder. He grows and sells registered Chester White hogs and registered Shropshire sheep. He keeps his advertising up to date. Look up his two columns in this issue and mention this paper in writing him.—Advertisement.

Otey's Duroc Sale August 5.

W. W. Otey & Sons, Winfield, Kan., hold their removal sale of Durocs Thursday, August 5, preceding their removal this fall to their new home at Belle Plaine, Kan. The offering comprises a lot of foundation sows bred to Pathfinder Chief 2nd, one of old Pathfinder's best herd sire production. Many of the gilts are sired by this boar bred to a son of Great Orion, the world's grand champion. Some extra good boars will be sold in this removal sale. Otey's sale at Winfield will be followed next day by McComas' Duroc sale at Winfield, Kan. This is the last call for the Kansas Farmer and Mail and Breeze for advertisements of this sale.—Advertisement.

Holsteins of High Producing Ancestry.

J. W. Hamm, Humboldt, Kan., has a good dairy herd of Holsteins. Among them is a cow, Johanna Alcartra-Korndyke that he bought a year ago at the J. W. Magee sale at Chanute, paying a good price for her. She was a high producing cow at the time of her purchase and is growing better. The last year she produced over 12,000 pounds milk, testing at least 4%. In the Hamm herd are three granddaughters of Colanhus Johanna Champion, the grandsire of the first 30-pound cow produced in Kansas. Johanna is a son of King Korndyke and lantha Ormsby. His dam is a daughter of a 33 pound cow. Mr. Hamm will sell this time a few bulls, among them one

31, 1920.

5 1920

Humboldt Pieterje sired by a 35-lb. This young bull is ready for bull. There are some others not old for service by the same sire and out three granddaughters of Colantha Champion previously mentioned.

An Unregistered Purebred Bull.
Shadwick, Iola, Kan., has for sale a purebred Holstein bull calf. This calf is by Emperor Segis Pontiac Del, a descendant of the King of the bull, a bull that sired more A. R. O. than any other bull. The unfortunate about this bull calf is that its sire, a purebred cow, was not registered. That means that this calf, although purebred from good ancestors, cannot be registered and Mr. Shadwick will sell it at less than he would were the calf to be registered.—Advertisement.

McComas Duroc Sale, August 6.
The last call for W. D. McComas sale at Wichita, Kan., Friday, August 6, will be held at the farm just city limits west of town. Thirty Durocs, bred sows and gilts come, offering. Pathfinder Chief 2nd, Sensation 2nd, and Jack's Orion Sensation 2nd, are the herd sires represented. King A are the herd sires represented. Here are the good useful sows and sale of surplus good issues of Kansas and Mail and Breeze for advertisement. It will be at Winfield, Kan., before. Connections between Winfield and connections are good. Plan to attend both.—Advertisement.

A Nice Group of Young Holsteins.
Every type group of Holstein heifer and calf will be found on the S. E. Ross farm near Iola, Kan. They are sired by good young bull, Dutchland Colantha King Lyons De Kol Konigen Lyons and out of Besse De Kol Konigen Lyons. This is all producing ancestry and the calves have to be good prospects for a dairy. Most of the younger dams in Mr. Ross herd are by Hamilton Prilly 5th whose herd has a record of 26.49 pounds butter in days and 106.5 pounds butter in thirty

days. The herd lacks but one test of being a Federal accredited herd. This herd will be given very soon. When a Federal accredited herd it will be one completely guaranteed by the Federal government as one free from tuberculosis and from which cattle may be taken anywhere without further testing for tuberculosis. Write Mr. Ross today if you want to know about his calves or heifers for sale. Please mention the Kansas Farmer and Mail and Breeze.—Advertisement.

W. T. McBride's Summer Duroc Sale.
W. T. McBride, Parker, Kan., has a good purebred Duroc farm just outside Parker, Kan., on which he raises some good Durocs year after year. His annual summer sale takes place Thursday, August 12, at which time he will sell 33 head including 30 fall and spring yearlings, and one tried dam and two boars. Mr. McBride has three boars that are close up in the blood of the best families in Durocdom. His main herd sire is H. & B's Pathfinder by Pathfinder and out of Orion Belle. Here is a boar that is smooth and good sized and he is a producer of typical Pathfinder pigs. Another herd sire is Echo Sensation by Great Sensation that produced last year's international grand champion. These two boars have built up one of the best herds in Kansas and recently Mr. McBride bought a son of Great Orion Sensation, the international grand champion of last year. This boar, Ed's Great Orion Sensation. A good number of the sows in the sale are bred to this likely looking young boar. Some of the noted dams represented in the sale are Illustration Beauty, Orion Surprise, Miss Echo Lady 2nd, and Wonder Beauty. There will be four spring yearlings of Pathfinder breeding bred to Echo Sensation and to Ed's Great Orion Sensation that are extra large sows. There are some fall yearlings that are extra good. However, the offering as a whole will be a good one. Right here is a good opportunity for any farmer to buy some good seed. Those who have watched Duroc development know that Mr. McBride's herd has blue ribbon quality in it. Plan to attend this sale and write today for your catalog. Please mention the Kansas Farmer and Mail and Breeze when you write. Address W. T. McBride, Parker, Kan.—Advertisement.

Hubbard's Inaugural Poland Sale.
L. E. Hubbard, Kincaid, Kan., holds his first sale Monday, August 16, at his farm near Kincaid. In this sale there will be 40 head, including 5 tried sows, 21 fall gilts, 6 spring gilts, and 8 spring boars. The breeding that predominates is Black Orange, Charter's Giant, Wonder and Price. The tried sows are bred to the herd sire, Giant Monarch by Charter's Giant and out of Miss Monarch 4th. This boar has an unusually good bone and is a good hog in other respects. The gilts are bred to a full brother to the King Buster boar that is now being fitted for the California state fair. This boar is out of Long Giantess 7th. This boar looks like a real herd boar. This is Mr. Hubbard's first sale and he is putting into it some of his very best, some that he really needs to retain in his herd but they are going into the sale to make the sale especially attractive. Among the attractions are an April gilt, Miss Monarch Girl 30th, dale Wonder and out of Monarch Girl 30th, a litter mate sister to the herd boar Giant Monarch. She is a gilt that is good in every respect. Another attraction is a tried sow, Miss A. Wonder by A. Wonder Price. She has had three litters; 12 pigs in each of the first two farrows and 11 the third farrow. Charter of Butler, Mo., has a herd boar out of this sow. In this fall sale in addition to the sow herself there will be 8 of her get; 2 spring boars, 5 gilts, and 1 tried sow. A tried sow by Charter's Giant with 3 spring boar pigs by Giant Monarch, and a tried sow by Black Orange and 2 of her last fall gilts are good ones—that go in the sale. Farmers and breeders will find in this offering hogs that are good in individuality and breeding. Write today for catalog. Please mention Kansas Farmer and Mail and Breeze when writing.—Advertisement.

BY S. T. MORSE

Fall Sale Called Off.

The Deming Ranch, Oswego, Kansas, have decided not to hold their fall sale as announced but will offer at private treaty, the great bunch of bred gilts and tried sows they had reserved for this event. They are also offering for sale now the tops of their crop of spring pigs, both boars and gilts, and have a few choice fall boars (real herd headers) for sale. The country is short on hogs. We have never seen better Poland than the Deming Ranch Poland. This lot had been reserved for a fall sale and are right in every way. They are bred to the Kansas Yankee by the \$40,000 Yankee Dividend, by Cook's Liberty Bond and the Kansas Guardsman by The Guardsman, litter brother of The Clansman. Visit the Deming Ranch and see one of the greatest herds in the world. See their exhibit at the state fairs. For prices and descriptions write The Deming Ranch, Oswego, Kansas, H. O. Sheldon, Supt. Swine Department.—Advertisement.

How Tame Hay is Divided

The tame hay acreage of the United States is divided as follows: Grain cut green for hay, 8 per cent; cowpea, soybean and other peas cut for hay, 9 per cent; clover, 12 per cent; timothy, 16 per cent; clover and timothy, 18 per cent; alfalfa, 21 per cent; all other tame hay, 16 per cent.

COULD SELL TWICE AS MANY

"In reply to your inquiry above, I have sold all of my surplus stock at from \$5.00 to \$40.00 above market prices. Have shipped 9 head of sows and gilts, sold rest locally. Received inquiries enough to sell two times the number I had to offer. Forty head fall pigs coming fine. Thanks for your interest.—Homer Drake, R. 3, Sterling, Kan."

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.

BULLS

Calves sired by Sir Tidy Gelesta, his dam twice 32-pound cow and from heavy producing dams. J. F. MAST, Scranton, Kan.

Mott Bros. & Branch, Herington, Kan.

No females for sale. Choice 10-month bull by Duke Johanna Bets out of one of our best cows; straight top, nicely marked, wonderful individual; first \$150 buys him. He must please you or money returned.

Ben Schneider, Nortonville, Kansas

Six Holstein bulls, 6 months old to yearlings; 1 from 25-pound 1 from 21-pound cow; 1 from 17-pound 2 year old. Priced to sell. Dueses glits priced right.

Capitol View Holstein Farms Topeka, Kansas

Young stock for sale. Address as above.

JUSTAMERE FARM

Ragapple Holsteins

A. B. WILCOX & SON, 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.

SAND SPRINGS FARM

Two bull calves, one from 20,000 pound dam, another 13,000 pound two-year-old dam. We specialize in yearly test. Herd sire: Prince Ormby Pontiac Mercedes, from a 35 pound daughter of S. P. O. M. E. S. ENGLE & SON, ABILENE, KANSAS

W. E. Zoll & Son,

R. D. 6, Leavenworth, Kan.

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

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. Collins Farm Co., Sabetha, Kan.

Seven Pure Bred Heifers

Big fine ones, long twos and coming three year olds; bred to freshen in August and September. W. J. O'BRIEN, Tonganoxie, Kan., Leavenworth County.

ABERDEEN ANGUS CATTLE.



12 Bulls

Eighteen to twenty months; big strong fellows. Priced to sell. J. D. MARTIN & SONS R. 2, Lawrence, Kan.

Special Angus Offering

30 registered young cows bred to show bulls. 15 three-year-old heifers bred. 5 yearling heifers. Young bulls serviceable ages. A few two-year-olds.

SUTTON FARM, RUSSELL, KANSAS

JERSEY CATTLE.

Reg. Jerseys For Sale

From U. S. Accredited Herd: Two grandsons of Marjoram Fontaine 251181 in class A. A., 854 lbs. 7 ozs. butter from 14,268.7 lbs. milk in one year. One is grandson of Financial Beauty King 132904 and one a grandson of Financial Count 61316. Can spare some young cows and heifers. Write or call.

SCANTLIN JERSEY FARM, Savonburg, Kan.

Hillcroft Farms Jerseys headed by Queens'

pronounced the best bred Jersey bull in Missouri, a Register of Merit of Raleigh's Fairy Boy, the greatest bull ever imported, 64 tested daughters, 86 tested granddaughters and 64 producing sons. Choice bull calves for sale. Reference Bradstreet

M. L. GOLLADAY, PROPEL, HOLDEN, MO.

HORSES AND JACK STOCK

SHIRE HORSES

For Size, Bone and Quality

More is required of horses than ever before. Hence the need of more size, weight and power. Large geldings never were higher. Shire geldings usually top the market. Use Shires to raise larger and better horses.

For information on Shires write, W. G. Lynch, Secretary, American Shire Horse Association, Tonawanda, Pa.

Percherons—Belgians—Shires

State Fair prize-winning stallions and registered mares bred to Champion stallion for sale. Also extra heavy black Mammoth jacks.

Fred Chandler, Rt. 7, Chariton, Ia.

Shetland Colts

Nine spotted black and white Shetland colts for sale. Fall delivery. Satisfaction guaranteed.

MRS. CLIFF ROBINSON, HARPER, 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 two. Member National, State and County associations.

Lyon County Pure Bred Holstein-Friesian Association

A few choice cows will be accepted for service to our herd sire, Princess DeKol Beauty Girl Segis, sired by King Segis Pontiac Count and a full brother to Beauty Girl Pontiac Segis (20 world's records. Address County Farm Agent, Emporia, Kan.

Bull Calves by Our Herd Sire

Dam has 28.65-784—in 7 days; has 2000 lb. steer, one 34, one 30 and 11 above 20. A few services for sale to approved cows. We have all A. R. O. Cows. GOODIN STOCK FARM, C. L. GOODIN, PRSP., DEER, KAN.

Calves, Both Sex; Heifers Also

Sired by Dutchland Colantha Konigen Lyons. Herd lacks but one test of being on Federal Accredited list. Everything priced reasonable. S. E. ROSS, IOLA, KANSAS.

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.

REGISTERED HOLSTEINS

Under Federal T. B. Supervision. One of the best sons of King of the Pontiacs, heads the herd. Our cows are the best for breeding type and production. B. E. GOSNEY, MULVANE, KANSAS.

Appleman Bros., Mulvane, Kan.

Young cows due to freshen soon all sold. Still have 2 or 3 young bulls old enough for service out of A. R. cows and 20-lb. bull.

BULLS

We have some splendid bulls for sale at very reasonable prices; from a few weeks to 1 year old; dams' records from 16 lbs. (2-yr.-old) to over 80 lbs. Write us just what you need in bulls.

Mark Abildgaard, Mgr., Mulvane, Kansas

Watch for My Consignment of

Fresh Heifers at Wichita, Kan..

Next November. (State Association Sale.) We have a few bull calves from A. R. O. dams to close out now.

DR. C. A. BRANCH, Marlon, Kansas

THE LAST 30-LB. BULL IS SOLD

but we have a beautiful, white, 11-mo.-old son of King Pontiac Johanna, a 31-lb. son of the King of the Pontiacs, out of a 20-lb. (2 yr.) junior daughter of another 31-lb. son of King of the Pontiacs.

AXTELL & HERSHEY, NEWTON, KANSAS.

WINDMOOR HOLSTEINS

Size, Type, Production, Breeding and Health. Headed by two of the greatest bulls of the breed; both prize winners, one a champion. Young bulls at half value; \$50 and up.

SAM CARPENTER, JR., OSWEGO, KANSAS.

HOLSTEIN CATTLE.

HOLSTEIN-FRIESIAN BULLS

Several ready for use. A good lot of younger ones from A. R. O. and prize winning ancestry.

Prices reduced for 30 days. Write us about what you are wanting.

McKAY BROS., CADDOA, COLORADO

Dissolution and Dispersion

Public sale, October 5, 1920, 150 head, registered cows, heifers and bulls. Western Holstein Farm.

Hall Bros., Owners and Breeders

Box 2, South Denver Station, Denver, Colo.

Young Purebred Holstein Bull

A King of the Pontiacs bred bull out of a purebred cow not registered thru neglect. Priced cheaper because of this.

ALVA SHADWICK, IOLA, KANSAS.

Registered Holstein Bulls For Sale

One ready for service by a 35-pound sire. Younger bulls by sire whose dam was a 36-pound cow. Popular breeding. Federal accredited herd. Write me.

J. W. HAMM, HUMBOLDT, KANSAS.

Registered Holstein Bull For Sale

Old enough for service; ½ white, good individual; out of an untested dam. First check for \$100 takes him.

L. H. PAUL & SON, MILDRED, KANSAS.

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, Wauwatosa, Wis.

HOLSTEIN HEIFER CALVES

We have a few extra choice heifer calves for immediate delivery. \$30 express prepaid anywhere in Kansas. A. E. MARTIN, EMPORIA, KANSAS

HOLSTEIN OR GUERNSEY CALVES

either sex, 6 to 8 weeks old, \$30 each; express paid by us. Write for particulars. Spreading Oak Farm, E. I. Whitewater, Wis.

WAUKESHA COUNTY

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

AYRSHIRE CATTLE.

Ayrshire Cattle For Sale

ROBERT P. CAMPBELL, Attica, Kansas

SHORTHORN CATTLE.

Genuine Herd Bulls Master of the Dales and out of Polynie Bred Cows

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

They are a practical, husky and well let that will appeal to breeders of real merit.

M. Hill, La Fontaine, Kan.

6 TOMSON SHORTHORNS 1920

high class cattle of most popular Sires: Village Marshal and over Creek Sultan.

Extra good young herd-bulls for sale. Address

TOMSON BROS.

Kansas, Kansas, or Dover, Kansas.

R SHORTHORN BULLS

All ages. Address

T BROS., BLUE RAPIDS, KAN.

POLLED SHORTHORNS.

POLLED SHORTHORN BULLS

husky reds and roans 12 to 20 mos. old.

to sell. Can spare a few females.

M. HOWARD, HAMMOND, KANSAS.

led Shorthorns For Sale

Four young bulls and heifers; whites and

Four cows, heavy springers.

AYTON BANE, BELTON, MISSOURI

HEREFORD CATTLE

REGISTERED HEREFORDS

led by Don Balboa 14th 596021, by Don 263493. For sale—50 cows about half calves at foot; 20 open heifers; 15 bred heifers; five good young bulls, herd headed by LEE BROS., HARVEYVILLE, (Harrison County), KANSAS.

XIETY BRED HEREFORD COWS

one and one herd bull at \$250 each.

have calves at foot; other will be soon. Am retaining the calves.

Further particulars address

C. MUNSELL, RUSSELL, KANSAS.

SHEEP AND GOATS

SHROPSHIRE RAMS

Yearling rams, mostly Bibby breeding. Nice ones. Satisfaction guaranteed. O. A. Homan & Sons, Peabody, Kansas.

Reg. Shropshire Rams

head, \$75; yearlings, \$50 to \$75; ram lambs, \$40 to \$50. Above sired by ram lambs. Earl Scott, Belvidere, Kan.

REGISTERED SHROPSHIRE BUCKS,

years old; good breeders, \$40 each.

Will Walton, Newton, Kan.



BUILT FOR THE FARMER

There's a difference between the truck that's merely sold to the farmer and the truck that's built for the farmer.

The "Frictionless Truck" is built for the farmer. Every part of it is built by men who know farmers' needs. The hardest kind of farm service is easy for Transport. For Transport engineers discovered the great waster and eliminated it. Friction, that eats profits and heaps up the expense, has no place in Transport construction. Perfect balance, finest steels, automatic lubrication make Transport Trucks a pleasure to own—a pleasure to drive.

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Builders of "The Frictionless Truck." Four models: for 2,000, 3,000, 5,000 and 7,000 pound service. Pneumatic Tires optional at extra cost on all models.

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Internal Gear Drive Trucks