

Library

THE FARMERS MAIL AND BREEZE

Volume 42

October 26, 1912

Number 33

We Want Progressive Men and Measures to Win

I don't believe any reader of the Mail and Breeze has any doubt where I stand in regard to progressive policies. I think I can fairly say that no man in Kansas has taken a deeper or more active interest in the Progressive political movement than I have taken from the very beginning. I have given what aid and support to it I could in perfect sympathy with its reformatory aims and in the desire to give Kansas an ideal government for and by all the people.

Some of the particular things that have been accomplished, every one of which has had my earnest and persistent support, individually and through my newspapers, may be mentioned:

The law abolishing free railroad passes, a special privilege of politicians and the loaded dice of politics; the law bringing down passenger fares from 3 to 2 cents a mile and saving Kansas hundreds of thousands of dollars; the railroad regulation law; the maximum freight law reducing rates on farm products 15 per cent, and the great Political Emancipation act known as the Primary law. The state charitable institutions were removed absolutely from politics and all officers and employes placed under "civil service" rules. The State Treasurer's annual rake-off of \$15,000 a year or more was abolished and the deposits given to those banks offering the highest rate of interest. The State Printer graft was cut out, making his office elective by the people and fixing the salary at \$2,500, where former State Printers had "cleaned up" more than \$25,000 a year.

I believe I was one of the first in the state to urge a Depositors' Bank Guaranty, on the ground that large depositors were specially guaranteed, while the small depositor in case of a bank failure was left to "hold the sack."

A Public Utilities Law has taken the place of the old Railroad Commission act. There are weaknesses needing correction before this law does the work that we hope to get from it; nevertheless it is a long step forward.

The law permitting a commission form of government in cities, with the initiative, referendum and recall as features of city government; health laws that have placed Kansas in the front rank of progressive states, including a pure food and drug act, establishing hotel and restaurant inspection, barber shop inspection, etc.; the famous "Kansas Blue Sky Law," which has already saved Kansas millions of dollars—are other measures I have worked for. There are numerous progressive laws less conspicuous and radical than these mentioned but doing good work and showing the same spirit of a better government for all the people as well as of and by the people.

As a Progressive Republican, I have been proud to support this great movement for better government in Kansas and to take my share of the knocks which such active support necessarily involved. I believe there is much for the Progressive movement yet to do. I am with it and propose to stay with it, stand by it, defend and support it now and in the future, with all the energy I possess, for I heartily sympathize with its aims and spirit. I have no use for the candidate who is afraid to tell where he stands, and I will not attempt to gum-shoe my way into the office of Governor this year or any other time. For that reason I have from the beginning of this campaign frankly stated that I am for Colonel Roosevelt for President.

I believe with all the intensity of my being that the general welfare stands above and beyond privilege, profit and party. I am in favor of the movement for popular government because as I look upon it, it means a more intelligent and effective participation of the people in the control of their own affairs; it means that taxation shall not fall heaviest on the poor; that justice and not technicality shall control the courts of law; that the rights of the humble are more sacred than the privileges of the rich.

In the great battle for clearing out the wrong and purging out the evil and establishing purity and equality in all departments of our state and national activity, I know that progressive Kansas will sustain those things which are true and just and that Kansas will be found in the very front, standing out stronger than ever as a splendid example to all the states of the Union.

As a candidate for Governor, I will greatly appreciate the support of every voter in Kansas who favors a thoroughly progressive business administration. Please place an X after my name which you will find in the Republican column.

Topeka, October 21, 1912.

Arthur Capper

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THE LINING—Both the body and sleeves are lined throughout with heavy-weight, smooth-surfaced warranted Wm. Skinner Satin Lining. It not only adds to its warmth and shape, but to its general style and fine appearance. The cloth lining and workmanship produces a coat that is easily a \$20.00 retail value. Order now—we accept all the responsibility if anything is wrong, your fault or ours. A wonderful Overcoat—sure to fit, please, and save you a great deal of money. Sizes 34 to 44-inch chest; style as illustrated. Shipping weight, 6 3/4 pounds.

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READ EVERY WORD of this big, wonderful Suit Outfit bargain! It means money to you. Nowhere in the United States will you find a more genuine bargain! All articles entering into this outfit have our guaranty of being dependable, and to meet approval—in short, it's a friend-making combination for our great Clothing Department.

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No other concern in the world has ever offered such a big bargain and no other concern content themselves with such a low margin of profit as we do in this outfit, at the price we ask.

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13QX5002—The Entire Outfit as above described, to Clothe a Man from Head to Foot, for only.....\$9.95

For Only \$9⁹⁵

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Our Price for all of the above, only.....\$9⁹⁵

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Send \$1.00 Now Balance on Acceptance.

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THE FARMERS MAIL AND BREEZE

AN AGRICULTURAL AND FAMILY JOURNAL FOR THE PEOPLE OF THE GREAT WEST



Volume 42
Number 33

TOPEKA, KANSAS, OCTOBER 26, 1912.

Subscription
\$1.00 a Year

POWER PUMPS CREATING A NEW WESTERN KANSAS

WESTERN KANSAS lies in the edge of a belt where the rainfall is at times deficient. While so-called "dry-farming" methods adapted to conditions there may and do win success, that vast area, with water available and utilized, would be transformed from an extensive to an intensive agriculture, and multiply in people, productions, industries, wealth, prosperity and wholesome homes.

The history of irrigation on the sunset side of the Sunflower state reaches back many years. Then, the principal known sources of water supply were the rivers and when most needed, water was either insufficient or entirely lacking. In recent years some of these abandoned pioneer canals in the Arkansas River valley have been rehabilitated and are used for winter irrigation from the river flow; and at other times from reservoirs in which the flood waters have been stored.

The latest developments, however, indicate that, great if not the greatest possibilities in artificial watering in western Kansas are in pumping the underground waters to be found there at various depths. Indeed, in the Arkansas River valley, this method long since passed the experimental stage. At the present time, from Garden City to Syracuse, many pumping outfits are in operation or being installed. Finney county alone has 60 or more, including a number on the upland, with capacity for irrigating approximately 6,500 acres. Kearny county has at least 40 such, each of 1,000 gallons or more per minute, and Hamilton county has eight. These are all equipped with centrifugal pumps, and use principally gasoline or distillate engines for power.

In this valley the depth to water is only 8 to 10 and 15 feet. The main valley, 4 to 6 miles wide, bounded by sandy territory on the south and by the loamy uplands on the north, has the underflow, and here are the shallow wells. The water supply has been tested sufficiently that its dependability is pretty well known. As a rule 400 gallons per minute from each well may be relied on. If 2,000 gallons per minute is wanted a group of five neighboring wells is put down; if 4,000 gallons per minute, a group of 10 wells is used. The wells of each group are connected by a suction line leading to one centrifugal pump. The pump and suction line are set at water level, and the pump operated either by electric motor or an oil engine, as the case may be. These plants have proven very successful, and after several years of heavy pumping there appears no diminution of the water supply.

The United States Sugar & Land company of Garden City, which controls extensive tracts in that vicinity and owns and operates the beet-sugar mill there, has a novel central power station for pumping at Deerfield, in Kearny county, about 12 miles west of Garden City. They make a producer gas out of cheap residuum oil, and have a 400-horsepower gas engine and 350-kilowatt generator. The current developed by this generator is distributed over a transmission line 20 miles in length, and under this line the company has 14 pumping plants, each with a capacity of 1,800 to 2,000 gallons per minute. About 3,500 acres of land is irrigated from this system. There is also a government station at Deerfield, which generates electric power to run 23 pumping plants. All these are in the immediate valley and pump the underflow from shallow wells.

Investigations within the last two years have demonstrated that the uplands can be profitably irrigated by pumping from deep wells, and that much,

Late Developments Indicate Unlimited Possibilities of the Underflow

BY F. D. COBURN

Written Especially For Farmers Mail and Breeze

if not all, of this western territory has seemingly, not remote from its surface, inexhaustible supplies of water—as from a subterranean lake. This knowledge is giving strong impetus to development, and the success in the past year of several upland pumping plants, where the water is lifted from depths hitherto thought prohibitive, gives promise of a new era for that region.

Wells are being bored, and put into use at the present time, here and there, from Meade county, in the southwest, north and west to Cheyenne county, the state's northwest corner. At Fowler, in Meade county, one known as the Walker well is finished and in use, as is the Hawley plant, of similar size and equipment. Two or three other centrifugal plants are also installed in the county. In Sherman county, adjoining Cheyenne, five big wells have been

broomcorn and melons are all flourishing. The water makes its mark wherever it goes."

Mr. Lough's well meets the water-bearing sand and gravel at a depth of 60 feet and extends through 70 feet of it, making the extreme depth 130 feet. Owing to the abundant water he has planned to put down other wells and operate them by electric power, something after the fashion of the Deerfield method of the United States Sugar & Land company, already mentioned. It is his intention also to furnish power for the pumps of neighbors who have wells, so all a man would need to do to start the machinery and bring a flow of water would be to turn a switch connecting the current with his pumps.

The most extensive developments with upland or deep wells, however, and following Mr. Lough's lead, have been made in Finney county by numerous individuals, and by the United States Sugar & Land company. There are several wells estimated to supply water for irrigating 500 to 800 acres each, and one is equipped with a 150-horsepower engine. As bearing upon these matters Mr. F. A. Gillespie, general manager of the company, recently said:

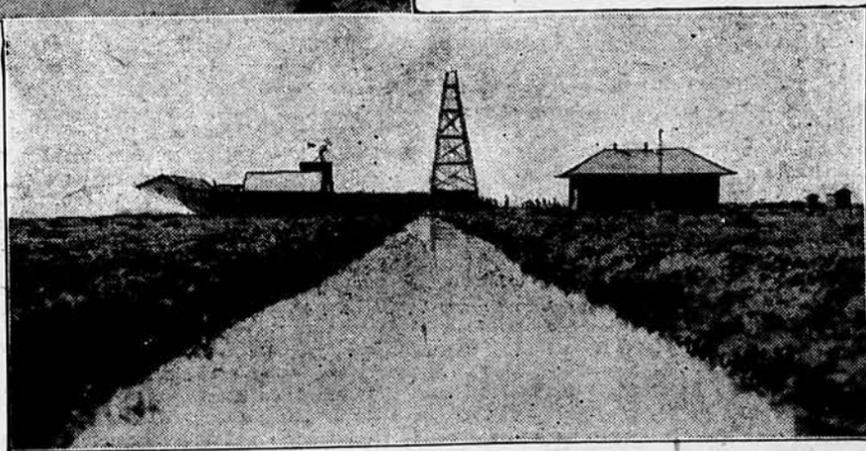
"We just discovered last fall that we also have apparently unlimited water under our uplands. We consider that this is one of the greatest discoveries made in the Central West, and believe that the supply will prove absolutely permanent. The wells are 300 to 375 feet in depth. We had two of these plants in daily operation last summer, both of them by oil engines. One was used for irrigating 500 acres of beets. It pumped 1,800 gallons per minute, 24 hours per day. The other pumped about 2,100 gallons per minute and was used for irrigating beets and diversified crops. Both of these plants were operated several weeks this year, with no diminution of the water. Our company and individual owners together have put down 20 wells on these uplands, with not one failure to get water. Four plants are in daily operation, but the other wells are not yet equipped with power.

"These deep wells are put down first with an 8-inch hole, which we term the test hole. This boring gives us the log of the well. In other words, we determine by this the different strata in the formation encountered. We then make the casing according to the information given us by this log, putting in a screen whenever we strike sand or gravel, and blank casing elsewhere. The well proper is 24 inches in diameter, to a depth at which the pump is set. With the experience we now have, we are putting all these 24-inch wells to a depth of 200 feet; then below this 200 feet we continue on down with a 13-inch well to the bottom. This allows us to insert a submerged pump to a depth of 200 feet."

Finney
County
Kansas



Niquette
Pumping
Plant



bored into the gravel that carries apparently unlimited water, and these are in operation. This suggests in a very general way something of the territory where a water supply is being proven for irrigation by pumping. Only one of these big upland wells was finished for business in 1911. That was the famous Lough well, in Scott county, which irrigated 180 acres that year, and is capable of watering 320 acres. In spite of the trying and most unfavorable season of 1911, most excellent crops in great variety were raised by irrigation that year on the Lough place. This year Mr. Lough reports equally satisfying results. July 28 he wrote:

"I have cut my alfalfa twice and the third cutting is almost ready. I believe by crowding it with water I could get five cuttings each season, aggregating at least 5 tons per acre. Flax, kafir, milo, sorghum,

In Sheridan, Sherman, Thomas and Cheyenne, in the northwest; in Scott, in the central west; in Finney, Kearny, Hamilton and Gray through which courses the Arkansas river; in Meade, on the southern border; in Morton, in the extreme southwest corner, and Stanton adjoining it on the north, are various irrigation projects, the water supply being artesian flow, or from rivers, creeks and wells.

The deep upland wells seem to promise great possibilities. Developments and experiences of the last 18 months demonstrate quite conclusively not only that water is available in western Kansas but that it may be economically raised for irrigating extensive areas.

F. D. Coburn

The Farmers Mail and Breeze

PUBLISHED WEEKLY AT
Eighth and Jackson Streets, Topeka, Kansas.

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Changes in advertisements or orders to discontinue advertisements must reach us not later than Saturday morning, one week in advance of the date of publication. We begin to make up the paper on Saturday. An ad cannot be stopped or changed after it is inserted in a page and the page has been electrotyped. New advertisements can be accepted any time Monday. The earlier orders and advertising copy are in our hands the better service we can give the advertiser.



PASSING COMMENT

by
T. A. McNeal.

MR. WILSON AND HIS PLATFORM. The first clause of the Democratic national platform reads as follows:

"We declare it to be a fundamental principle of the Democratic party that the federal government under the constitution has no right or power to impose or collect tariff duties except for one purpose of revenue."

Now that language seems reasonably explicit. A tariff levied purely for revenue should have in it no purpose of protection. It should be levied solely on such articles as are not manufactured or produced in this country. That certainly means free trade so far as manufactured articles are concerned and it certainly means free trade so far as the raw material produced in this country is concerned. If it does not mean that then I am entirely unable to understand the language used by the gentlemen who drafted that platform.

That these gentlemen expected it would be so understood is further evidenced by the following language which I find further along in the platform which reads as follows:

"We recognize that our system of tariff taxation is intimately connected with the business of the country and we favor the ultimate attainment of the principles we advocate by legislation that will not injure or destroy legitimate industry."

Now what is the "ultimate attainment of the principles" spoken of? Why, there can be but one interpretation of that language. The ultimate attainment is the total elimination of protection. It might seem at first glance that the first clause in the platform is inconsistent with the one just quoted, because the first emphatically declares that congress has no "right or power to collect tariff duties except for revenue" but the framers of the platform would make this defense I presume:

They would say that it would be unwise to disturb business by suddenly changing the system. In other words, they propose to kill the dog by commencing at the tail and cutting off a chunk at a time until they have finally destroyed the dog.

It might be admitted that even granting that all tariff duties that afford protection to American manufactures or to American raw products are wrong in principle but that it would not be wise to suddenly make a change that would necessarily derange business. So I am not disposed to criticize this seeming inconsistency in the platform, but that it means ultimate free trade so far as our manufactured products are concerned, seems certain.

I supposed that Governor Wilson was standing squarely on the platform but in his recent speech at Pittsburg where the protective sentiment is particularly strong, Mr. Wilson used the following language:

"The Democratic party does not propose free trade or anything approaching free trade. It proposes merely a reconsideration of the tariff sched-

ules such as will adjust them to the actual business conditions and interests of the country."

Now if that speech can be reconciled with the language of the platform by anyone I confess he does not understand language as I do. Mr. Wilson says that the Democratic party does not propose free trade or anything that approaches free trade. Well, what in the world does it propose? Has it any policy? Was the language of the platform intended to deceive the people, or was Mr. Wilson talking to get protectionist votes in Pittsburg?

I have had a high opinion of the courage and consistency of Mr. Wilson, but I must say that either he does not agree with his platform or else he has shifted his line of argument to gain support in the state of Pennsylvania which is and has been for many years strongly protective. The language of Mr. Wilson the candidate does not seem some way to tally with the talk of Mr. Wilson when not a candidate. Most of our idols seem to have feet of clay.

The truth is, I think, that a very large majority of the citizens of this country are in favor of the principle of protection. A majority of them object strongly to the abuse of the privileges that certain manufacturing concerns have had under tariff laws but they are not opposed to the principle of protection.

They know very well that it would be impossible, for example, to compete in the manufacturing business with Japan where skilled workmen toil for 12 hours per day for a wage of from 25 to 50 cents, unless wages in this country were reduced to somewhere near the same level. That proposition is so self evident that it does not require argument.

What they have objected to and what they had a right to object to was that labor which is the only thing in the manufacturing plant that is entitled to protection, has not received its full share of the benefit.

They have also objected to the taking advantage in some cases of high tariff duties to build up monopolies. They have also discovered that in the case of the tariff on woolen goods the duties were so framed as to give a great advantage to certain woolen manufacturers to the detriment of other manufacturers who were entitled to equal protection. But they are not in favor of a tariff for revenue only, a tariff that would eliminate the protective principle entirely.

It would appear from his Pittsburg speech that Mr. Wilson has found out what the sentiment of the people is on this matter and is trying to get away from the declaration of his platform.

THE DEVELOPMENT OF SOUTHWEST KANSAS.

The map makers for 1913 will show eight new towns in southwestern Kansas, along the new line of the Atchison, Topeka & Santa Fe railway which is in course of construction from Dodge City to Colmor, New Mexico.

Five of these towns already have breathed the breath of municipal life, and the sound of the carpenter's hammer and saw is heard at all hours of the day, and then some. They are Ensign, Montezuma and Copeland, in Gray county, and Sublet and Satanta, in Haskell county, southwest from Dodge City, and about 12 miles apart.

The first building on each townsite was the Santa Fe depot; the second, a real estate office; the third, a general store; and the fourth, a garage. A town without a garage would be like a college that is minus the Cardamon Seed Quartet, and the "railroadless counties" are not the exception to prove this rule.

Besides depot, real estate office and garage, each town shows the following improvements: Ensign, two elevators, two lumber yards, two general stores, a livery stable, a hotel, three residences completed and three going up; Montezuma, three stores, three lumber yards, two elevators, one blacksmith shop, one real estate office, one hotel, five residences completed and three going up; Copeland, two stores, two lumber yards, one hotel, four residences completed, and two going up; Sublet, two stores, one livery stable, one lumber yard, six residences completed and three going up; Satanta, necessary yards for a junction point, two stores, two lumber yards, six residences completed, four residences and an elevator going up.

A survey has been made northeast from Satanta, through Ulysses in Grant county to Johnson in Stanton county, but plans for construction work in this territory have not been made. The main line of the cut-off will be pushed from Satanta southwest through Stevens county, touching Hugoton, and through Morton county to what will be known as Point Rocks, near the Oklahoma border, 128 miles from Dodge City. Point Rocks will be the division point. There will be a town between Satanta and Hugoton, and another between Hugoton and Point Rocks.

The town of Point Rocks will take its name from a great pile of stone which has been a landmark in that section from a time whereof the memory of man runneth not to the contrary. On these rocks are names carved, bearing the date 1850. From the top of this rocky eminence, one can see to the limit of one's eye power. Point Rocks and the two other new towns will be laid out soon.

Sublet and Satanta are rivals with Santa Fe for the county seat of Haskell county. Steve Cave, a farmer statesman who killed off the prairie dogs in

western Kansas as successfully as St. Patrick got rid of Ireland's snake nuisance, has moved from Santa Fe to Sublet, and is one of the shining lights of the Sublet county seat boom. The election has not yet been called.

Montezuma has been born again, as it were. In the late 80's, A. T. Soule of Hop Bitters fame, started a railroad known as the Dodge City, Montezuma and Trinidad. He built from Dodge City to Montezuma, and for a few years the latter enjoyed a high class boom. In the early 90's the road went "broke" the track was taken up, and Montezuma fell to rise again only when the Santa Fe began the construction of the Colmor cut-off.

When the Santa Fe decided to build the cut-off from Dodge City to the southwest, its first step was to buy 350,000 acres of land in the counties in Kansas to be traversed by the new line and sell it to actual settlers in small tracts, at reasonable prices, and on long time payments.

A country without people is not profitable to a railroad company, so the land sale plan was devised as the strongest population puller. The plan proved to be a winner. The company has sold most of its land in Gray county, where the railroad is finished, and land is going rapidly in Haskell, where work is now in progress, and in Stevens and Morton, where work soon will be in progress.

Purchasers of these lands are required to pay only one-eighth down, no payment the second year, and then one-eighth every year until all the payments are made. There is a provision in the contract for carrying farmers over lean years without payment, if they so desire. Lands in these localities generally sell from \$8 to \$15 an acre, according to location. Some lands near the towns sell for a good deal more.

The lands are very fertile, and the water supply is abundant, at from 50 to 150 feet. The crops are wheat, Kafir corn, milo maize, broomcorn, sweet potatoes, sorghum and melons. These grow in abundance. Farmers are putting in a heavy wheat acreage this fall, having been encouraged by the good crop just harvested.

The horse disease was felt in the southwest counties, but not so seriously as in the territory farther north. A good many tractor outfits operate in this section, and these, with the well horses and mules, enabled the farmers to get their wheat planted in good season.

The Dodge City-Colmor cut-off will shorten the Santa Fe line to the Pacific coast about 50 miles, and save the heavy pull over the Raton mountains. It is expected that in time, when the new roadbed is settled, and the company gets around to having the track rock ballasted, according to the main line standard, some of the fast California trains will run that way.

WHY HE IS FOR ROOSEVELT.

The following letter has been received from a subscriber in Eldorado:

Editor Mail and Breeze—I beg to express my appreciation of this week's "Passing Comment," especially your judicial analysis of matters political in reference to presidential candidates. I was born and reared a Democrat, but have to vote for Roosevelt because he seems to be the only one who can be friendly to the trusts as their master and not their tool.
C. M. MUTZ.
Eldorado, Kan.

Along the line of Mr. Mutz's letter, I was talking the other day to a gentleman who has occasion frequently to visit New York. He told me of a conversation he had had with a prominent Wall Street business man who has made a financial success to a pronounced degree.

To the surprise of this friend of mine the Wall Street business man made the frank admission that the control of the business of the country is rapidly concentrating in a few hands. He stated that if matters went on for four more years as they have been going on for the past few years, the men who would absolutely dictate to all business enterprises of any magnitude could be counted on the fingers of one hand.

This Wall Street man declared that the only man running for president who would be able to prevent this was Theodore Roosevelt. He stated that small but tremendously powerful financial oligarchy had no fear of either Wilson or Taft. This was not because Wilson or Taft were dishonest or meant to help deliver the finances of the country over into the hands of this powerful few, but because neither one of them would be able to prevent it. In short, these able financiers believe that if either Taft or Wilson is elected they will be the masters of the situation, while if Roosevelt is elected, he will be the master of the situation. Whether they are right or wrong in their conclusion, their view of the situation is certainly worth considering.

MORE COMPLAINT ABOUT SCHOOL BOOKS.

Editor Mail and Breeze—I have read with interest the discussion that has been on in the

Mail and Breeze on the school book question. Now I am not a kicker but am making a lamentable statement of facts from recent experience. Owing to restrictions in agency contracts no dealer in our town would undertake the job. The board of education took up the matter and the job of making the exchange was put on to me.

When the books were collected, amounting to some 300 copies, I took them to Anthony and the good-natured agent for the Kansas Book company succeeded in finding 36 copies that he was willing to accept. I sent one of the most abused of the

books left on my hands to State Superintendent Fairchild, explained the situation and asked what the nature of the contract for exchange was.

He very generously took the book to the Kansas Book company and informed me that they considered the book as acceptable, and that they had taken up many books in a much worse condition.

The result is that the people of this county have had to pay hundreds of dollars in cash for books which their old books should have paid for.

Our school has been in session five weeks and yet there are about one-fourth of the books needed that we have been unable to buy.

I am for state publication and conditions of distribution so that every town in the state can have an agency.

Yours for Arthur Capper and state school books.
A. H. BARBER.

Bluff City, Kan.

This is only one of a good many similar complaints. It seems to me that the only remedy is a change of the system.

IN FAVOR OF MACADAM ROADS.

Editor Mail and Breeze—I have read Mr. Capper's article concerning "Wasting of Road Money," and while I

believe he is perfectly earnest in his advice to make and maintain good roads by means of persistent use of the road drag, he is absolutely wrong because he does not see what will be the end.

Suppose Mr. Capper had lived at the time when the ancient Romans were beginning operations to make good roads in Europe, and he had advised them, instead of making macadam roads, to make good roads by the persistent and intelligent use of the road drag, and they had followed his advice until this day. What would the result have been?

With all these hundreds of years of continued dragging, instead of having macadam roads which through all these many years might have stood as monuments of skill, good sense and foresight, we would have ditches or ravines of different depths, resembling the great canyons of Colorado.

Milford, Kan.

JOHN HEINZ.

After traveling for hundreds of miles over country roads in Kansas in all parts of the state, a few of them rock roads, some of them well kept dirt roads and others just roads that evidently nobody kept, I

Why Kansas Should Elect Capper Governor

We appeal to the patriotic citizens of Kansas, without regard to party affiliations, to support Arthur Capper, the Republican nominee for Governor.

We make this appeal in the firm belief that the people of Kansas are broad-minded and patriotic and are truly desirous of securing the most efficient and the most economical administration of public affairs.

Arthur Capper has never held public office and has no entangling alliances with party cliques or factions. He has no political debts to pay; he is under obligations to no special interests, no factions, no boss, but will take the office with clean hands and a clear conscience, free to serve the best interests of the whole state without favoritism and without prejudice.

He is a native Kansan, who has shown his ability to handle large affairs, by developing and owning at the age of 47, one of the largest publishing houses in the entire country, giving regular employment to more than 600 people.

He looks upon the Governor of the state as the Business Manager of the state's affairs, and he can be depended upon to bring to the state's service the same ability, the same efficiency, the same methods of economy, the same principles of square dealing and justice, the same rugged honesty, which has made his own business so successful.

As an editor and publisher he has always stood for the rights of the people and has opposed the injustices which arise from Special Privileges. As Governor he will make aggressive war upon all forms of inefficiency, graft and political corruption, whether found within his own party or outside of it.

He stands committed to the lowest taxes consistent with efficient public service in a growing state; for the elimination of graft in all its forms; for keeping out the hangers-on, the jobbers and the political leeches who feed from the public treasury; for abolishing the fee-grabbing system in all county and state offices; for the elimination of all useless officials, clerks and commissions; for the reduction of excessive salaries and extravagant appropriations; for less technicality and more justice in the courts; for legislative acts free from loop-holes and jokers; for an inheritance tax exemption of not less than \$25,000; for the printing of school books by the state and distribution at cost; for strict and impartial enforcement of all laws—in short, for a clean and straight policy in handling the business of the state so as to effect the greatest good to the greatest number.

Arthur Capper will not attempt to build up a personal machine. He is making no revolutionary promises; but no man has higher ideals of the public service; no man has greater ability for the performing of the tasks that confront Kansas today, and no man can do more to give Kansas a clean, progressive state government.

He will respect his oath of office to the letter; he will be on the job six days in the week—and you can depend upon him.

If you believe in justice to all the people; if you believe in economy in public affairs; if you believe in keeping Kansas in the front rank, vote for Arthur Capper on November 5th.

CAPPER-FOR-GOVERNOR CLUB,
W. A. Neiswanger, President.

have become an enthusiastic advocate of the dragged road.

A rock road is expensive to build and expensive to maintain. If it is not properly cared for, it soon becomes about as bad a kind of road as can be imagined.

Of course a well built and well cared for rock road is about the finest road in the world, but my observation in Kansas has been that most of the rock roads were not built right to begin with and that they are not properly cared for after they are made.

A well drained, well graded dirt road, kept properly dragged is a beautiful road at least 11 months out of the year on the average in Kansas, and when it is good there is no road that is a finer driveway.

Proper drainage is almost the whole thing in making a dirt road. Without proper drainage it is impossible to keep a dirt road in good order in a country where there is much rain and snow. If the road is properly drained it can be kept in splendid order at a very small cost. I am most emphatically for the well graded, well drained and well dragged dirt road.

Observations by Old Cy.

"It is a fine thing to have a reputation for bein' on the square, but the feller who builds up that kind of reputation, particularly if he tries to amount to something, must expect that the knockers are goin' to get busy, and unless he is mighty careful they will find some place in his armor that is weak.

"The man who never did anything that he is ashamed of is hardly human and some knocker is pretty certain to find out something or other that the good man would rather not have dragged out.

"It doesn't hurt the feller who is an all around son-of-a-gun to have things told on him, because he has no reputation to lose. If you start stories about his personal character it rather helps him and all his friends will commence hollerin' 'Mud slingin'!' 'Mud slingin'!' and like as not they will get the sympathy of a number of middlin' good people.

"If a story is started on a square man, however, there are a lot of people who are ready to believe it and help peddle it around. If the knockers on the good man don't really know of anything to his discredit it doesn't make much difference, they will start a lie, and a lie told often enough will do the business about as well as if the story were actually true.

"There are a certain number of people who just naturally hate a man who is square. I was readin' the other day the story of that old Greek, Aristides. He was a mighty progressive sort of a duck and right on the square. He never knocked down a dollar even in a time when that was common. He did the best there was in him to make things better for Greece and he helped a lot, but the knockers and grafters hated him and started stories on him which they made a lot of ignorant ginks believe. They had a way to get even with him if they could only make enough people believe in their knocks.

"So they commenced to stir things up against Aristides. Knockers would get into a crowd on the street corner and the conversation would turn on Aristides. Some man who was sort of friendly to him would meebly say that Aristides was a good man for Greece.

"Right there was where the knocker would get in his work. He would say, 'I haven't anything personal against Aristides, him and me has been friendly enough, but I have heard a lot of things about him, that, if they are true, demonstrate to me that he isn't on the square. He is a first class advertiser, all right, and has worked the papers for a lot of guff about him being the best man that ever come down the pike and they have dubbed him 'Aristides the Just,' but if the whole truth was known it would probably show that he isn't any better than his neighbors and not half so good.

"Of course, I ain't tellin' what I have heard, but I got it pretty straight, though I don't pretend to say that I am talkin' from absolute personal knowledge. There are those, however, who don't hesitate to say that he is a grafter and that all this talk about his bein' a poor man is rot. They say he has his coin invested where the general public can't get onto it and that he is hidin' it away from the assessor. They also say that there are a lot of other things that will come out some of these days that will show just what kind of boodler and hypocrite he is.

"As I said, I'm not tellin' these things as bein' what I actually know, and I promised that I wouldn't give the man's name who told me in confidence, but since I have heard what I have heard, when these paid strikers for Aristides give me this talk about what he has done for Greece and how honest he is, I'm from Missouri. They will have to show me.

"Well, the knocker did just what he wanted to do. He poisoned the minds of that crowd against Aristides and he knew well enough that the hints he threw out about what he could tell if he only wanted to would grow right along. One loafer would add one thing and another another item until the story would be goin' the rounds that Aristides had robbed the treasury, robbed a lot of poor widows out of the last dollar they had and beat the face of his mother-in-law.

"So the time came when these knockers worked up enough sentiment against Aristides to drive him

out of the country. When it came to the vote one feller who didn't know Aristides from a side of sole leather met him on election day and asked him to write Aristides's name on his shell that he was goin' to vote.

"There," said the Greek, 'is one son-of-a-gun that I have it in for and I want to vote to fire him out of the country.'

"What do you know about this man Aristides?" asked Aristides, as he proceeded to fill out the ballot.

"Not a blamed thing."

"What has he ever done to you?" asked Aristides.

"Never did anything to me personally. I never saw him in my life, but this talk about his being on the level and just and all that sort of thing makes me sore and I propose to biff him one."

"And so the knockers got in their work and Aristides was fired. They found afterward that they had made a mistake and invited him to come home, but the knockers had him goin' south for quite a spell.

"So I say to you, young feller, that a reputation for bein' on the level and for standin' for the things that are right, is a fine thing. You will get a lot of satisfaction out of it and in the long run it will pay in more ways than one, but don't think the knockers are goin' to leave you alone. If you never amount to a whoop; if you never interfere in any way with the crooked deals that some other man is tryin' to put over; if you never object to boodlers in office or to officials who refuse to do their duty; in short, if you never get in the way of anybody, the knockers may not pay any attention to you, but if you really try to be on the square in a way that really amounts to something, you must expect that you are goin' to get stung every once in a while, and that you will be handed about as many bouquets of nettles as of roses."

Some Things in My Contract

The man who goes before the people as a candidate for any place of public trust owes it to them, as well as to himself, to make his position clear on all matters with which he may be expected to deal. These are some of the things that I stand for:

First and foremost let me say, I am for revision of taxes downward—township, county, city, as well as state, and do not lose sight of the fact that less than 15 per cent of your tax is levied by the state. I shall work for the lowest taxes consistent with efficient service in a growing state; for aggressive war upon all forms of inefficiency, graft and political corruption, whether found within my own party or outside of it. I have no more use for a crooked Republican than a crooked Democrat, or a crooked Progressive, or a crooked Socialist.

I am for a mortgage-recording tax and am opposed to double taxation in any form.

For all legislation which eliminates useless officials, clerks, commissions and boards, usually created to give easy jobs to political grafters and court house leeches—and one of these useless offices, permit me to say, is the job of county assessor, a position which should be abolished at the first opportunity.

I am for consolidation of boards and other public offices wherever possible. We can get along very nicely with just about half the district judges and other judicial officers we now have.

I am for straight salaries for county officials instead of the present fee-grabbing system.

I stand for a dollar's worth of service for every dollar of the people's money.

I favor prison for big thieves as well as small ones, and am opposed to paroles for bankers or any other convicts who secure special favors by reason of their wealth or influence.

I am for the election of United States senators, federal judges, and all public officials by direct vote of the people.

I favor a more efficient primary law, including a presidential preference which will permit the voters themselves to nominate the president of the United States.

I am for legislation to destroy the infamous schoolbook graft. I want to put a stop to this never-ending holdup, this everlasting changing of books, and so I am for state publication of text books and distribution to the people at actual cost.

I am most emphatically opposed to the present state inheritance tax. I am not in favor of the state taking one dollar from the widow or orphan who has been left a small estate which may be her sole means of support. It is just and right to tax the large inheritances, but the exemption for direct heirs should not be less than \$25,000.

I am for a practical, sensible good roads law that will do away with the wastefulness and inefficiency of the present system.

I am for legislation to increase the efficiency of the rural and grade schools and a fairer apportionment of public funds in the interest of the common schools.

And I am most emphatically for public officials who respect the oath of office and who regard their campaign promises as a binding agreement with the people who elect them.

Arthur Capper

My Idea of an Honest Car

By R. E. Olds, Designer

Here is what one must do, in my estimation, to build an honest car.

It adds immensely to the hidden cost. And many men would rather pay for showy folderols.

But in years to come—after long, hard use—these things alone give value to a car.

Cost About \$200

I spend on Reo the Fifth some \$200 more than I need to spend. To some men's minds this marks me an extremist.

But I have built cars for 25 years—60,000 of them. And I've learned the need for these precautions in cars that stand the strain.

So I economize by factory efficiency—by building all my own parts—by accepting small profit. And I put these savings into features which cut your cost of upkeep.

Things That Count

Since October 1 we are equipping this car with 34x4-inch tires. That adds 40 per cent to our tire cost, over 34 x 3½. But it adds 65 per cent to the average tire mileage, according to makers' figures.

I use in this car 190 drop forgings. They cost twice what castings cost. But they give to this car its wondrous lightness and strength. They also avoid flaws.

I use in this car 15 roller bearings—Timken and Hyatt High Duty. They cost five times as much as the common ball bearings, but they stand the strain. They endure.

High-Grade Steel

I use chrome nickel steel for rear axles and driving shaft, Vanadium steel for connections, manganese steel for crank shafts.

These steels are made to my formulas. And each lot of steel is analyzed twice to make sure that it meets requirements.

My springs are made from just the center one-third of the very finest steel ingots. They are tested to stand 100,000 vibrations.

All driving parts are made sufficient for a 45-horsepower car. That means a big margin of safety.

My gears are tested in a crushing machine, to stand 75,000 pounds.

More Hidden Costs

In my cooling system I use a centrifugal pump, to give positive circulation. A syphon would cost me \$10 less.

My carburetor is doubly heated—with hot air and hot water. That saves the endless troubles due to low-grade gasoline.

I use a \$75 magneto, to give a hot spark at low tension. Reo users start on their magnetos.

I use 14-inch brake drums for safety. I use seven-leaf springs, two inches wide. Rear springs 46 inches long.

Unusual Tests

Each engine is tested 20 hours on blocks and 28 hours in the chassis.

There are five long-continued tests.

Parts are ground over and over to get utter exactness. The various parts get a thousand inspections. And we limit our output to 50 cars daily, to give men ample time.

One of these cars was run for 10,000 miles—run at high speed, night and day, on rough roads—before I let a car go out. Think what it means to know that your car has stood all these arduous tests.

Each body is finished with 17 coats. It is deeply upholstered with genuine leather, filled with the best curled hair.

I use electric lights in the dash-

board and rear. And every detail shows the final touch.

Center Control

My new center control is a feature, I think, which you would not have omitted for \$100. All the gear shifting is done by moving one handle only three inches in each of four directions.

Both brakes are operated by foot pedals, so no levers interfere with the driver.

The driver sits on the left-hand side, close to the cars he passes. It is this way now in the finest cars.

What They Mean to You

These things to you mean safety and comfort. They mean long life to your car. They mean low cost of upkeep.

They mean a car without hidden flaws—a car that will stand the strain. They practically wipe out all the worries and troubles.

I could save, I judge, \$200 per car, if I built Reo the Fifth without them. And you would hardly know the difference at the start.

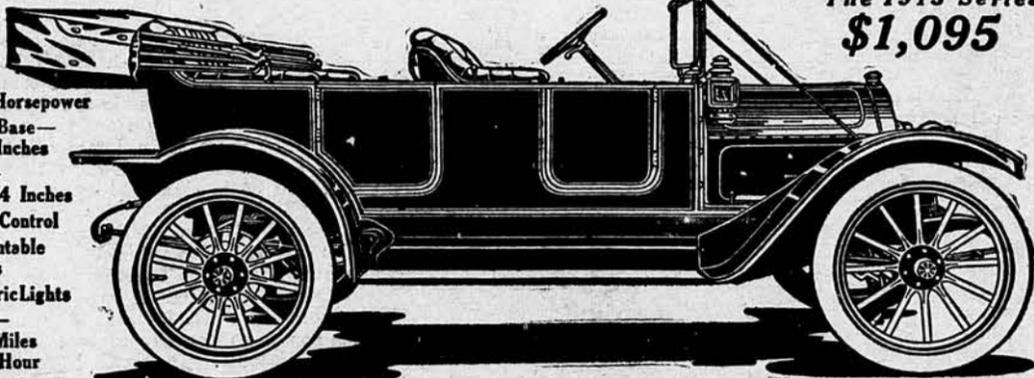
But upkeep and repairs might cost you five times the saving.

Cars, like houses, can be skimmed immensely, if men want to do it. But somebody pays in the long run.

I am building for men who want the utmost in cars—for men who have faith in me. And the demand for such cars is increasing. We could today sell twice our output if we had the cars.

A thousand dealers are ready to show the latest model of Reo the Fifth. Write for our new catalog, showing various bodies, and we'll direct you to the nearest salesroom.

Reo the Fifth
The 1913 Series
\$1,095



- 30-35 Horsepower
- Wheel Base—112 inches
- Tires—34 x 4 inches
- Center Control
- Demountable Rims
- 3 Electric Lights
- Speed—45 Miles per Hour
- Made with 2 and 5 Passenger Bodies

Top and windshield not included in price. We equip this car with mohair top, side curtains and slip cover, windshield, gas tank for headlights, speedometer and self-starter—all for \$100 extra (list price \$170).

R. M. Owen & Co. General Sales Agents for **Reo Motor Car Co., Lansing, Mich.**

Canadian Factory, St. Catharines, Ont.

FITTING HORSES FOR MARKET

THE amount of fat deposited on a horse increases his market value more than that of animals fattened for the block. It is also true that rations which cause an economical increase in weight may be generally considered economical in furnishing energy for work. For this reason it was considered advisable to obtain by experiment accurate information on the relative value of different feeds for fattening horses.



W. A. Cochel.

A ration of corn, oats and mixed hay was selected as a basic ration. Cottonseed meal was used in place of oats in one of the groups to determine whether the less expensive ration of corn, cottonseed meal and hay was as efficient as one of corn, oats and hay. As corn silage furnishes digestible nutrients at a lesser cost than any other roughage grown in the state, a ration of corn, cottonseed meal, hay and silage was used in comparison with one of corn, cottonseed meal and hay to determine whether horses could be fed silage without detriment to health or reducing the efficiency of the ration.

Twenty-one horses were used in the experiment. There were 18 geldings and three mares in the entire lot. The predominating blood was Percheron and Belgian and their ages varied from 4 to 18 years. The type represented what is known on the market as "chunks" or light draft. The horses were divided into three groups of seven each, as nearly equal in age, size, sex, condition, conformation, temperament, and weight as possible.

During the experiment the horses were tied in single stalls without exercise except when led to water twice a day and to the scale 100 feet from the barn. The temperature in the barn was warm enough so that water did not freeze at any time during the experiment.

Silage in the Ration Gives a Cheaper and Better Finish—Cottonseed vs. Oats

BY W. A. COCHEL

Dept. of Animal Husbandry Kansas Agricultural College

Before coming to Kansas to take charge of its department of animal husbandry W. A. Cochel concluded an investigation of various feeds in fattening draft horses. The results of this investigation have recently been published in Bulletin 117 by the Pennsylvania State College and will be found of interest and value to Kansas horsemen. The Mail and Breeze presents a fairly complete digest of the bulletin on this page.

The investigation proved that horses fed a ration containing silage made cheaper gains and finished sleeker and better than when silage wasn't used.

It was found silage can be fed to horses with safety when they are gradually accustomed to it.

Using cottonseed meal instead of oats resulted in larger gains at smaller cost and in higher finish in fattening, than when oats were fed.

The most profitable horses for feeding proved to be those showing draft blood and having clean, short legs, wide cannons, deep, wide chests and middles, and showing constitution and capacity.

The horses were fed 84 days from November 3 to January 26 and their rations were as follows:

Group I—Corn, cottonseed meal, corn silage, mixed hay.

Group II—Corn, cottonseed meal, mixed hay.

Group III—Corn, oats, mixed hay.

Grain was fed three times a day. All horses were started on the same amount of feed which was gradually increased until each horse was eating as much as he would clean up nicely. Groups II and III received hay both morning and evening, Group I silage in the morning and hay in the evening.

Each horse was started on a grain ration of 8 pounds per head daily, which was increased until the horses would no longer consume additional grain. Hay was fed at all times according to the appetite of the individual horses, care being used to prevent waste. Silage was fed to Group I at the rate of 5 pounds per head daily

at the beginning. This was increased gradually to 20 pounds which was all that the horses seemed to relish.

The prevailing prices of feed during this experiment were: Corn 50 cents, oats 35, cottonseed meal \$32 per ton, mixed hay (about half and half of timothy and clover) \$12 per ton, and corn silage \$2.50 a ton.

Group I, fed on cottonseed meal, corn silage and mixed hay made an average gain of 134.36 pounds per head at a cost of 13.4 cents per pound of gain.

Group II, fed on corn, cottonseed meal and mixed hay, made average gains of 149.53 pounds at a cost of 13.9 cents per pound.

Group III, which had the ration of corn, oats and mixed hay, made an average gain of 136.7 pounds at an expense of 17.77 cents per pound.

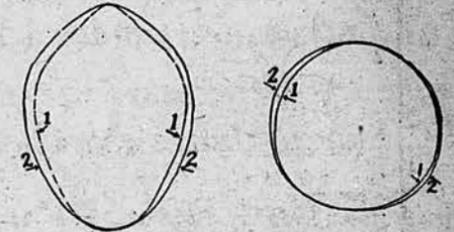
The feeding of corn silage resulted in a slight decrease in total grain consumption as well as a marked decrease

in roughage. When cottonseed meal was substituted for oats, the result was a marked decrease in the consumption of grain and a slight increase in that of hay.

The average gains made by horses weighing over 1,450 pounds at the beginning of the experiment were practically the same as those of lighter horses, which would seem to indicate that weight is not a controlling factor in making gains.

Mature horses 6 to 7 years old made more satisfactory gains than those 4 or 5 years of age. A higher finish was secured on the mature individuals.

The most profitable type of horse for feeding purposes is one that shows every evidence of draft breeding, with clean, short legs, wide cannon, depth and width in chest and middle, showing constitution and capacity throughout.



Outline No. 1 of left hand figure shows average form of horses' chests at beginning of fattening experiment and No. 2 at the close of the experiment. In the same way the right hand figure shows the average outlines of middle of paunch before and after the experiment.

A record of the outline of the chest and of the middle of the paunch of each individual horse was made at the beginning and close of the experiment for the purpose of determining where the fat was placed on the body. An average of chest and middle girths of the entire lot of horses is shown by the accompanying drawings.

One very marked change in the form of the chest is noted in the location of the point of greatest width, which is nearly 2 inches higher in the fat animal than in one in thin condition. There is a smoothness in outline and rotun-

(Continued on Page 21.)

FROM GRADES TO BETTER COWS

An Account of a Personal Experience Which Led to the Hoped-For Results

Written For Farmers Mail and Breeze

BY S. E. ROSS

Creston, Union County, Iowa

MY FAVORITE is the dairy cow and this little story of my beginning may interest the readers of Farmers Mail and Breeze and encourage them to take up the same work, or if they are already engaged in it to persevere in their efforts at betterment.

My first move was to get literature about the breed that suited my own individual likes. I chose the Holstein Friesian cow as best suited for my needs as she is large, kind and not of a nervous disposition. I don't assume to say she would suit every one but for the farm she is the cow, for her large flow of milk does make the pigs grow.

The first thing done was to get a purebred bull calf to cross on my grade cows. When the resulting heifers first freshened they gave more than their dams.

I did not know about testing till I got hold of dairy literature and began to study it.

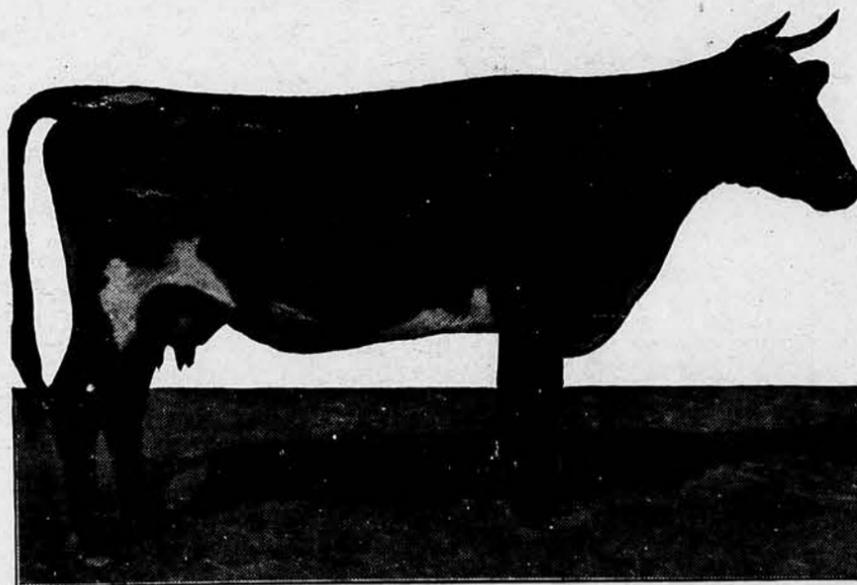
My second move was to look around and try to buy every grade Holstein cow I could. Those who had them wouldn't price them as these cows were scarce and were their best cows.

My third move was to get hold of a purebred heifer at a closing out sale. She had one calf and was bred. That one cow with first calf gave more than 8,000 pounds of milk running on pasture and reared a fine heifer calf for me afterwards. I didn't get her dry that year and I have since then learned something every day.

Let the young married people of today look for some dairy cows to help meet expenses and get a home, for the

cow will bring a profit every day. The only way out with poor cows is to get a purebred bull and breed up.

Only once in a while will a chance come along to get good cows. The only way to find out which are your good cows



A grade Holstein discovered by Mr. Ross which won second place as a producer in a state contest against 107 other cows. Under ordinarily good farm care her record for 312 days was milk, 6,393 pounds; butterfat, 405.056

is to weigh their milk every day and have a composite test taken from each one's milk once a month for one day. The creamery men are always glad to make this test for you, or your state college will do it for you.

My care of the cow varies. One cow will consume a small amount of feed, the next a large amount. The cow that has the capacity to eat a large amount of feed I find usually makes enough to pay for all the extra feed.

My favorite feed for calves as soon as they can eat is oats mixed with a small amount of corn, using judgment not to overfeed. I like clover hay but corn fodder is good roughage. Silage, when you have a silo, is your June grass in winter to grow the youngsters. Keep them in a clean, well-bedded shed with plenty of light and fresh air. All young stock need plenty of feed. The silo will pay for itself in a short time. I have a tile silo 14 by 36. Wood is just as good as long as it lasts but I have my objections to any cheap kind of wood.

When the hot weather of July arrives, about the 15th, I begin to feed green corn to cows that milk the year round. Last year in the hot dry weather I had a cow in a yearly test. Her daily feed was 6 pounds bran, 6 pounds dried beet pulp soaked, 1½ pounds cottonseed meal, 4 pounds shelled corn, and she was milked three times daily. Her record for 365 days was 18,471.8 pounds of milk, 631.7692 pounds butterfat. This cow finished her year's work in better condition than when she began.

To succeed you must like your dairy work. Dairying is the best kind of an investment as it is sure and safe.

What Farmers Are Thinking

You are cordially invited to air your opinions in this column, but the Mail and Breeze reserves the right to condense such statements as far as possible to give other contributors a chance to say something. Short, crisp expressions of opinion on matters of interest or consequence to farm folks are welcome. All contributors must take their turn.

PROGRESSIVE AT EIGHTY.

[Written for Farmers Mail and Breeze.]
Said Grandpa Jones to his good wife,
"Jane, bring my other coat,
I'm goin' this bright autumn day
Down to the polls to vote.

"I'm going to vote that ticket
As straight as e'er I can,
That reads at top in letters black,
'Progressive Republican!'

"There's Theodore for president,
Johnson, his running mate,
And Capper for gov'nor
Of our good old Sunflower state.

A native Kansan, tried and true—
What more could voter ask?
A man who'll do his duty too
No matter what the task.

"He's made much of his affairs,
He'll do well for the state,
Now, wife, I must be a goin';
You would not have me late.

"For I want to be progressive;
My vote will count one more;
And I'll feel I've done my duty
When this campaign is o'er."
—Mrs. C. D. Awtry.
Cedar Bluffs, Kan.

Help Is Needed, Not Advice.

Mr. Editor—A call has been sent out for a conference at Hutchinson, that will teach farmers to get more out of their land. Granges, commercial clubs, railroads, bankers' associations and most all other organizations are asked to send delegates to this distinguished gathering that is to show the dear farmer what to do. By a careful study of the list we find that the various organizations likely to be represented are 2 to the farmers' 1.

The farmer is patient and long suffering. If he were not so he could not endure the mass of impractical advice heaped upon him by those who do not understand his business. What the farmer needs more than anything else is a better way of getting a just portion for what he may have to sell. There are too many

A DOCTOR'S TRIALS He Sometimes Gets Sick Like Other People.

Even doing good to people is hard work if you have too much of it to do. An overworked Ohio doctor tells his experience:

"About three years ago as the result of doing two men's work, attending a large practice and looking after the details of another business, my health broke down completely, and I was little better than a physical wreck.

"I suffered from indigestion and constipation, loss of weight and appetite, bloating and pain after meals, loss of memory and lack of nerve force for continued mental application.

"I became irritable, easily angered and despondent without cause. The heart's action became irregular and weak, with frequent attacks of palpitation during the first hour or two after retiring.

"Some Grape-Nuts and cut bananas came for my lunch one day and pleased me particularly with the result. I got more satisfaction from it than from anything I had eaten for months, and on further investigation and use, adopted Grape-Nuts for my morning and evening meals, served usually with cream and a sprinkle of salt or sugar.

"My improvement was rapid and permanent, in weight as well as in physical and mental endurance. In a word, I am filled with the joy of living again, and continue the daily use of Grape-Nuts for breakfast and often for the evening meal.

"The little pamphlet, 'The Road to Wellville,' found in pkgs., is invariably saved and handed to some needy patient along with the indicated remedy."

"There's a reason."
Name given by Postum Co., Battle Creek, Mich.

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

deadheads between the producer and consumer.

Then the man on the farm is not so much in need of advice as he is of good labor to help him do as well as he knows how. Should he follow the advice of conferences, professors and colleges he would soon need to ask for appropriations the same as the colleges do. F. E. Wentz.
Burlington, Kan.

True enough, yet in the main not correct. Colleges are not intended to be self-supporting any more than other public schools. The force of a good many arguments printed in this column is weakened by the tendency of their writers to be a bit unfair or too sweeping in their statements—to see things only through pea-green glasses. The general assumption that every other man's hand and interest is against that of the man on the farm is wrong. It was never more generally recognized than now that the well-being and prosperity of the man who is farming is the most important thing in the welfare of the nation. Roosevelt has been preaching and promoting that doctrine for years. We should not be and are not a divided people, our best interests are common interests. Class feeling and hatred are wicked and detrimental. The people generally want the man on the farm to have a square deal and are ready to help him get it. The comparatively fewer selfish interests, all those which are contending for special privileges, they consider, to this extent, to be the enemies of all. No doubt there will be much talk at the Hutchinson conference but good will come of it. One of the noteworthy papers, by the way, will take up co-operation by farmers—the biggest thing in sight for farm people. It will be presented by President Waters of Kansas Agricultural college who is a warm advocate of the movement. The president of the conference is Edwin Taylor, a well known and successful Kansas farmer. On the whole this conference means an organized effort to try to do something in Kansas and we will do better to boost it than to knock on it.—Editor's Note.

Capper Suits Him Exactly.

Mr. Editor—I am another Democrat who is for Arthur Capper for governor. He is a home product and also a self-made man. He has made a successful business man and has made it honestly, and I think will make us one of the best governors we have had for some time. His principles suit me exactly and I believe he will use good judgment in fulfilling the office of governor, and I also believe he will be one of the most economical governors we have had for some time. William Brock.
Marienthal, Kan.

Farm Woman's View of Roosevelt.

Mr. Editor—If the ideas of a country woman are worth anything allow me to suggest to Silas D. Warner that "A festering sore brings forth the loudest wail" and Roosevelt's popularity seems to be a tender spot in the sides of his opponents. Their inability to make a wallflower out of him, or to make him go way back and sit down, seems to sting them and in

Capper or Hodges—By W. A. White

W. A. White, national committeeman for Kansas of the Progressive party, manager of the Roosevelt campaign in this state, and editor of the Emporia Gazette, is the author of the following editorial in his paper:

"The esteemed Kansas City Star is the most independent paper in the world. Sometimes it leans backwards. It seems to be doing so in setting forth no distinction between Arthur Capper and Senator Hodges, as gubernatorial candidates. The Star maintains that as Capper is a progressive Republican and Hodges is a progressive Democrat, the Progressives have the choice between two good progressives—which is true as far as it goes. But there is this to be added: Capper is a Republican who is supporting Roosevelt; Hodges is a Democrat who is opposing Roosevelt. Hodges is appealing to the standpat Republicans and maligning the work done by the Progressives in Kansas, during the past eight years. Capper is making his campaign upon the record of Stubbs and the Progressives. Hodges is going about over the state, claiming that the record of Stubbs and

their wrath they bring charges—which, even if true, amount to nothing.

Roosevelt is only human. It's easy to understand how he could be mistaken in the character of Taft. Such mistakes occur every day, between brother and brother, parent and child, husband and wife.

I would not consider it sacrilegious to attempt to reform our English spelling—a reform is needed, every school boy knows that.

It is not clear to me how God could be greatly honored by His name on a coin which the devil constantly uses to besmirch humanity. If this be Roosevelt's only sin he is in line for canonization.

It is not in keeping with the policy which Roosevelt represents to bow to old customs which have nothing to recommend them but age.

The old order changeth, yielding place to new,
And God fulfills himself in many ways,
Lest one good custom should corrupt the world.

Mrs. Dot Edmondson.
Wynnewood, Okla.

Capper's Progressivism O. K.

Mr. Editor—I am supporting the candidacy of Mr. Capper for governor for the following reasons: First, the greatest prerequisites for the office are ability and character; these Mr. Capper possesses in the highest degree. Second, this is an era of progress in government, business, religion and politics. Mr. Capper is a progressive of the most pronounced type. Third, Kansas is a big business corporation and must have an experienced business man at its head and Mr. Capper is the man that can handle the office. J. W. Glick.
Weskan, Kan.

Ballot Would Protect Women.

Mr. Editor—No one knows better than the farmer how a wife stands by her husband's side, and shoulder to shoulder helps him pay for the farm. No one knows better than he how she labors to raise the family and help build up a competency for their old age. Should the husband outlive the wife, her interests are protected; but should he die first the widow is handicapped in protecting the property against taxation and unjust discrimination. Her name counts for little against the name of voters, or the "pull" of someone with votes behind him.

There is no just way but for all persons of sound mind, regardless of sex, race or nationality, to have a voice in the making and enforcement of the laws under which they live. Taxation without representation is tyranny. Our grandfathers and great grandfathers fought for this principle. Living conditions of today demand that all persons have a right to express themselves at the polls that their interests may be protected.

Mrs. D. G. N.
Shawnee county, Kansas.

Preferred a Horse.

Mrs. Flynn—They do be after sayin' that old man Kelly has got locomothor ataxy.

Mr. Flynn—Well, he's got the money to run wan av thim if he wants ter, but fer my par-t I'd rather have a good horse anny day.—Judge.



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JAYHAWKER FARM DOIN'S

BY H. C. HATCH, GRIDLEY, KANSAS.

We like to get the experiences, views and opinions of "our folks" on any farm or livestock subject particularly if reasonable and likely to help some of us who may need the information. Your letters are always welcome. Subscriptions to Farmers Mail and Breeze or other good publications for best letters received. Address Editor Farmers Mail and Breeze, Topeka, Kan.

There is a large acreage of Kafir corn still to be cut in this section. Much of it is frost killed but some on the hills is as green as ever. We cannot see that there is anything gained by letting frost-killed Kafir stand any longer.

There is still a silo or two to fill in this neighborhood, but they are at work on them now. They are being filled with Kafir, part of which was killed by frost. Where it is killed considerable water will have to be used to get the silage to pack.

Apples are quite plentiful here, but nearly all are smaller than usual. This is due to the dry weather. Their small size makes them almost unsalable, especially to ship, for the market this fall is overloaded with small apples. Owners of orchards are charging 50 cents for hand-picked apples, which is as cheap as they can be picked and marketed.

A pretty good use to make of much of the frost-bitten Kafir is to get the hogs to eating it as soon as possible. It will be of a green cast when threshed and it is likely will not bring a high price on the market. The best thing to do with it is to feed it on the farm.

Our hogs are now doing well on a ration of 1/2 new Kafir and 1/2 new corn. We feed some of both at night and morning and at noon give them slop made of wheat shorts and what refuse there is from the house. They are very enthusiastic about this slop and meet the feeder considerably more than half way.

On each sack of mill feed now sold in this state there is—or should be—a tag stating just what feeding value it has. Of the wheat shorts we have bought there has been a big difference in the protein contained in it. One batch had

only 14 per cent, while the last lot contained more than 19. The price charged was the same, but the last lot was far the best and was really worth more by 25 cents per hundred.

Before the law was passed which demands inspection of feeding stuffs we used to get some mighty poor mill feeds. One lot which we bought shortly before the law went into effect smelled like hardwood sawdust and the hogs would hardly touch it. We showed it to one man who had fed large quantities of mill feeds and who was a good judge of them and he said that it was half rice hulls.

Wheat shorts now have to be wheat products or there will be something doing. If you get any mill feeds which you have reason to think adulterated save the sack and send a sample to the Agricultural college at Manhattan for analysis. However, we think adulteration of mill feeds is now rare, as the chance of getting caught is too great. Some shorts have a great deal of ground bran in them, but it is a wheat product, and if the feeding content on the tag is not placed too high the stuff is within the law.

Slop of some kind should be fed whenever much of the grain ration is composed of Kafir. It is best, of course, to use slop at all times even if no Kafir is fed, but Kafir corn is very constipating and something should be given to counteract this tendency. Our hogs have the run of good pasture in addition to the slop, so no constipation is manifested, although half their grain ration is Kafir.

Our hog pasture is of rape sown last April. It lived through the summer. Since the cool weather came on it has taken on a new growth and the hogs like it very much. When it does live over the summer in this way it makes the best of fall pasture, for it will live and grow until killing freezes come in winter. It takes more than the small freezes of October and November to kill it and it thrives and grows better during the cool weather of those two months.

We think the reason this rape lived through the summer, which we have never had it do before, is due to two things. First it was not pastured so heavily as common; there were 20 fewer head of hogs on this 3-acre pasture than usual. We usually have about 70 head, but this summer pastured only 50. Then the summer was rather dry, but not dry enough to kill the rape. A wet summer is hard on rape when it is pastured heavily by hogs, as they tread it in and destroy it. If there was enough moisture we see no reason why rape could not be sown in this part of the state about the first of September and have it furnish a good lot of pasture during the late fall months. It would be cheaper than buying much mill feed.

We see that the government crop report credits Kansas with 212 million bushels of corn this year and gives Nebraska 230 million. If it is all the same to the U. S. department of agriculture, we don't believe this. We don't believe that so much corn has been raised in either state. Good judges, expert men at the business, who have traveled all over Kansas, set the amount at 170 million bushels and give Nebraska about the same. There is a big effort being made to put down the price of grains and a good way to do it is to report larger crops than have been raised. But farmers are well posted on conditions these days and few will get scared if an attempt is made to put the price of corn down below what is reasonable to start with.

No better way of feeding Kafir to hogs can be found right now than on the head directly from the field. But

after the grain gets hard we believe it should either be ground or soaked. In warm weather the threshed grain may be soaked whole and if the soaking material can be composed of milk and house slop so much the better. If it is ground it makes it a lot better to mix with it 1-3 or 1/4 wheat shorts and soak together. If fed on the head in warm weather it can be put in a tank and water enough put on to cover it. It will soak up nicely in this way and hogs like it much better than if fed hard and dry. We must figure out all the ways we can to feed this grain out on the farm, for Kansas has raised a lot of it this year and some of it is not going to be very salable. It is said that Kansas and Oklahoma together have produced almost 100 million bushels of Kafir this year.

By filling silos for others, the two silo-filling outfits owned in this vicinity have been doing a good business since the owners finished filling their own silos. We look for this to become a business in a short time, the same as threshing. Some man will own the whole outfit and will go about filling silos as they now do threshing. The man who already owns an engine could equip himself for silo-filling quite cheaply. If we are not mistaken the cost of the cutter is \$225, so that if he already had an engine he could equip himself for the work as cheaply as he could for shelling corn. The price being paid here is 25 cents per ton. This would make the cost of filling the average 150-ton silo about \$37.50. This is cheaper than a man could do it himself if he had to buy the outfit, or even a share in it, and it also is a good thing for the men doing the work. To fill a 150-ton silo takes about a day and a half, which would make the rate \$25 per day for the work. There is no costly separator to run, and taking it altogether, we think this arrangement would be a good thing for both the owner of the outfit and the owner of the silo.

Dr. McCampbell's Promotion

Among the changes incidental to the new school year at Kansas Agricultural college is noted the promotion of Dr. C. W. McCampbell to be assistant professor of animal husbandry. The promotion is not only well merited and deserved but will be so considered by those who know him best. Coming originally from a farm in Wabaunsee county Dr. McCampbell has not only made good as a student and teacher at Kansas Agricultural college, but has shown marked ability in his chosen work. He directed the now historic horse-feeding test conducted by the government in co-operation with the state of Kansas at Ft. Riley and has served with much credit as secretary of the State Livestock Registry association which has done so much to put horse breeding on its feet in Kansas. His usefulness and ability have been amply demonstrated.

Grain Lower Than in 3 Years

The average of farm prices of important crops, corn, wheat, oats, barley, rye, flaxseed, potatoes, tobacco, cotton and hay, which represent about three-fourths of the value of all crops, declined 6.5 per cent from September 1 to October 1, which compares with a decline of 2.5 per cent in the same period last year, and an average decline of 3.1 per cent during September of the last four years. On October 1 the average of farm prices of the above named crops was about 6.8 per cent lower than on like date of 1911, 0.9 per cent lower than in 1910, 1.5 per cent lower than in 1909 and 1.1 per cent higher than in 1908, on like dates.

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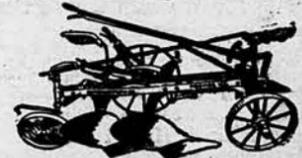
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Ten Eyck's Replies

TO FARM QUESTIONS

Conducted for Farmers Mail and Breeze by A. M. TenEyck, Superintendent Fort Hays Branch Experiment Station, of Kansas Agricultural College, Hays, Kansas.

Can Prairie Grass Be Reseeded?

Can the native prairie grass of Kansas be replaced by seed of bluestem or by other means so as to get a sod in fields that have been under cultivation?—C. M., Chicago, Ill.

I have tried to seed native bluestem grass in small areas several times without much success. It seems the seed is often low in vitality, also the seed is difficult to secure.

It is possible and practicable to re-establish Buffalo grass and other grasses of western Kansas by transplanting small portions of sod. We are trying that method at this station in a small way with very good success. Buffalo grass may be fully established in two years by planting pieces of sod 6 inches square in furrows 4 feet apart, the sod plants being placed about 2 feet apart in the furrows. I am mailing circular letter giving further information on this method.

I have heard of an eastern Colorado farmer who started a meadow of big bluestem grass by transplanting pieces of the sod and letting the grass reseed itself, harrowing and disking early in the spring to cover the seed which drops to the ground late in fall. I am planning to try this method at this station.

A. M. TenEyck.

May Not Be Alfalfa At All.

Is there more than one variety of alfalfa? I have a field of alfalfa that is 6 years old this fall and have never cut a crop from it, yet it is a good stand though it never gets over 6 inches high.—H. C. S., Piedmont, Okla.

There are several varieties of alfalfa, such as the common alfalfa, the Turkestan alfalfa and the Grimm alfalfa, but these varieties are much alike, varying only in hardness, the Grimm and Turkestan being better adapted for northern growing. Several of our western varieties are also considered to be more drought resistant than alfalfa which is grown further east.

I doubt whether the crop described is really alfalfa. It is more like Yellow trefoil (*Medicago lupulina*). The seed of this plant has been substituted for alfalfa and it is used to adulterate alfalfa seed. It is a dwarf growing plant, with reclining stems. The trefoil has yellow blossoms and can be easily identified when it blooms.

If you are in doubt as to whether this is trefoil send a sample of the plant at blooming time to your Agricultural college, at Stillwater, for identification. If it is Yellow trefoil it is of little value, and the sooner you break the field and get it planted with other crops the better.

A. M. TenEyck.

Best Kafir for Western Kansas.

I noticed in the Mail and Breeze that you had some Dwarf Black Hulled white Kafir. Is it equal or superior to the larger kind? I want to raise it more for the grain than the fodder.—W. G., Gove county, Kansas.

For growing in western Kansas, I think the Dwarf Black Hulled white Kafir No. 340, which we are growing at the station is superior to other kinds, superior even to our White hulled white, which we have been growing and improving for several years. This variety came from the U. S. department of agriculture, and has been tested here in a small way for several years. This is the first year we have grown it on a large scale. We have a field of 70 acres this year and it is fine, estimated to yield 40 bushels of seed per acre. It matures a week earlier than the White hulled white and two or three weeks earlier than the Standard Black Hulled white. This year's growth is 3 1/2 to 4 feet in height and very even. We shall harvest our crop with the grain header this fall and stack in narrow stacks in the field, threshing later when the seed is fully dry. Usually we prefer to harvest all Kafir with the corn binder and put in shocks, heading and threshing later, but early frost has injured the fodder this season, also, we have more of the larger Kafir for fodder than we can use.

This season we planted about 3

pounds of Kafir seed per acre, in shallow listed furrows 4-5 inches deep, and 3 1/2 feet apart, and the stand was excellent, just right to make the best seed crop. We have sold 45,000 pounds of this seed to the U. S. department of agriculture, but will have as much more, to distribute to farmers. Price per bushel, \$1.25 for graded seed sacked f.o.b. Hays.

A. M. TenEyck.

What Kind of Packer to Use.

What experience have you had with a surface packer and mulcher on the wheat in the spring and for preparing land for alfalfa? Have some circulars on rollers. What one would you advise getting?—W. H. T., Phillips county, Kansas.

I advise you to purchase a subsurface packer, if you purchase any soil compacting implement. The subsurface packer does the kind of work required to firm the soil without pulverizing the surface too much. Also, I have found it superior to surface packers for using on winter wheat in the spring.

You may prepare a proper seedbed for alfalfa without the use of the subsurface packer. Begin the preparation several months before the time of seeding and depend on the rains and natural settling of the soil, with such surface cultivation as may be required after plowing, to destroy weeds and maintain a soil mulch to conserve the moisture.

However, a subsurface packer is a good implement to have on every western farm. Under certain conditions it is the only implement which will do the kind of work required. Surface packers and rollers pulverize the soil too much at the surface and favor blowing of soil in strong winds and such an implement cannot be recommended for general use in western Kansas.

A. M. TenEyck.

Improving Over-Cropped Land.

Our land is black gumbo, very good for wheat and alfalfa, but it's hard to get a good stand of corn on it. This land has been farmed for more than 30 years and it needs something. I bought a manure spreader and we are going to run it all the year. This spring I also bought a one horse Bradley corn drill with a fertilizer attachment and a wide press wheel behind to follow up the lister and see if I can't get a better stand of corn. I should like to use fertilizer in my drill. What kind would you advise me to use?—L. H. S., Paxico, Kan.

You are like a lot of other Kansas farmers who have suddenly realized that their soil is "sick," or "wornout" some call it, and they at once want to give it some "patent medicine" and make it quickly "well" and productive again. This will not succeed with a sick soil any more than it will with a sick man who has allowed disease to work on him for years until it has become chronic and can only be cured, if at all, by proper, long-time treatment.

The best thing you can do is just what you have begun. Manure this land as rapidly as possible, and plow it deeply. The manure usually had better be applied as a surface dressing and plowed under shallow or mixed with the soil by disking. But deep plowing is advisable in order to bring new soil to the surface and improve the soil texture. Prefer to plow deeply in the fall.

Or you may use green manuring crops such as Sand vetch or Winter rye sown in the fall and plowed under, after pasturing, in the spring or early summer. Or plant cowpeas in rotation with corn and wheat or as a catch crop after wheat and plow the crop under for green manure in the fall, pasturing some if desired, and plant with corn the next spring. At the Experiment station at Manhattan, as an average for five years' trial, I secure an annual increase of 12 bushels of corn per acre by using cowpeas in this way. Also plant more alfalfa and use the crop in rotation with other crops, plowing up the old fields.

You will find these simple remedies which I have described more effective and much cheaper than "patent medicine" fertilizers. In fact I doubt whether your land in its present condition will be benefited much by the application of commercial fertilizers, but certain fertilizers may be used to advantage sometimes along with the manure and the plowing under of green crops. You might use a phosphate fertilizer in this way, either bone meal or ground phosphate rock or superphosphate.

Your soil in its present condition, is lacking in organic matter and nitrogen. The only chemical fertilizer which is likely to have much immediate effect is a nitrogen fertilizer, such as nitrate

(Continued on Page 39.)

Clothing Merchants

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City Style *Glide* Country Service

for 1913

THE GLIDE "36-42" is the car for the country because its *quality* will withstand the hardest service over roughest roads. Yet it is the choice of particular city buyers also, because added to this structural quality it has the style, grace and superb finish to make it envied on the boulevard.

The simplicity and accessibility of its parts make the GLIDE practically trouble proof.

You don't ever have to pump the tires by hand! The new GLIDE Motor-Driven Tire Pump does away forever with all the tedious effort and hard work of hand pumping.

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And there's no hand cranking of the engine to start. The GLIDE Self-Starter is sure of a spark, regardless of whether the points of the Magneto are together or not.

The GLIDE Center Control is simplicity itself and enables driver to get out of the car quickly and comfortably on either side. The left side drive means ease and safety of driving—you can see your margin of road ahead. The GLIDE is a car for women as well as men—convenient, safe, clean.

Write NOW for 1913 Bulletin describing and illustrating the GLIDE "36-42" in detail, in both 2 and 4-passenger styles. Get your pencil out right now and drop us a postal before you forget.

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CAPPER BOYS CORN CLUB



Founded 1907

by Arthur Capper

Letters are beginning to come in from the Capper boy corn growers, saying they expect to be on hand for the Fifth Annual Show and Reunion, Saturday, December 14, 1912.

December 14 seems quite a ways off yet but as arrangements for entertaining those who come involve a good deal of preparation, you boys who expect to attend, if nothing happens, should write at once to L. J. Van Laeys, Capper building, Topeka, Kan., who has charge of reunion arrangements. Simply notify him you expect to attend and he will arrange with you in regard to having your railroad fare and expenses paid to and from Topeka and while you are attending the show and reunion.

Any boy belonging to the club may consider himself cordially invited to attend both reunion and show, but he should notify Mr. Van Laeys immediately that he hopes or expects to come, if his expenses are to be provided for. If you think you can attend write him at once.

The following program has been prepared:

Reunion Program.

- 9:00 a. m.—Automobile Trip Over Topeka.
- 10:30 a. m.—Meeting in the Capper Building. Address of Welcome by Mr. Capper; Reports of Committees; Election of Officers; Selection of Next Meeting Place; General Business, etc.; Awarding of Prizes.
- 12:30 p. m.—Luncheon at Commercial Club. Music by one of Kansas' best Orchestras. Speaking.
- 2:00 p. m.—Special Matinee. Theater.
- 4:30 p. m.—Experience Meeting. General Discussions, etc.
- 6:00 p. m.—Dinner.

Thirty minutes (8 to 8:30 p. m.) will be set aside to give the members an opportunity to shake hands and bid goodbye to members who are leaving on early trains. Special entertainment will be arranged for members leaving on late trains.

Dennis Watson Again Champion.

It may interest Capper boys to know that Member Dennis Watson the 15-year-old Oklahoma boy who won first place for Oklahoma in last year's Capper boys corn show, has taken first prize in the Oklahoma state contest this fall. Young Watson did the same trick in his state contest last year. The Chandler Review, the Watsons' home paper has this to say of the contest down there: "Dennis Watson again won first state prize on yellow corn, and his brother, Noble, took

first on popcorn. Beats all how Lincoln county seems to lead in everything every time. But other counties may not have any Watson boys."

If the Oklahoma boys are going to beat Dennis at raising corn they will have to get up early in the morning. The picture in the heading at the top of this page is a likeness of Dennis, taken last year, and shows him with some of his prize corn.

Some Reports From the Boys.

Member A. W. Ormsbee, Route 3, Smith Center, Kan., writes that he expects to attend the show and tells about the corn he has out. He says: "I planted my corn this year with a one-row lister, disked it twice, cultivated it once and cut out the weeds once. I did not get a very good stand. I expect to attend the show."

Harry Ormsbee, probably a brother of A. W., has a thin stand but will have a fair yield. He writes: "I am a member of the Capper Boys' Corn Club and have an acre of corn out. I broke the stalks April 18 and listed my corn the last part of May. The stand is thin but I will have a fair yield. Please send me a blank form for the acre report."

Ira Worthington, Argonia, Kan., writes that his corn is not extra good but he is going to send some any way so people who attend the show may see what kind of corn they can raise out there in Sumner county. "My corn is Boone County White," writes Ira. "I listed the corn in about the first week in May, disking the ground ahead of the lister. It came up well, making an even stand although I had not tested the seed. When it was young the river rose and flooded the patch but it made pretty fair corn. I don't think it is so extra good but will try to send some to show what kind of corn we raise here."

When to Send Corn—Acre Reports.

Reports in the Capper Boys' acre-yield contest are to be made on or before December 1, 1912, to the Secretary of the Capper Boys' Corn Club, Topeka, Kan. A blank form for the acre report will be sent to every boy who writes for it.

The boys who will compete for the single-ear prizes are to ship their corn to the Secretary of the Capper Boys' Corn Club, Topeka, Kan., not later than December 7 and not before December 1. Directions for shipping the corn will be published soon.

Form a Quail Protective Club

Save Our Friend Bob White From Extermination

Insect pests, especially chinch bugs, have seldom been so numerous and destructive as this season and a good many theories have been advanced accounting for these outbreaks. As plausible a reason as Farmers Mail and Breeze has yet heard is that the natural enemies of these pests, the quail and other insect-eating birds, were so badly thinned out by the severe weather last winter that the task of keeping these pests in check was too big a one for the few survivors. The question that now confronts farm folk is this: Shall we stand by and see the remnant of our feathered friends and the broods they have raised, ruthlessly slaughtered when the quail season opens November 15?

The crow of a single quail has been found to contain as high as 150 chinch bugs. This was probably one day's work for Bob White and from this basis it will be easy to figure what a single flock of quails could do in one season. Yet after November 15 next these little friends of the man on the farm will be killed by the thousands to satisfy what some men call "sport."

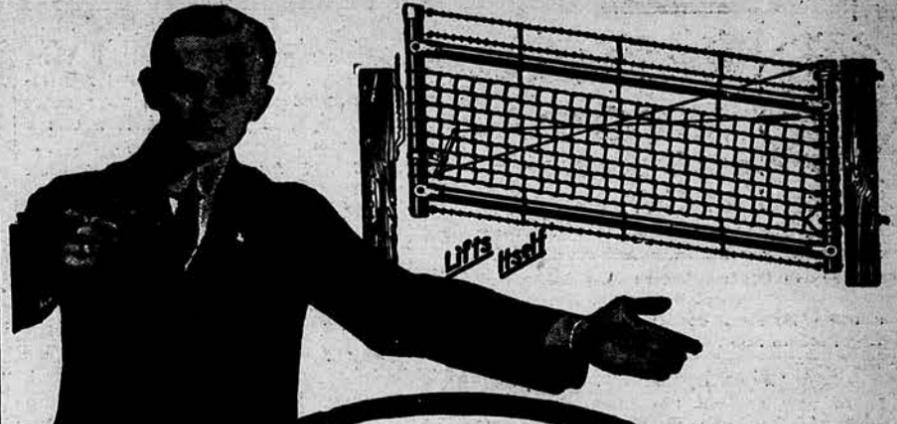
Last season Farmers Mail and Breeze suggested the formation of Quail Protective clubs and such organizations were formed in all parts of the state. All did effective work. Farmers Mail and Breeze urges these clubs to re-organize and where there were none before that some enter-

prising citizen take the lead, call a meeting of his neighbors, draw up an agreement in as few words as possible and send copies of this out for every man in the community to sign. A good place to start the ball rolling would be at your next farmers' institute or grange meeting.

These clubs start business by warning hunters through the local papers, with every man's name published under the notice. In case of a prosecution it has been found a good plan to let the organization as a whole take charge of it, the expense being covered by a small assessment on each member since each one would benefit by it. One or two prosecutions would quickly generate a wholesome respect among hunters for that neighborhood. It is within our power to stop this annual slaughter of the birds, besides putting an end to killing and wounding stock, breaking down fences, starting fires, etc. Why not exercise that power and placard your farm?

The present law provides that no quail may be shot between the dates of December 1 to November 15. During the open season, no quail or other wild game bird may be shot at or killed while sitting on the ground or water, unless wounded and no wild game bird may be shot at or killed earlier than one hour before sunrise or later than one hour

(Continued on Page 39.)



I Guarantee My American Self-Lifting Galvanized Steel Gate to Outlive Any Other Farm Gate Ever Made!

I figure to sell you but one American Self-Lifting Galvanized Steel Gate for each opening—you will never need a second gate for the same opening. When you equip an opening with my gate, your gate trouble is ended so far as that opening is concerned. You will never need to replace it—the frame, couplings, hinges and spring will never need repair. This I guarantee.

The American Self-Lifting Galvanized Steel Gate

has, and is, ending gate trouble for the leading railroads, farmers, ranchmen everywhere—and is used and indorsed by the U. S. Government. It is Hog-tight and Bull-strong. It has won First Prize at every State Fair wherever exhibited. It is the guaranteed Perfect Farm Gate—not Automatic, but Self-Lifting. It is made of two-inch high-carbon drawn steel tubing—heavier and stronger than any other gate made and all couplings are made of the same steel. Other gates use cast couplings. They break and you know it. It is galvanized. It is five feet high (most other gates are four and one-half feet high). It is adjustable and will swing over uneven ground or snow. It sits plumb on sagging or knotty posts. It has both Ratchet and Loop lock and is therefore hog-tight and bull-strong. It will not sag or drag. It is made to full size of fence opening. Its hinges are suitable for all standard wood posts (for concrete or stone posts proper hinges are supplied). It can be opened with ease by woman or child. It is securely and strongly made. It is the one perfect farm gate. USE THE GATE THREE YEARS and if you do not find it to be exactly as your dealer and my Company represent it, return the gate and get your money back. Write me today personally for dealer's name and my free illustrated descriptive gate booklet.

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Feeds & Feeding

QUESTIONS ANSWERED
by Prof. G. C. Wheeler
(Address queries to Farmers Mail and Breeze)

All Matter Contributed to this Column by Prof. Wheeler, Expert in Animal Husbandry, Extension Service, of Kansas Agricultural College, Bears His Signature.

"Finnicky" Horse.

I am now feeding the third cutting of alfalfa hay which was cured without getting any moisture on it. It is in the best of condition but my horse will not eat it. He will eat the second cutting. Why is this and how may the hay be treated so he will eat it?—W. S. H., Cherryvale, Kan.

It is hard to understand why a horse will eat of one cutting of alfalfa and refuse another cutting. It is probably due to an individual peculiarity of the horse in question. Sprinkling the hay with a diluted solution of molasses will probably overcome this difficulty.

Dr. C. W. McCampbell.

Cane Risky for Mares in Foal.

Will cane that was sown broadcast and headed cause mares in foal to throw their colts? What is the best time to cut cane for horse feed?—A. E. R., Manhattan, Kan.

Feeding cane hay to horses, especially to mares in foal, is always more or less risky, especially in the eastern half of Kansas. This risk is due not to any particular property of the cane itself, but rather to the difficulty in getting cane hay properly cured and to the smut, molds, fungus and bacterial growths which develop rapidly on cane when it is not properly cured. Better feed something else to mares in foal, to be on the safe side. The proper time to cut cane for horse feeding is when the head is in the "hard dough" stage of development. Circular No. 25, published by the Kansas Experiment station, discusses in detail the growing, curing and handling of cane.

Dr. C. W. McCampbell.

How Much Corn Does a Pig Eat?

Can you tell me how much corn the average hog consumes from the time he begins eating corn until he weighs 225 pounds?—P. B. W., Pawnee, Okla.

The amount of grain required to grow and finish hogs up to various weights has been carefully worked out by W. A. Henry of Wisconsin Agricultural college

JOHN S. DAWSON,

Attorney General, Writes an Open Letter to the Kansas Voters.

Gentlemen: I beg to solicit your support in my race for a second term as Attorney General. I have been connected with the State's law business for 10 years. As assistant attorney general for six years and as attorney for the State Board of Railroad Commissioners for nearly two years I worked faithfully for the public in all the hard drudgery which makes up the life of a public prosecutor. Two years ago the people promoted me to the place I now hold. I gave up all my private law business and have devoted my entire time to the State's business. I have fought its legal battles in all the courts of the country. I have saved the two-cent passenger fare in Kansas when my brethren, the Attorneys General of neighboring states have lost out. I have diligently attended to the State's side of the criminal cases appealed from all over the State to the Supreme Court. I have tried to be a careful and conscientious adviser to the county attorneys and State officers and official boards. Never have I hesitated to do an unpleasant or unpopular duty. I have hammered and pounded and raided and chased and captured more criminals of all sorts than any Attorney General was ever called upon to do before. All this class and their friends and sympathizers will vote against me, for

"No rogue e'er felt the halter draw With good opinion of the law."

Nor do that kind have a good opinion of the prosecuting officer who sets the law upon them.

If you can see your way clear to vote for me I will continue to do my best for the good of the State, to protect its interests and its sovereignty, and to deserve a continuance of your goodwill.

Yours respectfully,
JOHN S. DAWSON.
(Advertisement)

in his textbook "Feeds and Feeding." The following data giving the results of more than 500 experiments at various American experiment stations involving more than 2,200 pigs, is given in this book:

Av. wgt. pigs, lbs.	No. of animals fed	Av. feed per day, lbs.	Av. gain per day, lbs.	Feed gain, 100 lbs. lbs.
38	174	2.2	0.8	293
78	417	3.4	0.8	400
128	495	4.8	1.1	437
174	489	5.9	1.2	482
226	300	6.6	1.3	498
271	223	7.4	1.5	511
320	105	7.5	1.4	535

This table would make it appear that on the average a pig weighing 225 pounds has consumed about 930 pounds of grain, or 16 bushels of corn or its equivalent.

G. C. Wheeler.

Feeding Fine Cut Stover.

What do you think is the best way of feeding cattle with feed cut up in a feed cutter? Would a mixture of corn fodder, Kafir, and alfalfa bring better results steamed in a feed cooker or should it be fed dry?—F. E. K., Rossville, Kan.

Where rough feeds are run through a feed cutter, it is necessary to use feed bunks with high sides to keep the food from being pushed out and wasted on the ground.

A vast amount of experimental work has been carried on in years past to determine the value of cooking feeds for stock. Any one reviewing this literature carefully, would necessarily come to the conclusion that so far as profit is concerned, nothing is to be gained by cooking or steaming various feeds for animals. Tests in Germany with roughage feeds demonstrate that in every case the per cent of digestibility of the nutrients and especially the protein, was reduced by the cooking process. The same results with grains were secured in the Geneva Experiment station in New York. An occasional allowance of cooked grain or bran is valuable for some animals. In feeding for shows it might be profitable to cook feeds for the various animals because of the higher finish which it might produce. In such cases this might be profitable whereas with ordinary feed it would be decidedly unprofitable. The cooking of feed should not be confused with the use of warm feeds in the winter. The use of warm feeds in the winter for swine is especially advantageous.

The use of silos as a means of storing and preserving the cheap feeds of the farm, such as the corn fodder, Kafir, etc. is the most profitable method of securing high returns from this class of feeds.

G. C. Wheeler.

Would Tamworths Do Well Here?

I saw the Tamworth hogs at our state fair and was told they would subsist and do better on less grain than other breeds. Northwest Oklahoma is much like western Kansas. We can raise forage in abundance such as cane, oats, peas, grass, etc. Would the Tamworth hog be suited here where we cannot raise alfalfa and where grain costs too much to feed hogs? Do the packers want the Tamworths?—G. E. I., Gage, Okla.

The Tamworth breed of hogs has not become very popular in this part of the country. They are distinctly a bacon type of hog, having very thin, lean hams, rather light shoulders, and stand on long legs. Good specimens of the breed should have very long, deep sides and the carcass should show a very superior mixture of the lean and fat, producing a high quality of bacon. They are especially noted for the production of large litters, and the mothers are extremely good sucklers. As a grazing pig, or rustler, they perhaps have a distinct place. In temperament they are very active and inclined to be restless. The disposition is usually kind and gentle, however, in spite of this restless temperament.

It is impossible to grow any kind of hog without some grain. It is probable that the Tamworth can be grown successfully with a more limited amount of grain than most other breeds. Apparently they are not particularly in demand by the various packing companies, although some of the packing houses do make a specialty of purchasing bacon types of hogs. They are good feeders and will make large gains in the feeding lot. As a general thing they are not considered to be as early in maturity as the breeds with which we are more familiar. They have met with perhaps more favor among our stock men in the production of crosses of the breed and some of the quicker maturing breeds.

For more complete information I would suggest that you correspond with Mr. E.

N. Ball, Secretary of the Tamworth Swine Record Association, at Hamburg, Mich.
G. C. Wheeler.

Box Feeder for Alfalfa.

G. E. Morton of the Wyoming Experiment station recommends an alfalfa feeding box used in connection with the hog-feeding experiments carried on at that station. The covered box keeps the hay dry and avoids considerable waste. The hay can only be pulled out through the holes, a little at a time, so that very little is trampled on and wasted. The box is 6 feet long, 20 inches wide and 20 inches deep. The round holes are about 10 inches in diameter but for pigs it is better to have them a little smaller than this.



Causes of Stalk Poisoning.

When the growth of corn or sorghum is stunted, the stalks in many cases become poisonous. Growth may be stunted by dry weather. Late plants may be stunted by cool weather. There is always more or less danger of poisoning after a dry year. Corn that is cut up into shock fodder and sorghum that is mowed and cured up as hay lose their poisonous property and are perfectly safe to use. The poisonous principle is a compound, which, during the process of mastication or digestion, is broken up and results in the formation of prussic acid. This is a deadly poison. Cattle in pasturing on stunted corn or sorghum often drop dead instantly. Dr. D. F. Luckey, of Missouri, says he has seen heavy losses in stalk fields where healthy cattle at night would be found dead in the morning. The poison often disappears from a stalk field, so that a field upon which cattle die, may a few weeks later, be used with safety. There is no way to tell when the field is safe, except to try it, and the experiment may prove costly.

Sheep Men Should Boost Mutton.

At this time there is considerable complaint from consumers with regard to the high cost of beef and pork. Yet sheep and lamb meats are selling at ridiculously low prices, relatively speaking. Late last week Swift & Co., Chicago, quoted wholesale prime round dressed lambs at 11 to 11½ cents per pound, against 25 cents per pound for No. 1 beef ribs, 27 cents for No. 1 loins and 12½ cents for rounds. These prices were also in striking contrast with wholesale cost of hog products. If the agricultural department at Washington and the state agricultural colleges were to educate the public on how to buy and prepare the different cuts of sheep and lamb meats for the table, it would prove a great benefit to producers and consumers. The fact is, the sheep industry has been too long neglected. Sheep breeders and sheep feeders should see that their product is given the right kind of publicity.

Chicago, Ill. C. A. Klemm.

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FARMERS MAIL AND BREEZE, the greatest farm weekly in the West. If your subscription to the Mail and Breeze has not expired we will credit you ahead for one year. Send your order at once. Address Farmers Mail and Breeze, Topeka, Kan.

Three weeks before freshening, it is well to begin feeding the cow a little bran. Start with 2 pounds a day and gradually increase the amount.



57 Varieties of Saving Work

We know of 57 ways a gas engine can be used on a farm. You'll find more ways.

You can use one for everything from splitting wood to separating cream. We'd like to show you how to save time and earn money with a gas engine.

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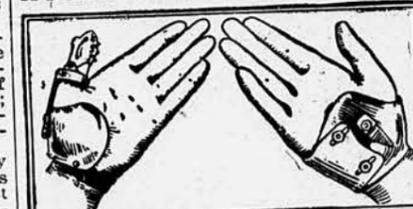
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INTO THIS BOOK

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By Dan Sayre Groesbeck

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VETERINARY ADVICE

Conducted for Farmers Mail and Breeze
BY DR. F. S. SCHOENLEBER,
Professor of Veterinary Science
Kansas Agricultural College.

Our readers are invited to consult Dr. Schoenleber in an advisory way in case of trouble with livestock. Be sure to state the history of the case, location of the disease and the conditions under which animal has been kept. If a horse state weight. Also write across the top of your letter to be answered in Farmers Mail and Breeze and always sign name in full. Unsigned inquiries will not be answered. Answers will be published in turn.

Chronic Indigestion.

I have a calf about 11 months old that has been ailing since it was 3 months old. Instead of sucking its cud after chewing it, it drops it out of its mouth. It is very poor and weak. In this indigestion and what can I do for it?—S. P. Falco, Kan.

There is no doubt but the calf is troubled with chronic indigestion. This indigestion may be due to some obstruction or foreign body in the stomach. Sometimes hair balls will cause the trouble. I would suggest that you give it 1/4 pound of Epsom salts in a little water as a drench. After the effects of the laxative have passed, give a tablespoonful of the following mixture mornings and nights in a little water, or in the feed: Bicarbonate of soda, 1/4 pound; charcoal, 2 ounces; pulverized nux vomica, 2 ounces; common salt, 4 ounces; ginger, 4 ounces.

Effects of Thrush.

I have a horse 9 years old that will work well on any kind of load. He can also be ridden bareback but after riding him with a saddle on for a time he will hardly be able to get around next morning. He seems to be affected worst in the front parts and his forefeet have a bad odor at times. What is this and what can be done for it?—J. M. R., Wetumka, Okla.

I do not see why the saddle should have any ill effects on the horse any more than the other harness. I think the trouble in the feet is due to thrush produced by dirt and filth. I would suggest that you wash the feet thoroughly, removing all loose parts of the horn and then dust the soles and frogs with boracic acid or calomel. The animal should be kept on a clean, dry surface. It will require a good deal of care and persistent treatment to overcome this condition.

Worm Medicine.

I have a mare 5 years old that has worms the year around but more in fall and winter than other seasons. Have tried several stock tonics but they have done no good. What would you advise?—W. M., Cassoday, Kan.

The following condition powder has been used with fairly good success for the treatment of worms in horses: Sulphate of iron 1/2 pound; pulverized gentian, 1/2 pound; charcoal, 1/4 pound; licorice root, 1/4 pound; common salt, 1/2 pound. Give a heaping tablespoonful twice daily in feed. At the end of two weeks give the animal 1 quart of raw linseed oil and an ounce and a half of oil of turpentine at one dose as a drench. This treatment can be carried out for two or three periods and is intended for a horse of 1,000 to 1,200 pounds. The size of the dose should be changed for a larger or smaller animal.

Sore Shoulder—Cow Pox.

(1) I have a horse that had a lump on his shoulder just where the traces pull from the collar. He was worked once after the lump was noticed and it opened and has been a running sore since. He now limps on that side.

(2) One of my cows calved about six weeks ago and lately blisters about the size of a quarter have appeared on her teats. A yellowish water runs out when the blisters open. What can I do for these cases?—W. F., Witten, S. D.

1. It is possible that a lump has formed from the bruise caused by the collar or tug which will have to be cut out before recovery will take place. Sometimes we get fairly good results from painting the enlargement with iodine.

2. The trouble with your cow may be due to a form of skin disease similar to cow pox, and I would suggest that you give 1/4 of a pound of Epsom salts daily for three or four days and bathe the udder with a 2 per cent solution of boracic acid or sulphate of zinc.

Treatment for Garget.

I bought an 8-year-old Jersey cow that calved June 25. Soon after calving her milk becameropy in one quarter and later affected different quarters one at a time. There was no inflammation at first until about the middle of August when half of her udder became caked and swollen and all her milk thickened. After her udder

caked the milk flow fell off from 3 1/2 to about 1 1/2 gallons. Can this trouble be cured? Is garget a curable disease?—A. D., Elmer, Okla.

The trouble with your cow is probably an infectious form of garget and not garget due to an injury. This condition is more difficult to overcome than the ordinary form. It is possible that the cow will be troubled more or less until she goes dry. I would suggest that you keep the udder absolutely clean by washing it with 2 per cent of boracic acid. Give the cow 1/4 pound of Epsom salts in a little water once daily for four days, then follow it with table-spoonful doses of tincture of poke root once daily for a week or 10 days. This treatment may be resumed after giving the animal a rest for two weeks.

Poor Teeth or Anaemia.

I have a mare 13 or 14 years old whose bowels seem to be out of order most of the time. They are very loose and although she eats greedily she is in poor condition. She can hardly get up and I keep her in a stall at night. She had a colic August 1 that seems to be doing fairly well as the mare appears to have plenty of milk.—G. F. M., Bolcourt, Kan.

It is possible that your animal is suffering from pernicious anaemia. I would suggest, however, that you have a competent veterinarian make a thorough examination to determine whether her teeth are in good shape or not, as frequently the teeth are the cause of the poor condition in horses. I would suggest that you feed the animal 2 table-spoonful of Fowler's Solution, once daily for two weeks, then discontinue for two weeks when the treatment may be resumed.

After Effects of Distemper.

I have a draft mare 3 years old that had the distemper last spring and it broke at the throat. A short time after breaking I discovered that her breathing was difficult, on account of the cartilage partition between the nostrils being swelled. In seven weeks she has improved but little. What can I do for her?—G. E., Vesper, Kan.

The difficulty in breathing with your horse may be due to the thickening of the septum between the nostrils or may be due to some trouble in the throat. Time may improve the condition somewhat and for treatment, I would suggest that you get 1 ounce of iodide of potash, divided into 8 powders, and give 1 powder daily until the 8 powders are used up. After two weeks, give the same treatment over again. This line of treatment may be continued for from 4 to 6 periods.

Bloody Milk.

I have a cow 4 years old with her second calf and she is giving bloody milk. She never did this until she had her last calf. Is there any cure for this?—G. H., Coats, Kan.

What can be done for my cow that gives bloody milk? I supposed when she came fresh her milk would be all right but it remains the same if not worse. She is in fine shape, bowels loose, runs on timothy and clover pasture. I have given her some salts and also some saltpetre without any effect so far.—V. S., Walnut, Kan.

Bloody milk is usually the result of an injury or a rupture of capillary in a heavy milker without any apparent injury. In the latter case the trouble is difficult to overcome owing to the highly developed condition of the organ. Where it is a result of an injury, as soon as that injury is repaired the bloody milk is overcome. I would suggest that you bathe the udder with cold water twice daily and give a teaspoonful of tincture of iron twice daily in a little bran or in some water as a drench.

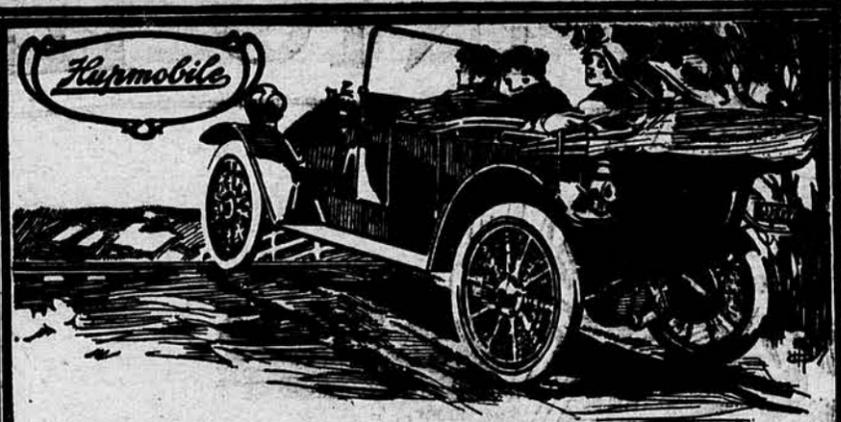
Symptoms of Indigestion.

I have a calf 7 weeks old that throws up its food when chewing its cud. It will swallow a cud but in bringing up another it throws up grass and water. The calf is poor but eats all right and drinks its milk and water. What is this trouble?—G. R., Herington, Kan.

I think your calf is suffering from indigestion. It is possible, however, that the trouble may be due to some obstruction which prevents the food from passing from the stomach into the intestines. If this should be the case, you cannot hope for a recovery. If it is merely a case of indigestion, you will probably get good results from giving the animal 3 or 4 table-spoonful of Epsom salts in a little water as a drench and by giving a table-spoonful of the following mixture in a little water twice daily: Bicarbonate of soda, 1/4 pound; charcoal, 1/4 pound; pulverized gentian, 1/4 pound; pulverized nux vomica, 2 ounces.

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Dairy Farming

CONDUCTED FOR FARMERS MAIL AND BREEZE BY A. G. KITTELL.

This department aims to be a free-for-all experience exchange for our folks who keep milk cows. We are glad to hear from you often. A Mail and Breeze subscription and other prizes awarded each week for helpful or interesting letters or bits of dairy news.

Beef is high but butter and cream are higher.

Back of many a shortage in the dairy business is a poor sire.

Separating cold milk means that some cream will remain in the skimmilk.

If the cream is still warm after separating, don't put the lid on the can down tight.

To get top prices for farm crops, try selling them to the dairy cow or the goat.

If the hired man is careful with the cows a few of his faults may be overlooked.

Letting the calf run with a hard milker has been found to help matters in many cases.

Next to using a Babcock machine a pretty good test of milk may be made by putting samples in tumblers and noting the thickness of the cream several hours later.

Experiments have shown that it costs only a fourth as much to raise a calf on skimmilk as on whole milk. About 8 pounds of grain with the proper amount of skimmilk, equals in feeding value a pound of butter fat.

In Case of Caked Udder.

Mr. Editor—I have found the following to be a splendid cure for sore or caked udder: Wash the udder in warm water with castile soap, then mix 5 drops of bitter root in a gill of linseed oil and thoroughly rub this amount into udder every morning until perfectly soft. I have used this remedy and found it a success. Ernest Davenport. R. 1, Greenwich, Kan.

Kansas Boys After Dairy Prizes.

One of the interesting features in connection with the National Dairy Show now in progress at Chicago, is the students' judging contest of dairy cattle. Student judging teams were invited from all the agricultural colleges. Kansas Agricultural college is represented by D. H. Branson, Winfield; O. I. Oshel, Gardner; and R. O. Swanson, Manhattan. Besides the trophy awarded to the team doing the best work, several breeders' associations are offering scholarships worth about \$400 each for individuals making the best records. Last year a Kansas boy, Carl Musser, of Abilene, received one of these scholarships, a course in advanced dairying at Missouri Agricultural college. His high standing in judging Holsteins won the honor for him.

A Cow Must Produce \$45 Worth.

Whether to milk the cow and raise the calf on skimmilk or let the calf do the milking and save the extra work is a question that frequently bothers the man with the cows. It is evident that the cow giving only enough milk to support a calf is not a profitable investment nor should a cow with a large flow of milk confine her efforts solely to the raising of the calf. "Between these two extremes," says Prof. Otis, formerly of Kansas, but now of Wisconsin Agricultural college, "there are a large number of cows of doubtful value. The governing factor in these cases is the extra expense involved in milking them which may be summarized as follows:

Extra feed and care.....	\$15
Expense of milking and care of utensils..	14
Cost of raising the calf by hand.....	16
Total extra cost.....	\$45

"In other words, the cow must produce \$45 worth of products before she will pay expenses as a dairy cow. How much milk does this require? With butterfat

at 30 cents, a cow with a 4 per cent test must yield 3,750 pounds of milk before she can return any profit; at 25 cents for butterfat there would be required 4,500 pounds of 4 per cent milk."

Milking Close to Calving Time.

Mr. Editor—I believe it a good plan to keep milking a cow as long as she gives as much as 2 quarts of milk daily on good feed. The length of time a milk cow should go dry depends a good deal on the cow. Two years ago we bought a cow and not knowing when she was due to freshen we milked her right up to within one day of calving. Thinking this was too hard on a cow, we did not milk her so late next time and quit five weeks before freshening. The result was a case of milk fever that cost \$2.50 in veterinary fees, besides a lot of trouble with caked udder and sore teats. We have had little trouble with our other cows as they usually dry off gradually within three or four weeks of calving time. So I believe in milking pretty "close up", especially with heavy milkers. But in doing so a cow should be liberally fed to avoid a run down condition. W. B. Eastman. Hutchinson, Kan.

Best Time to Have a Cow Fresh.

Mr. Editor—To my mind the best time to have a cow come fresh is from September 20 to November 10. Then feed is more abundant than at any other time of year and the busy season is about over. By judicious care and feeding the heaviest flow of milk can be had when prices are the highest and when they go on grass in the spring they are practically fresh again. They will respond liberally until pasture becomes poor and that is the time they should be dried off. This will avoid milking during the worst of the fly season. Cows freshening in spring lose a part of the best milking season by going dry.

As a rule weather conditions in the fall are ideal for raising calves. If the calves are to go as veal fall is always best for that purpose and if the heifers are to be kept for cows fall again is the best time as they will then be ready to make the best use of grass in spring while the spring calf only gets the benefit of the last and poorest part of the grass season. J. W. D. Foote. R. 4, Topeka, Kan.

Four World's Best Cows.

The Holstein cow, Banostine Belle De-Kol, whose picture appeared in Farmers Mail and Breeze a few weeks ago, is the champion butter fat producer of the world on a yearly record. Her milk in one year amounted to 27,704.4 pounds which produced 1,058.34 pounds of butter fat or 1,322.425 pounds of butter. This means an average of about 9 gallons of milk or 3.62 pounds of butter per day for one year. A Guernsey, Spotswood Daisy Pearl, leads her breed with 957.38 pounds of butter fat or 1,196.72 pounds of butter produced in a single year. This would average 3.28 pounds of butter per day. The Jerseys come third with Jacoba Irene at the head on a yearly record of 952.96 pounds of butter fat or 1,191.2 pounds of butter. Her daily average was 3.26 pounds of butter.

The Ayrshires are fourth, Netherall Brown 9th standing first with 820.91 pounds of butter fat or 1,026.13 pounds of butter to her credit for one year's work. Her daily average was 2.91 pounds of butter.

Records on milk and butter fat production are frequently broken these days and it is possible that some of the foregoing have been topped by this time. However no new records have been officially reported. In order to get some idea of how these records compare with those of common dairy stock it might be said that the yearly production of butter fat averages somewhere below 200 pounds per cow. In other words the world's best cow produces considerably more than five of our average cows.

Co-operative Creameries Best.

A co-operative creamery, well organized, tends to focus the interest of the farming community, and fosters the boosting spirit. It enables farmers to diversify their crops, keep more cows to utilize the unmarketable roughage, so it turns the waste products of the farm into profit. With a share in the creamery every farmer becomes both a producer and a manufacturer and thus shortens the distance from the farm to

the consumer. This saves the profits of the middlemen and the manufacturer for not infrequently the output is sold directly to the consumer.

The man who keeps cows has the use of the creamery by-products—skimmilk and buttermilk. These are valuable in combination with grains for feeding all kinds of young stock. In fact, calves, pigs, and poultry never do better than when given liberal amounts of creamery by-products. Perhaps the most important advantage of the creamery is the fact that cash comes into the home every month of the year in flood time or drouth just at a time when the store bills come due and the household necessities are needed. G. L. Martin. North Dakota Station, Fargo.

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For Government Jobs. Write to Franklin Institute, Dept. G178, Rochester, N. Y., for free list of Government positions open.

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Arthur Capper
Publisher.

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Name.....
 Postoffice.....
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QUESTION CORNER

It is not always possible to print replies to inquiries the first issue after the inquiry is received. Readers who wish a prompt reply by mail are asked to enclose a 2-cent stamp. If of sufficient general interest, the question and answer will be published subsequently. No attention is paid to inquiries not signed in full. Address questions to Editor Farmers Mail and Breeze.

Bulletins on Sweet Clover.

Please give me all the information you can on the subject of Sweet clover—its feeding and pasture qualities, etc.—W. Q., Vici, Okla.

A full discussion of Sweet clover would fill a good sized book. Write the department of agriculture at Washington, D. C., and ask for Farmers Bulletin No. 485 on "Sweet Clover". It will be sent to you for the asking. The Kansas Experiment Station, Manhattan, also issues a circular on Sweet clover.

Killing Weevils in Grain.

Will you please tell me how I may kill out the weevils in wheat in the bin?—S. F. H., Stanley, Kan.

Fumigation with bisulphide of carbon is the best means of getting rid of weevils in any kind of grain. The bins must be tight all around to keep in the fumes, and fire in any form must be kept away from the building during the fumigating process. Set shallow pans on top of the grain and use about 2 pounds of the bisulphide for every 500 cubic feet of space inside the bin. After putting the poison in the pans close up all doors tight and leave them closed for 36 to 48 hours when they may be opened and the fumes allowed to escape. The bisulphide, passing into the gaseous state, settles down through the grain as it is heavier than air and all forms of insect life, as well as rats and mice, are killed.

Subsoiling in Oklahoma.

I am interested in the subject of subsoiling and wish you would give me the results of experiments along this line. My land is rolling prairie and has been cultivated about 20 years without any kind of fertilizer. The soil is 6 to 8 inches deep and underlaid with a stiff clay of hardpan mixed with small rock and gravel and it appears that the water penetrates the soil too slowly. As a consequence the land stays wet too long in wet seasons and gets too dry in a drouthy season.—L. C. H., Pryor, Okla.

There has been so much talk of subsoiling and so many conflicting reports have been made that we have made a special endeavor to review all the literature we could find on this subject. I find that there have been a great many experiments conducted by different stations in the United States and that in practically every case the reports indicate that subsoiling does not pay. Our soil here at the college farm is underlaid with an exceedingly compact subsoil at a depth of 6 to 10 inches. In no case on this type of soil did the increased yield secured from subsoiling pay for the cost of the labor to do the work. This seems to be the case with nearly all of the experiments which I have reviewed. The work can be done at times when it would be positively injurious to the soil. I presume there are soil types upon which subsoiling might pay. We believe a better plan would be to grow cowpeas either as a main crop or after crop of grain or in a crop of corn and plow them under. This will open up the soil and will loosen it to some extent and the water will penetrate it much easier. They can be included in the rotation every three or four years and will give very marked benefits. O. O. Churchhill.

Oklahoma Agricultural College, Stillwater.

Measuring Hay in the Stack.

Will you please give me an established rule for measuring alfalfa in stacks—oblong and round—when stack is well settled?—P. B., Minneapolis, Kan.

With alfalfa hay which has been stacked for 30 days, it is usual to compute an 8-foot cube, or 512 cubic feet, as a ton. When the hay has been stacked five or six months, usually a 7½-foot cube, or 422 cubic feet, is calculated for a ton. In old, fully settled stacks, it is usual to allow a 7-foot cube, or 343 cubic feet, for a ton; or sometimes, in very large stacks or mows, only 216 cubic feet, or a 6-foot cube, are allowed per ton in weight.

With a long stack or rick, the usual method is to throw a line over the

stack, measuring the distance in feet from the bottom of the stack on one side to the bottom of the other, add to this the average width of the stack in feet, divide this sum by 4 (which gives one side of the square) and multiply this result by itself and this product by the length of the stack in feet. This will give the number of cubic feet in the stack, which may be divided by 512, 422, or 343, in order to find the number of tons. For small, low ricks, the rule is to subtract the width from the "over", divide by 2, multiply by the width and multiply the product by the length, dividing the result by the number of cubic feet in a ton.

There is no established rule for measuring round stacks, but this one will approximate the contents of a stack of ordinary conical form: "Find the circumference at or above the base or 'bulge' at a height that will average the base from there to the ground; find the vertical height of the measured circumference from the ground and the slant height from the measurements in feet. Multiply the circumference by itself, divide by 100, and multiply by 8, then multiply this result by the height of the base, plus one-third of the slant height of top." The hay in a round stack is usually less compact than in a rectangular stack, hence a greater number of feet should be allowed for a ton—with well settled hay, probably 512 cubic feet.

Why Machinery is Short Lived

A READER'S COMMENT.

In Farmers Mail and Breeze of September 28 there appeared an article by Clyde W. Miller wherein he claims that farm machinery is short-lived because of the manufacturers using light-weight castings and short bearings. I want to disagree with Mr. Miller. The short life of implements is caused rather by the misuse or inability of the average farmer to repair and adjust his machinery. This opinion is based on a number of years of selling, exporting and 25 years of actual use of farm machinery.

The first item Mr. Miller speaks of is a mower wrist pin, which he states is made too small. Now all mower manufacturers at different times have used a pitman boxing that was made of brass and would admit of as fine adjustment as the bearing on a locomotive. They were all a failure. Why? Simply because the average farmer failed to make the necessary adjustments. The outcome was that all companies adopted a cast boxing with a rabbit center which would take up the wear and could be replaced for 40 cents.

Mr. Miller next speaks of a knottor pinion on a binder wearing out where the pinion works against the cam wheel, caused he says by the shoulder of the pinion not being large enough. Now if the man that operates the binder will put a drop of oil on the cam wheel every time he oils he will find that the knottor pinion will last about as long as the binder, especially if he sheds his binder under the trees. Should the pinion wear out the sum of 25 cents will replace it.

He condemns the bearings on a disk sled of which he says the standard is ¾ or ⅝ pins, 2½ to 4½ inches long. Again I wish to disagree. That is not the standard bearing. I will admit that the bearing on the special machine he has reference to is deficient but that has been remedied by chilling the bearings. He also speaks of the bearing in a disk drill being deficient. Now he can buy a drill with the bearings in the disks guaranteed for the life of the drill, which seems to settle the matter.

I am not selling any implements but want to give one illustration which shows how companies get data concerning the wear and tear on implements. In the year 1901 there was practically a corn failure and all the corn binders were sold in this part of the country that dealers could supply. Some of the binders showed more wear than was thought necessary. Two or three of those binders were bought by the company, shipped back to the factory and placed on the floor of the experimental room. All unnecessary wear was noted, those parts were strengthened and protected from dust. Not content with this the company sent to all purchasers of the year before such parts as seemed not satisfactory. It also sent an expert to put same on without any expense to owner of machine.

Harry Leclere.

Burrton, Kan.

Democrats Support Capper for Governor

They Lay Aside Party Lines and Are for Him Because They Believe He Is the Best Man for the Place

They Have Confidence in His Business Ability and Personal Integrity, and Know He Will Give the State a High-Class Administration

The Capper-for-Governor Club has received over 4,000 letters from voters in Kansas who always vote the Democratic ticket, but who now say they are going to lay aside party lines so far as the Governorship is concerned and will support Arthur Capper, the Republican nominee. Many of these letters are from farmers; others are from business men and workmen. Here are samples of some of the letters:

I have been a life-long Democrat, but I vote for the man first and for the party last. I stand for Capper because he wishes to ably represent the masses and not the CLASSES. He believes in a square deal, with "equal rights to all, and special privileges to NONE." If he fails to carry out this bit of philosophy, and does not carry out to the fullest letter of the expression, then it will be because Arthur Capper could not exercise his power. P. W. JOHNSON.
Hutchinson, Kan.

I am a native of North Carolina, therefore, naturally a Democrat, but if I am in Kansas in November, I hope to have the gratification of voting for Arthur Capper for Governor of Kansas. I do so, for I am for the man more than party.

Mr. Capper has made a success of his own business career—honestly, I believe,—and I therefore believe he will make a successful Governor. I like his progressiveness—tho' not his Rooseveltism—and believe he will see to it that the laws of Kansas are enforced; as well as proving himself to be a capable, honest executive. EDWARD R. KELLEY.
Beattie, Kan.

I am for Arthur Capper for governor, for the reason that his declaration of principles suits me; and the stand he has always taken on economic questions seems to me to be fair and just—a man whose honesty and ability are unquestioned. I am a Democrat, but I put principle above party, and shall work and vote for Capper for Governor, assured that I am doing a good thing for Kansas. J. S. ALLEN.
Glen Elder, Kan.

I believe Arthur Capper is the right man for the place. I am a Democrat, but I intend to vote for Capper. I am in favor of him for three reasons: First, because he is a born citizen of Kansas; second, he is a self-made man; third, I believe him capable of holding the office of governor. W. E. STAFFORD.
Marion, Kan.

I am for Arthur Capper for governor because he is an honest and capable man and in a position to know how the business of the great State of Kansas should be managed. I am a Democrat, but I shall vote for Mr. Capper, as I believe he will give us the best administration the state has ever had. J. A. PRIDDY.
Woodston, Kan.

I will support Mr. Arthur Capper for Governor in the next campaign because I think he is the right man for the position. I believe him to be a thoroughly honest and capable business man, and a good governor must be a good business man. Mr. Capper should be elected, if the people of Kansas wish to have an honest and upright man in the Governor's chair. H. J. McGLINCHY.
St. Marys, Kan.

My reasons for wishing Mr. Capper elected Governor are these: First, I believe that he is strictly honest, and not afraid to tell exactly how he stands on all questions of the day. The position he has taken on these questions I believe to be right. His opportunities have been such that he is familiar with the things that the State at large most needs. J. G. MURPHY.
Peck, Kan.

I will support Arthur Capper for governor because I believe he will make the best Governor that we have had for several years. He is a man of good principles. R. E. SMITH.
Hamilton, Kan.

I am for Capper for Governor of Kansas—First, because I believe he understands the conditions of the people of this part of the country, and I believe he is a man that will govern the laws to our benefit; second, because I believe he is for clean and progressive ideas that will improve the country. HUGOTON, Kan. H. W. THOMAS.

I am for Capper for Governor because he will be governor when he gets in the chair and will not be controlled by any ring or clique, but will govern for all the people. JOHN DUNCAN.
Jetmore, Kan.

I am for Mr. Capper, first, because I believe him to be the best man in the state at this time for Governor, for he is a genuine progressive, and he is for the best interests of the common people, and is an honest man. I believe he will be "The Governor" and will be a great governor for this state. WALTER WILSON.
Garden City, Kan.

I consider Arthur Capper a clean man, a capable, successful business man and better qualified to make us a good Governor than any man we have ever had. FRANK WORSTER.
Burlington, Kan.

I was much pleased when Arthur Capper entered the race for Governor, for his great business capacity and his thorough knowledge of the entire State makes him able to give us a first class administration and if elected I think he will do it. I believe in the best man for the office, one that is honest and capable. MARK ROONEY.
Beardsley, Kan.

I intend voting for Arthur Capper for Governor—First, because I think he is strictly honest; second, being a Kansas product, undoubtedly he understands the spirit of the Kansas people thoroughly; third, any man that can conduct his own business as successfully as Mr. Capper does his own, I think would be a safe man to conduct the affairs of the state of Kansas; fourth, I like his platform from top to bottom. Yours for Capper for Governor. ALTAMONT, Kan. W. R. GAW.

I am in favor of Mr. Capper for governor and if he is sincere in the advocacy of certain reforms mentioned in his publications (and I have no reason to doubt it) I think no honest and independent Democrat or Republican either should object to voting for Mr. Capper. What we want is a fair, honest and economical administration. FARMINGTON, Kan. R. B. BUCK.

My reason for supporting Mr. Capper for Governor, is that he has promised to give us a clean government, to cut out all political grafters, parasites and hangers-on and if Mr. Capper is elected governor and will conduct the affairs of State as successfully as he has his private affairs he is the man to have at the head of our State Government. CLIFTON, Kan. DANIEL GRAHAM.

I am a Democrat who is for Arthur Capper for Governor. He is a home product and also a self-made man. He has made it honestly, and I think he will make us one of the best Governors we have had for some time. His principles suit me exactly and I believe he will use good judgment in fulfilling the office of Governor, and I also believe he will be one of the most economical Governors we have had for some time. WILLIAM BROCK.
Marienthal, Kan.

You're Next

Mr. Dairyman and Farmer, I've got a real bargain for you on the easiest-to-clean, easiest-to-run, biggest re-ent-roducing separator on the market.

GALLOWAY'S BATH-IN-OIL SEPARATOR

—1912 Model—looks about 10 years ahead of the rest in improve-ments, yet sells

\$20 to \$45 Cheaper

Test, compare. Prove it to yourself on 30 days' free trial. Write for my offer and Separator Book full of valuable information. Address Wm. Galloway, Pres., The William Galloway Company, Galloway Sta., Waterloo, Ia.



FARMERS WANTED!

I want farmers all over the land to learn about my farm engines, my methods of doing business, and low price offer on

Galloway Farm Engines

My New 1913 Model farm engine is the latest, improved type. Starts at a touch, simplest to operate, cheapest to run, most substantially constructed of all, and sells

\$50 to \$300 Cheaper

than others charge for their old-type machines. My FREE Book tells how to know a good engine, what you ought to pay for it, how to obtain 30 to 90 days FREE trial, easy payments, and about my 5 year guarantee of satisfaction or money back. Write for book NOW—before you forget it. Address, William Galloway, President, The William Galloway Company, Galloway Station, Waterloo, Iowa



Save Money

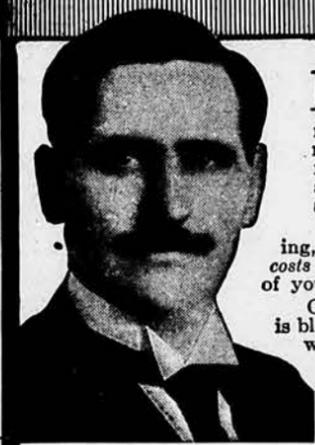
I Will Save You \$25 to \$50 on a 1913 Galloway Manure Spreader

My New 1913 Model Spreader with Mandt's new gear now sold at lowest price ever placed on dependable machine. Blower, stronger, simpler, quicker-working, lighter in draft, more durable. Get my FREE Book "A Stroke of Gold" and 1913 trial, free postal for offer. Address The William Galloway Co., Galloway Station, Waterloo, Ia.



WHAT IS A BARGAIN?

(Written by Wm. Galloway, the Farmers' Manufacturer)



BARGAIN—"an advantageous transaction," says Webster. Just that and nothing more. It doesn't mean a "fall-in-price," doesn't mean a "come-down" from a former charge, doesn't mean something "cheap."

On one hand, in purchasing, you obtain an article that costs little, one that gives you all of your money's worth.

On the other hand, some one is bled and overcharged to begin with; then when the article becomes *unsalable, a drug-on-the-market, or depreciates in value*, the price is lowered as a bait to catch the gullible that wouldn't bite before.

New Models—Fine Improvements In Machinery Are Also Most Desirable

These things mean better service for least cost of operation—greater strength and durability—long life without outlays for repairs.

It isn't hard to find up-to-date machinery if one only tries. Engines, separators, spreaders and other machinery about the farm have been vastly improved in the last few years and the man who buys an old model because the price has been "lowered" will get a "bargain" (?) that is dearly bought.

Last year I thought to myself that with Mandt's New Gear on my spreader that the height of perfection had been reached. But this year brings to you the greatest improvements, refinements, superiorities ever gathered together under a single trade-marked name.

My new spreader, with greater capacities, more liberal measurements, etc., reaches the very climax of spreader construction. I've improved on other models, too, in making my 1913 Model Farm Engines and Manure Spreaders. So when it comes to *real* quality, you can well be

Separator (See Adv. No. 1), or \$25 to \$50 on a Spreader (See Adv. No. 2), or from \$50 to \$300 on a Farm Engine (See Adv. No. 3), they know it's the truth. They have saved that much money when dealing with me and you can be sure you can do the same.

The space allowed for these advertisements, does not permit the featuring of the exceptional features of superiority in these three new models of mine, nor explain my special low price, introductory offer, five-year guarantee, 30 to 90-day free trial, and what a *Real Bargain* you get. But you can secure all the information by writing me a post-card, stating in which of these machines you are most likely to be interested.

I Believe That 100% of All Farmers are Honest

and will trust you for anything you want. If you've never dealt with me, you can't understand how easy I make it for everyone to have a *real good, dependable, efficient and reliable engine, spreader or separator*—and at a price that anyone can well afford to pay.

My Easy-Payment Plan is covered in the Free Books, I send upon request. If you are not in the market now,

Real bargains are at a premium. *False bargains* can be had in everything, everyday, everywhere.

No one can be too careful these days for there are a lot of articles masquerading as "bargains"—articles, while not *absolutely worthless*, give but poor service at best. If this is true, and you know there is a great deal of foundation for this statement, it would be wise—*no matter what you want to buy*—to deal *direct* with the manufacturer whenever possible.

One reason is this: The makers are *directly* responsible to consumers for the efficiency, dependability, durability of their product. There can be no evasion of responsibility, no shifting the blame—the manufacturer in *dealing direct* MUST stand by his product.

This direct responsibility of the maker results in his putting all the reliability and service possible into his goods. First, in order to protect his own market with consumers and, second, to prevent losses on goods which would be returned to him on account of faulty construction or the product's not living up to his claims.

Quality Is the First Consideration of the Farmer!

He wants *the best* he can get. If it's a farm engine, a cream separator, a spreader, he wants one that will perform month after month, year after year, the same as the day he bought it. So, very often, he listens to a "quality talk" which covers a *high-price*—though called a "bargain"—and he has cause to regret it later on.



ONE OF THE MANY USES OF A GOOD FARM ENGINE

That word "Quality" is pretty much overworked. What does it mean? Perfect materials, best materials, superior construction? All essential, of course, but there is something else to consider. For no one can honestly claim *real* quality unless his product be modern, up-to-date, or have superior features of excellence or advantages not possessed by competing machines.



TOP DRESSING CORN WITH GALLOWAY SPREADER ON FARM OF W. J. KELLER, HALSTEAD, KANSAS

guided by the actual, provable superiorities of these three leaders of mine in determining that which is wisest and best to buy—and then you'll get a bargain.

Where Price Plays The Important Part

Many farm implements are made to sell through the dealer, mail order house, agents, etc., and carry such large profits to allow margins for manufacturer, salesmen, jobbers and dealers.

That's why I claim that it's impossible to obtain a *bargain*—"an advantageous transaction"—unless you do deal with the manufacturer of the article you purchase. For when you deal with the manufacturer *direct*, you're bound to save at least three margins of profits, bad debts and useless expenses in effecting a sale.

I, as a manufacturer, tell you this. You can be sure of quality, in buying from the maker, for reasons I stated before. You can be sure of paying only one profit above cost of production too, and, if the manufacturer's product is an improvement over those of his competitor—like my separator, spreader and engine—then you get

A Combination of All Three, Which Constitutes a Real Bargain

My customers—hundreds in every large neighborhood—will tell you that they are not surprised when I say I can save anybody anywhere from \$20 to \$45 on a Cream

it will pay you to get these books anyway, so when the time comes, you will know what I can do for you.

My New Selling Plan Allows Me To Cut Prices On Everything

Modern business methods in my factory—buying raw materials for cash—ready money for enormous purchases—taking advantage of all cash discounts—low markets—and the most economical system of manufacturing and selling—gives you all the benefits of manufacturer's cost, plus one small profit.

Everything that comes out of my factory is the best. If you believe me, you'll buy from me. If you buy from me, you'll believe.

My Books Are Not Mere Catalogs Or Price Lists

I've got the most remarkable "Business Library" for the farmer ever compiled. It consists of books on Farm Power and Engines—Farm Manure and Spreaders—The Farm Dairy and Separators—Farm and Home needs of all kinds—all of which tell how to buy the best for least money.

Tell me which you want most. Or you can have all of them free, postpaid, for the asking. Just state which thing you are likely to buy first so I can write you my proposition and quote prices that will put you on the inside at the start.

WM. GALLOWAY, President
WILLIAM GALLOWAY COMPANY
208CE Galloway Station Waterloo, Iowa

Either or All of the Helpful, Money-Saving Books Mentioned In Above Article Sent FREE Upon Postal Request—GALLOWAY

ORCHARD & GARDEN

For the best letter each week, contributed to this page by a reader, we offer a year's subscription or extension of subscription to Farmers Mail and Breeze. We want your views and experiences. They will help others. Address contributions to Horticultural Editor Farmers Mail and Breeze.

Better plow the potato patch this fall.

Dump the ashes around the pear trees.

A coat of manure put on the garden this fall will give a good account of itself next June.

In storing vegetables or apples out of doors it is better not to dig a trench. Pile them on top of the ground and cover.

Seed potatoes stored in the cellar should be kept in as light a place as possible. Light toughens the skins and retards sprouting.

In the North a good deal of cabbage is stored out of doors by placing the heads downward, covering with hay or straw and then putting a coat of earth over this. Stalks may be left sticking out.

Apple Show in November.

This year's National Apple show will be held at Spokane, Wash., from November 11-17 inclusive. This is the fifth annual event of this nature and the secretary of the show writes the Mail and Breeze it will exceed the four preceding it in every respect.

When "Heeling In" Trees.

Trees that are heeled-in for the winter should be given their final dressing of soil before the ground freezes. Bank the roots well with earth and let the soil extend for a foot or so up the stems of the trees. If water is liable to settle about the trees, dig a ditch some distance from them to carry off the surplus water. No straw or litter of any kind should be placed about heeled-in trees as a protection, as such material only attracts mice and other vermin.

Pitting Cabbage for Winter.

Cabbage kept in the cellar will dry up and become unfit for use. Many do not know that cabbage can be kept in outdoor pits in almost as good condition as when pulled, and so put them in cellars where they soon spoil. Dig a pit or trench about 1 foot deep and as large as you wish. Pull the cabbage, leaving on the stalks. Put them in the trench, heads down, and cover with wheat straw. As cold weather comes on cover lightly with dirt, adding more as the weather grows colder until they are covered about a foot deep. This does not keep them

Woman's Suffrage Issue of The Daily Capital.

The issue of the Topeka Daily Capital for Sunday, October 27, will be a special Woman's Suffrage Issue. It will be edited by the Good Government Club of Topeka in the interest of the Equal Suffrage Movement. Doubtless many readers of Farmers Mail and Breeze will be interested in seeing a copy of this unique issue. It will put the case for Woman's Suffrage in a strong way, and will be a real mine of information on this important question. A copy will be mailed to any address by the Good Government Club, Topeka, Kansas, on receipt of 5 cents per copy.

TREES Fall Planting at Wholesale Prices. Have agents' commission of 40 per cent by ordering direct. **FRUIT BOOK FREE TO YOU**

GUARANTEED. CERTIFICATE of Inspection furnished. For price list address Box B.

Wichita Nursery, Wichita, Kan.

SEEDS Seasonable seeds—Southern Winter Rye and Barley, Texas Red Oats, Alfalfa, Mediterranean Wheat, Rescue Grass, Winter Vetches, Rape, Burr Clover, Fresh Turnip and other garden seed. Write **David Hardie Seed Co., Dallas, Texas**

from freezing, but it does prevent thawing after they are frozen. They should be taken from the trench as they are wanted for use, when they will be found in almost perfect condition.

Protect the Young Orchard.

Mr. Editor—One need not travel far to notice that farm orchards are not receiving the attention they deserve. Thousands of dollars are being wasted annually by letting rabbits, insects and blight do the orcharding. Every spring fruit trees are set out that never receive protection from rabbits and of course most of them must be replaced within two or three years. My experience has been that corn stalks furnish the cheapest and most suitable protection against rabbits. Tar paper is frequently used for this purpose and is all right for cold but not for warm weather. Corn stalks admit light to the bark, are not heating like paper, and do not harbor insects or hold moisture like rags or paper. Cut the stalks the proper lengths and set them around the young trees, tying them at the top and bottom with tarred twine.

Let the stalks stay on through the summer as they will keep off the hot winds and sun which blast young trees. Faulty stalks should be replaced in the fall. In five or six seasons, by proper pruning, the lower limbs will shade the trees and after that a close mesh wire netting may be substituted for corn stalks. These are the methods I have used for several years and they have worked out perfectly for me.

R. I. Shaw, Kan. L. R. Claus.

Bulbs for Winter Bloom.

[Written for Farmers Mail and Breeze.]

When the bulbs are received, which is usually during the month of October, they should be potted as soon as possible in a soil composed of good garden loam with one-third added to its bulk of well decomposed stable manure, the addition of a little sand is beneficial. In potting the bulbs, the crown of the bulb should be on a level with the surface of the soil, making an allowance of 1/4 inch from the surface of the soil to the rim of the pot, to allow the plant to be watered thoroughly at all times when needed.

When the bulbs are potted, water thoroughly and place in a cool cellar away from heat, leaving them in this position until thoroughly rooted, which may take from 8 to 10 weeks. If the bulbs are well watered before being placed away in the cellar, they will not require to be watered again until they are brought up to the light in the house. They may then be watered and treated like other house plants. It is imperative for the success of either Tulips, Narcissus or Hyacinths, that they be well rooted in the pots before being brought into the heat; if they are insufficiently rooted, failure will result.

The following are among the best bulbs suitable for winter bloom:

- Hyacinths—(Dutch) various colors.
- Hyacinths—Early White Roman.
- Narcissus—Princeps, Trumpet Major Horsfieldu, Von Slon, Paper White and Poeticus.
- Tulips—In great assortment, single varieties being the best suited for early forcing.
- Crocus—In assortment.
- Freesia—Refracta Alba and Purity.

David Lumsden.

New Hampshire Station, Durham.

Kansas Wheat is Too Cheap

In the opinion of the National Federation of Millers, Kansas wheat in quality leads the world this year. It shows a larger per cent of gluten than the wheat of any other state.

There is this big drawback to wheat raising: Wheat has always been and still is too cheap. It takes plant food elements out of the soil which to partly restore by the use of commercial fertilizers would cost more than wheat has often been sold for in Kansas. The crop, as yet, does not return enough in value to pay for its tax on fertility and the cost of production, with something else beside in the way of profit for the grower.

Notwithstanding, Kansas may well take pride in the quality of its wheat and should endeavor to maintain that supremacy, but it should handle its incomparable wheat-growing soil with more care and balance its grain-growing with livestock. Sooner or later the world is bound to pay the price it should pay for a superior article.

Jackson

No hill too steep
No sand too deep

Prove all you've heard about Jackson comfort

We have told you much about Jackson comfort, and you've heard about it from many other sources. But you will never be sure that all you've heard is true until you find it out for yourself.

That is exactly what we want you to do, by trying the Jackson.

All you have to do is call on or telephone the nearest Jackson dealer and have him take you and the family for a drive.

Then you can see for yourself how easily the Jackson rides.

Then you can feel the rich comfort of upholstery 10 inches deep.

You will know the ease of seat backs that reach to the shoulder.

You will feel the riding smoothness imparted by four full elliptic springs and a long wheel-base, with wheels and tires of the correct size.

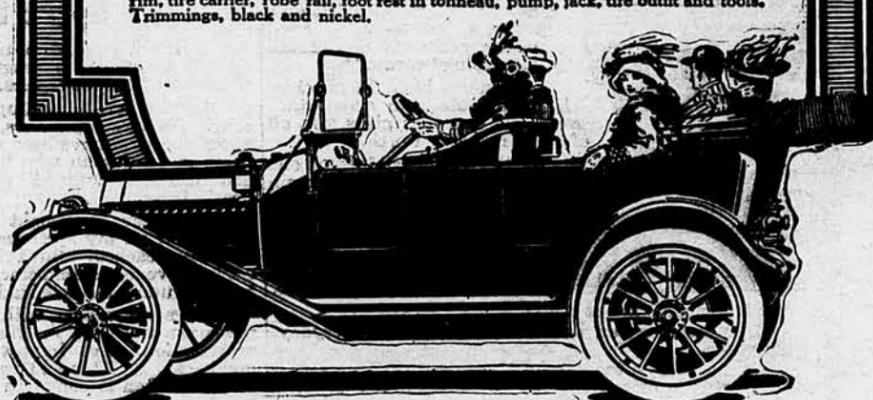
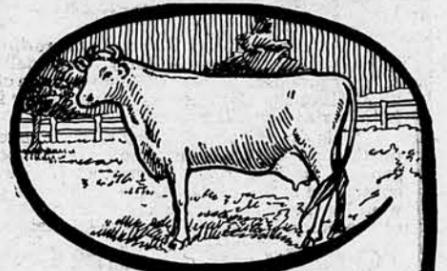
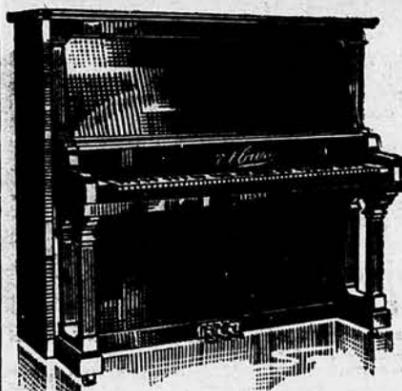
You will hardly hear the engine run; yet you will feel its strong power sending you over the road.

Try the Jackson. Let us help you by sending you the name of the dealer in your neighborhood. Write today for his name and address.

Jackson Automobile Company, 1415 E. Main St., Jackson, Mich.

Jackson "Olympic"—\$1500

35 horsepower, unit power plant; long-stroke motor—4 1/2 x 4 1/2 inches. 115-inch wheelbase; 34 x 4 inch tires. Full elliptic springs, front and rear. Deep, roomy body, with 10-inch upholstery. Gasoline tank under dash, supplied from storage tank at the rear, with pressure pump. Total capacity twenty gallons. Equipment includes Disco Self-starter, mohair top, top hood, ventilating windshield, speedometer, oil and gasoline gauges on dash, Prest-o-lite tank with automatic electric lighter; Firestone universal quick-detachable demountable rims, extra rim, tire carrier, robe rail, foot rest in tonneau, pump, jack, tire outfit and tools. Trimmings, black and nickel.

Any Ordinary Cow Can Earn \$6 a Month, the Amount It Would Take to Buy This Magnificent Piano.

Just think, only one of your cows would furnish the small sum required to buy an Elburn. Practically no sacrifice at all. And the pleasure the piano would bring into your home would be worth twenty times this insignificant sum. Let us send you an Elburn on free trial. You won't need to pay a cent unless you are entirely satisfied with it. If all of your friends don't say it is one of the handsomest pianos they ever saw and is worth every cent we ask you can send it back. We'll stand all of the expense.

We have hundreds of letters like the one quoted in this advertisement. Piano experts all over the country have congratulated us on being able to sell such a piano for so little.

Remember we always have on hand many bargains in Used Pianos of famous makes. Write today.

J.W. JENKINS SONS' MUSIC CO., KANSAS CITY, MO.

This is the Elburn H-2
The Best Piano Value Ever Known for Only... \$225
\$6 Monthly

Stover, Mo., March 23, 1912
Gentlemen—The Elburn received today I wish to thank you for extraordinary treatment.

The piano far exceeds my expectations. This is the second piano I have purchased from the Jenkins Music Co., and I am extra well pleased.

Wishing you success, I am,
(Signed) LUTHER W. TAYLOR.



"McDonald Pitless" Scale

Built to weigh accurately and last a lifetime. Requires no pit. Used for weighing U.S. Mail. 10-year guarantee. 21 years on the market. 22,252 in actual daily use.

PROTECTED BEARINGS—NEVER FREEZE

"The owner of a McDonald Pitless Scale gets a Square Deal."
Write for catalog. **MOLINE PLOW CO., Moline, Ill., Dept. No. 15.**

CROPS and FARM WORK

(Crop Reporting Service of Farmers Mail and Breeze.)

Moisture at opportune times and generally mild weather have made this a fine fall, both to gather in late crops and to put out fall grain. The weather for the last two weeks has been a touch of about as fine an "Indian summer" as can be called to mind here in Kansas. Wheat is making excellent headway and promises some A No. 1 fall and winter grazing for stock.

Conditions this fall seem to spell opportunity for the man with a good supply of farm stock on hand, whether of horses, cattle or hogs. Feed is plentiful but pork and beef are high while horses

We ask all Mail and Breeze crop correspondents to make a special report under date of Saturday, November 2, on the condition of fall sown wheat. Give all the facts as nearly as you can and be sure to mail your report on that day so as to have it reach this office by the following Monday. First, is the acreage larger or smaller than that of the preceding crop, estimating about what per cent. Second, what is the condition of the stand of fields that are up? Third, what is the condition of the soil as regards moisture and the condition of tillth? Fourth, are flies, chinch bugs, grasshoppers doing any damage?

are in good demand to replace the losses caused by the plague. Reports say that prices at sales range from good to fancy, especially for stock. There is opportunity even for the man who is short on stock, to raise both cattle and hogs to marketable age before there will be enough of a drop in prices to make anything but a good working profit.

A report of the department of agriculture shows that 1912 will rank considerably above the average as a wheat year. An estimate of 16 bushels per acre is placed on this year's crop the country over, which is considerably in excess of the general average. Oats also shows up well in the government's figures. The following table gives the government's estimates on wheat and oats for 1912, in comparison with the 1911 crops:

		Production	
		1912	1911
Spring	1912 1911	bushels	bushels
wheat	17.2 9.4	330,391,000	190,682,000
Winter			
wheat	15.1 14.8	389,942,000	430,656,000
All			
wheat	16.0 12.5	720,333,000	621,338,000
Oats...	37.4 24.4	1,417,172,000	922,298,000

KANSAS.

Linn County—Ideal fall weather but need some rain. Kafir nearly all out. It is short but will make fine feed. Large number of new silos in this county. New corn 60 cents.—C. T. Baker, Oct. 19.

Washington County—The heavy rains the first week of October came in fine for wheat which is making good headway. Weather is warm for the time of year. Apples are cheap.—Mrs. Birdsley, Oct. 19.

Mitchell County—Plenty of moisture and early sown wheat looks fine. Corn husking will begin this week. Wheat acreage will be larger this fall than last. Nearly all sown now. Everything selling at highest notch at sales.—J. H. DePoy, Oct. 19.

Geary County—Most wheat is up in fine shape and will make good winter pasture. Corn husking has started and part of the crop is very good. A good many silos built last summer and nearly all are filled ready for winter. Stock sells well at sales.—F. D. Olds, Oct. 19.

Pottawatomie County—Clear and warm weather, which is fine for potato digging. The crop is good. Apple picking and marketing in progress, and several carloads have been shipped from Wheaton. Cattle coming off pasture rolling fat. Hogs healthy, but few going to market. Old corn 80 cents, wheat 80.—W. H. Washburn, Oct. 17.

Miami County—Fine weather but need a good soaking rain. Stock water getting scarce and water is being hauled. Wheat acreage smaller than usual on account of dry weather and tugs. Good many hogs dying but other stock doing well. Plenty of rough feed. Some new corn going to market.—L. T. Spellman, Oct. 19.

Morton County—Frost in September caught most feed uncut. Broomcorn making heavy yields. Milo ripening and promises a good crop. Ground in good shape for fall wheat. Nearly everyone has plenty of roughness. The horse disease did not affect native horses but a few brought into the county, died.—Mrs. Margaret McGee, Oct. 18.

Riley County—Plenty of rain lately. Wheat all up and looking fine. Grasshoppers and chinch bugs harmless. Some vegetation has greened up again since September frosts. Corn good on lowland but chaffy on prairies. No cribbing done yet. Kafir and other feed good. Horses, cattle, and hogs bring good prices at sales. New corn 50

cents, oats 41, eggs 25.—P. O. Hawkinson, Oct. 19.

Brown County—Wheat all up and looking fine. Corn husking will begin next week. The crop will average as well or better than last year. New corn has been offered for November and December delivery at 39 cents. Wheat 80, old corn 65, oats 32, potatoes 55, eggs 22, apples \$1.25 to \$1.50 per barrel. Apples good crop.—A. C. Dannenberg, Oct. 21.

OKLAHOMA.

Pottawatomie County—Corn husking in progress. About half of cotton crop gathered. Not much rain this month. Had two light frosts but no damage done. Horses and mules high in price. Fat hogs \$8.25, fat cattle \$4.50, potatoes \$1, sweets 50 cents, eggs 20, butter 30.—L. J. Devore, Oct. 18.

Chectaw County—About half of corn gathered and is averaging about 20 bushels. Cotton picking about two-thirds over with and is making an average of about 1/2 bale per acre. Cattle high and all surplus bought up. Corn 50 cents, oats 40 to 45, cotton 10 to 11, eggs 20.—J. W. Jones, Oct. 19.

Kingfisher County—Wheat coming up but is poor in places as we have had no rain lately. Fine fall for putting up feed and good weather for stock. Many sales and cattle and hogs sell high. Usual acreage of wheat being sown. Corn 45 cents, Kafir 40, but feeders are paying a little more.—H. A. Reynolds, Oct. 19.

Cherokee County—Cotton picking nearly done. Crop is short. Corn is very good and some being gathered. The small acreage of Kafir planted here is yielding well. Plenty of hay put up. Apple picking in progress. Cattle in good shape and sell high. Cotton \$3.50 in seed, corn 50 cents, eggs 20, butter 30.—L. J. York, Oct. 17.

Grant County—Wheat about all sown and most of it up showing good stand and color. Hoppers not doing much damage here but have been poisoned where thick. Some disease is affecting hogs. Silos filled and many people are heading Kafir. Wheat 81 cents, new corn 45, potatoes shipped in at 80 cents.—A. C. Craighead, Oct. 18.

Pushmataha County—Weather dry. Nearly all crops gathered. Fine weather for cotton picking. Some corn fields making 40 to 50 bushels. Cattle on range beginning to fall in flesh and some are feeding. Times seem a little dull and not so much immigration as a year ago. Cotton about \$10.65, beef cows \$3.50, hogs \$8, corn 65 cents.—K. D. Olin, Oct. 19.

Will Elevate Flax Seed.

H. S. Swanson, head of the Swanson-St. Joseph Plow Co., and the first man to invent and build an all-steel portable grain dump and elevator, claims that the grain dump and elevator now manufactured by his company is the only one on the market which will successfully elevate flax seed. This is considered a great performance, flax seed being proverbially hard to handle. Mr. Swanson has an unusual record as an inventor. So perfect was his first steel dump and elevator six years ago that only one slight improvement has been made in the product since that time, and it is becoming extremely popular among corn and small grain growers all over the Middle West as a remarkable time and labor-saving device. Write for copy of catalog, mentioning this paper.

Entries Close November 1.

The International Livestock Show, held annually at Chicago, is by far the biggest thing of its kind in America. It is the final battleground of the season's livestock shows. The champions and top herds from all the state shows, in every breed, come together here for the final rating of the year. From an educational standpoint this show is worth crossing a continent to see, in fact, every year, guests to the International are registered at Chicago from almost every country in the world. This year the show will be held November 30 to December 7, inclusive. All entries must be in by November 1.

S. W. Guernsey Breeders Meet in K. C.

The Southwestern Guernsey Breeders' association, with headquarters in Kansas City, Mo., held its annual meeting in the Livestock Exchange building October 12.

Officers elected for the ensuing year were:

Conway F. Holmes, Kansas City, president.

R. G. Krueger, Burlington, Kan., vice president.

William B. Henderson, Kansas City, secretary and treasurer.

Frank P. Ewins of the Hotel Savoy joined the association at this meeting.

After disposing of regular business, the principal topic was in regard to asking admission to the American Royal in 1913.

While the American Royal has confined its show to the four beef breeds, it is the opinion of many that the admission of dairy cattle should be granted in the interest of Kansas and Missouri. In addition to the beef cattle, horses, hogs, sheep, poultry and dogs are shown, so why leave out one of the most useful animals on earth—the dairy cow?

Admission will be asked at one of the next meetings of the board of directors of the show.

They Have Always Been Against Stubbs

Have you had the idea that the opposition to Stubbs by some Republican "leaders" in this senatorial campaign is something new, that the opposition has arisen on account of his record or on account of alleged recent party irregularity?

Well, it is anything but that. You know and we know that the same crowd that is fighting Stubbs now has always fought him.

We who have lived in Kansas know that this claim that Stubbs and all the others who think as he thinks about political questions are not Republicans is not a new claim.

It is simply the same old charge brought out and refurbished this year for campaign purposes.

A remnant of the old guard is merely making its last stand. The line-up is the same old line-up we have been familiar with for the past 10 years.

The question for you to decide upon is, which side are you on? How are you going to line up?

Are you going to line up with those who want now and have all along wanted to put the state back, politically, where it was 10 years ago?

Are you for going forward or going backward? Do you belong to the number of those who are proud of the fact that Kansas is everywhere regarded as a progressive state, or are you ashamed of it?

Are those who are fighting Stubbs fighting for any principle for which the people of Kansas care, or are they fighting for themselves? You get a correct line on them when you recall that they regard a vote this year for Roosevelt as treachery to the party, though Kansas Republicans have twice declared for Roosevelt this year, while a vote for Wilson does not put one without the pale. And yet they are Taft Republicans! Well! Well!

They fought Bristow four years ago, as you well remember. They did not fight him so bitterly as they are now fighting Stubbs, because they did not know how desperate the situation was. They were so blind, these wise political "leaders," to Kansas sentiment, that they could not even imagine a victory for Bristow.

They haven't changed. That is, they want now to "come back" just as badly as they did four years ago.

We don't believe Kansas sentiment has changed, either.

Kansas will be true to its record for a decade past only if it sends W. R. Stubbs to the senate instead of W. H. Thompson.

Reactionary Republicans and reactionary Democrats are not merely making common cause against Stubbs now for the purpose of defeating him and sending a weak, reactionary Democrat to the senate instead. Their cause always has been a common cause. You haven't failed to notice that when weather conditions look squally for machine politicians, they always run for the same cover, regardless of party.

The question as to who shall be the next elected senator from Kansas is vastly more than a question of mere politics.

Those who are fighting Stubbs can see nothing in it but politics, nothing but a game of political advantage. They are out and they want to get in. Most of them have absolutely no conception of present day political and economic questions.

Are you, gentlemen, going to fall for their little game?

A vote for Stubbs at this time is a vote for yourself and a vote for Kansas.

Publicity Committee of the Stubbs-For-Senator Club.

W. S. LINDSAY,
H. M. STARR,
E. W. RANKIN.

(Advertisement)

KENDALL'S SPAVIN CURE

The old reliable remedy for curb, splint, bony growths, ringbone, spavin or other lamenesses. 25 years of remarkable results. \$1 a bottle, 6 for \$5. At all drug stores. Ask for Free Book, "Treatise on the Horse," Dr. R. J. Kendall Co., Elizabeth, Pa., Va.



\$10.00 Sweep Feed Grinder | **\$14.00 Galvanized Stopl Wind Mill.**

We manufacture all sizes and styles. It will pay you to investigate. Write for catalog and price list.

CURRIE WIND MILL CO.,
Topeka, Kansas.



ANYBODY CAN LAY IT.

Rubber Roofing

Warranted For Twenty-Five Years. Freight Paid to Any Station East of Rocky Mountain, except Texas, Okla., Colo., N. D., S. D., Wyo., Mont., N. M., La., Ga., Ala., Miss. and Fla., on all orders of three rolls or more. Special Prices to these States on request.

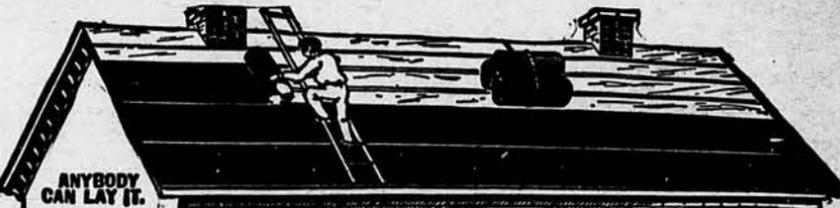
ONE-PLY ... Weighs 35 lbs., 108 Square Feet, \$1.10 per roll.
TWO-PLY ... Weighs 45 lbs., 108 Square Feet, \$1.30 per roll.
THREE-PLY ... Weighs 55 lbs., 108 Square Feet, \$1.50 per roll.

TERMS CASH; We save you the wholesalers' and retailers' profit. These special prices only hold good for immediate shipment.

Indestructible by Heat, Cold, Sun or Rain.

Write for FREE SAMPLES or order direct from this advertisement. Satisfaction guaranteed or money refunded. We refer you to Southern Illinois National Bank.

Century Manufacturing Co., DEPT. 748 East St. Louis, Illinois, or 100 E. 11th St., Kansas City, Mo.





Poultry Keeping

CONDUCTED FOR FARMERS MAIL AND BREEZE BY REESE V. HICKS, PREST. AMERICAN POULTRY ASSOCIATION.

We want you to talk chicken with us. Good short letters on poultry matters especially welcome. A year's subscription to Farmers Mail and Breeze is awarded each week for the most helpful bit of poultry experience, and for second and third best contributions subscriptions to other useful publications.

A neglected cold may turn into roup.

The comb is the chicken's health indicator.

Good development before beginning to lay, is best for the pullet.

For fattening a wet mash is good but at other times let the mash be dry.

Begin right for the winter season by keeping nothing but healthy laying hens.

What is your opinion of the commercial egg foods? Does it pay to buy them?

This is the time of year when a leaky roof on the poultry house needs attention.

A good nest egg may be made by blowing out the contents of an egg and filling the shell with wet cement.

At this season a good many farm flocks are getting too much new corn to make them do their best at laying. New corn is very fattening.

If you want to keep track of the eggs laid by the flock this winter, the only satisfactory means of doing it will be through the leg band and trap nest system.

As Good As a Poultry Paper.

Mr. Editor—We do not take any poultry journals at present but get lots of valuable information along this line from the old reliable Mail and Breeze. We know these articles are the actual experiences of poultry raisers and not written for the money there might be in it. Homer Cotton.
R. 2, Cherryvale, Kan.

Large Shows Are Best.

Mr. Editor—In a few weeks the regular poultry shows will be in full swing again. While all poultrymen should take an active interest in furthering the cause of good poultry exhibitions I believe if there were fewer small shows, having but one or two pens of each breed exhibited, and more energy and concentration were put on the larger and better shows it would be for the greater good of all poultry raisers. At a large show one can see many birds of each variety and thus be better able to compare one's own stock with the best of other breeders. Such a show means something to the winner and exhibitor as well as to the visitor. It is a school of comparison and affords a place for breeders to exchange ideas and become better acquainted with each other. W. A. Hess.
Humboldt, Kan.

A Point In Breeding Layers.

Mr. Editor—More depends upon the male than upon the female in producing a strain of layers. By trapnesting and pedigreeing you will soon be able to discover the males which are able to produce females that lay a large number of eggs each year. When such a male is discovered, you have made a long step toward solving the problem. More seems to depend upon the record of the male than upon the female.

The trouble with most of us in the past has been that we have been breeding from high laying females and paying no attention to the breeding of the male. We could cite you to many farms in this state where we have seen good laying strains ruined in this way. Dr. Pearl of the Maine Experiment station, says, "Inherited high productiveness is not transmitted from mother to daughter, but may be transmitted from mother to son, or from father to son or daughter." He has reached this conclusion after trapnesting and pedigreeing hundreds of birds. But while more depends upon the

breeding of the male than upon the female, you should always breed from good layers to get your male birds.

It is only practical for the average person to trap nest during the winter months of November, December and January of the pullet year to select your best layers. These are really the months that determine which are your best layers as a general rule.

T. E. Quisenberry.

Director Missouri Poultry Experiment Station, Mountain Grove, Mo.

Close Race in the Egg Contest

REDS STILL LEADING.

Twenty-nine hens laid more than 200 eggs during the first 11 months of the National Egg Laying contest. One of the 29, the White Plymouth Rock that has been leading the race, has laid 260 eggs during this time and is sure to win the contest among individuals. Her nearest competitor is a Barred Rock with 239 eggs to her credit. The race among pens has narrowed down to R. I. Reds, White Wyandottes and White Leghorns. The Reds lead with 967 eggs to their credit up to October 1 but the Wyandottes and Leghorns are close behind with 952 and 950 eggs respectively. The following table shows the record of leading pens for the first 11 months of the contest:

Pen	Eggs laid.
107. R. C. Reds	967
52. W. Wyandottes	952
13. S. C. White Leghorns	950
20. S. C. White Leghorns	931
85. B. P. Rocks	911
112. Black Orpingtons	895
96. S. C. Reds	871
28. R. C. Brown Leghorns	863
64. Silver Wyandottes	856
98. S. C. Reds	845
59. Silver Wyandottes	845
114. White Orpingtons	811

The best individual layers and their records are given in this table:

Bird's Number	Breed	Eggs laid.
717.	White Plymouth Rock	260
381.	Barred Plymouth Rock	239
602.	R. C. Red	231
372.	S. C. Red	230
19.	Ancona	230
119.	S. C. W. Leghorn	224
198.	S. C. W. Leghorn	224
463.	Barred P. Rock	220
179.	S. C. Red	220
613.	Barred P. Rock	218
488.	White Wyandotte	216
525.	Silver Wyandotte	215
545.	White Orpington	215

Although a White Plymouth Rock has made the best individual record so far it is also a pen of White Rocks that has made the poorest showing in the contest. This pen of five hens has laid only 354 eggs in 11 months. The best pen of Indian Runner ducks has a record of 647 eggs laid up to October 1.

Making Sure of Winter Eggs

MRS. F. D. JESTER.

[Written for Farmers Mail and Breeze.]

Many people wonder why Mrs. So-and-so gets so many eggs every winter, but Mrs. So-and-so probably knows why. There are only a few requisites for winter eggs and now is the time to look after some of them. First is a good house. Better have it a little larger than the flock seems to need. Have it warm and dry with a dirt or cement floor rather than one of boards. Arrange it conveniently and have a roomy scratching shed open at the south only. This opening may be covered with poultry wire and it is a good plan to have large wooden doors to close on stormy days and nights. Having the floor several inches higher than the ground level will avoid dampness.

Some few indications of the egg producing type of hen may be relied upon. A long body, full breast, and a broad abdomen, well proportioned, wide between the thighs, and a large capacity for eating. The comb varies with the breed but it should be well filled and of medium size. Eyes should be large and bright and neck not too long. The hen should be a well rounded bird, evenly poised on her legs. It is safest to market a hen when she reaches 3 years.

The layers need a clean house and after cleaning it sprinkle air slaked lime over the floor and see that all lice and mites are gotten rid of.

The feed is quite important but not as much so as some people think. I feed whole grain in the litter early in the morning—wheat, oats, cowpeas and a little buckwheat. At noon they get a mash of corn meal, wheat bran, oats, meat meal or green cut bone and vegetables or apples. Green feed, shell grit and water are always at hand. Scalded hay is rel-

ished by hens and so is a pan of skim-milk.

There is far more in keeping hens healthy than in curing them after they are sick. A good deal is indicated by the droppings. In color they should be dark, tapering off to a grayish white, not too solid but holding their shape. If yellow or brown and pasty they do not get enough meat, if watery and dark with red mucous in them they get too much meat or their surroundings are filthy. Felton, Del.

FREE TO POULTRY RAISERS.

Great Book of Money-Making Poultry Secrets—Given to Mail and Breeze Readers.

The well-known poultry authority, Mr. Reese V. Hicks, has written an intensely interesting and practical book that should be in the hands of every person interested in raising poultry for profit. This book is "Tricks of the Poultry Trade"—the one different, desirable poultry book of the year. Among the many valuable secrets found only in this book are the following: Three methods of selecting the laying hen; A sure and certain method of selecting eggs for hatching; How to raise 500 chickens on a lot 30 by 40 feet; How to build a natural hen incubator; How to build feed hoppers and fireless brooders; How to make feed at 10 cents a bushel; How to make winter egg ration, poultry feeds and tonics, egg preserver, louse killers; How to grow pullets that lay young and make a large egg yield; How to handle incubators to best advantage; The trick of securing more pullets than cockerels; How to tell age of eggs and fowls; How to prevent lopped combs.

All these and many more subjects—too numerous to mention here—are fully covered in this great book. It is big value for two dollars of anybody's money—but we're giving them away FREE on this plan: We will give you one year's subscription to Farmers Mail and Breeze, one year's subscription to Poultry Culture, the best poultry journal in the West, and one copy of this great book of poultry secrets—all for only \$1.25. State whether you are an old or new subscriber. Address at once, Arthur Capper, Publisher, Topeka, Kan.

Trial trip until January 1, 1913, for 15 cents, Mail and Breeze, Topeka, Kan.

Reliable Poultry Breeders

DUCKS.

CHOICE Indian Runner ducks for sale, Martha Haynes, Grantville, Kan.

INDIAN RUNNER ducks. Topeka fair winners. Satisfaction guaranteed, Burt White, Burlingame, Kan.

INDIAN RUNNER DUCKS. Fawn and white. White egg strain. Choice young stock, reasonable. R. J. Shirk, Ramona, Kan.

INDIAN RUNNER ducks and drakes. American Standard, light fawn and pure white egg strain. Howard Duncan, Conway Springs, Kan.

TURKEYS.

BOURBON RED and Bronze. Emma Ahlstedt, Roxbury, Kan.

BOURBON RED turkeys for sale. Mrs. D. W. Shipp, Belleville, Kan.

SEVERAL VARIETIES.

WANTED—Small pullets, Barred Rocks, Reds, Buff Leghorns. Box 103, Post, Texas.

MOTTLED ANCONA cockerels for sale \$1.00 and up. W. H. Hardman, Frankfort, Kan.

S. C. W. LEGHORNS, S. C. White and Buff Orpingtons. Write, J. A. Blunn, Sta. A., Wichita, Kan.

LOW PRICES—Thoroughbred stock. Sixty varieties. Special list free. Jordan Poultry Farm, Coffeyville, Kan.

BLACK LANGSHANS until Nov. 15th. Cockerels \$1. Pullets 75 cts. each. Mrs. Geo. W. King, Solomon, Kan.

KANSAS POULTRY FARMS, Emporia, Kan. Any variety chickens \$1. Ducks, Holland and Bourbon turkeys.

300 FINE Single Comb White Leghorn cockerels at attractive prices. Order early. Armstrong Bros., Arthur, Mo.

43 VARIETIES, poultry, ferrets, pigeons; special prices on young stock. Catalogue 3 cents. Missouri Squab Co., St. Louis.

FOR SALE at bargain prices. White Orpingtons, Anconas and Indian Runner ducks. College Hill Poultry Yards, Sterling, Kan.

EXTRA BIG BONED, high scoring, greenish glossy, black eyed, Black Langshan, guaranteed. Osterfoss Poultry, Hedrick, Iowa.

BARGAINS in White Rocks, White Holland turkeys, Embden geese, Imperial Pekin ducks, White Cochon Bantams, White guineas, Pearl guineas and White Wyandottes on separate farms. A. T. Garman, Courtland, Kan.

WHITE AND BUFF WYANDOTTES, White and Buff Plymouth Rocks, Rhode Island Reds, Orpingtons and Langshans. Large early hatched birds, at bargain prices for thirty days. Bradshaw Poultry Yards, Bradshaw, Neb.

FOR SALE, reasonable—Thoroughbred turkeys, geese, ducks; 13 kinds of poultry—cocks and cockerels of all kinds. Also guineas, bantams, fancy pigeons, dogs, rabbits. Say what you wish and write for free circular. D. L. Bruen, Platte Center, Neb.

Reliable Poultry Breeders

LEGHORNS.

BUFF LEGHORNS. Choice cockerels now \$1 each. Mrs. John Wood, Solomon, Kan.

THOROUGHbred Single Comb White Leghorn cockerels \$1.00. B. H. Alfus, Axtell, Kan.

100 PURE Single Comb prize winning Brown Leghorn cockerels 75 cts. each. Chas. Dorr, Osage City, Kan.

100 ROSE COMB WHITE LEGHORNS, cockerels and hens, from prize stock. A. G. Dorr, Osage City, Kan.

PRIZE WINNING Single Comb Brown Leghorn cockerels, \$1 to \$5 each. C. B. Brown, R. R., Fairmont, Neb.

SINGLE OR ROSE COMB Brown Leghorns for Utility, Show or Breeding Cockerels. Address The Ideal Stock Farm, Kiel, Okla.

FOR SALE—Pure bred S. C. White Leghorn cockerels \$1.00 each. F. O. B. Ellinwood or Clarin, Kan. N. J. Spanier, Ellinwood, Kan., R. 2.

200 SINGLE COMB BROWN LEGHORN cockerels and pullets. Can furnish utility or show birds cheap if taken at once. G. F. Koch, Jr., Ellinwood, Kan.

SINGLE COMB BROWN LEGHORN cockerels. Farmers' utility stock, breeders or show birds. At once. Write wants fully. Prices right. H. C. Short, Leavenworth, Kan.

100 S. C. WHITE LEGHORN hens bred-to-lay. \$1.00 each. 150 early cockerels \$1.00 to \$2.00. Guaranteed winners for any show cheap. Indian Runner ducks \$1.50. Catalogue free. Ackerman Leghorn Farm, Rosedale Sta., Kansas City, Kan.

PLYMOUTH ROCKS.

BIG TYPE BARRED ROCKS. A. H. Duff, Larned, Kan.

BUFF ROCK cockerels and pullets for sale. William A. Hess, Humboldt, Kan.

ROCKS—Buff and Partridge. Females \$1.50, males \$2.00. W. F. Alden, Ellsworth, Kan.

FOR SALE—White Plymouth Rock cockerels and pullets. \$1.00 if sold soon. Mrs. Ida Baugh, Kincaid, Kan.

PURE BRED Barred Plymouth Rock cockerels. Early hatched. All farm raised, \$1.00 and \$1.50 each. Prize winners \$5.00 each if taken soon. Mrs. C. N. Bailey, Lyndon, Kan., R. No. 2.

BARRED ROCK cockerels. 50 big farm grown cockerels as good as the best. Bradley strain. Popular prices. Write for prices, weights and full descriptions. A. N. Waechter & Son, Riverton, Neb.

WHITE PLYMOUTH ROCKS—We have a choice lot of yearlings and young stock, which are large, pure white and healthy. An excellent laying strain with low combs, yellow legs and skin. Single bird \$1.50, 2 \$2.75, 4 \$5.25, 6 \$7.50. Mrs. Walter Cline, Versailles, Mo.

RHODE ISLAND REDS.

R. C. REDS. Dane Huffington, Latham, Kansas.

ROSE COMB RED cockerels. From prize winning strain. Howard Duncan, Conway Springs, Kan.

FIRST CLASS R. C. Red cockerels \$3 each, hens \$2 cts. each. Mrs. B. F. Weigle, Winfield, Kan.

ROSE COMB RED cockerels and pullets from carefully selected stock. Sadie Smith, Bronson, Kan.

THIRTY full blood R. C. Red cockerels 75 cents, for 2 weeks; going to move. Must sell quick. Jesse Moore, Garfield, Kan.

SINGLE COMB RHODE ISLAND RED cockerels. Early hatched, good quality. Prices right. Clyde C. Whiteley, Wichita, Kan.

RED EGG MACHINES. Rose Comb Rhode Island Red cockerels from excellent laying strain. Beautiful plumage. Write Alfred A. Nieweg, Lois, Mo.

WYANDOTTES.

WHITE WYANDOTTE cockerels. Mrs. M. F. Austin, Miltonvale, Kan.

WHITE WYANDOTTE hens 75c each. Mrs. M. E. Johnson, Humboldt, Kan., R. 2.

QUALITY White Wyandotte hens and pullets \$1.00, cockerels \$2.00. J. W. Gray, Chanute, Kan.

GOOD Silver Laced Wyandotte cockerels \$1.00 each. Write at once. C. F. Dougherty, Lewis, Kan., R. No. 3.

BUFF WYANDOTTES—Breeding stock in season. A splendid lot of youngsters coming on. The best bargains to those who buy early. Wheeler & Wylie, Manhattan, Kan.

PURE BRED Silver Laced Wyandotte cocks, cockerels, hens and pullets. \$1.00 to \$2.50 each. Any bird may be returned at my expense if not as represented. H. A. Dressler, Lebo, Kan.

ORPINGTONS.

S. C. BUFF ORPINGTONS, bred from first prize winners. Dane Huffington, Latham, Kansas.

CRYSTAL WHITE ORPINGTON cockerels (Kellerstrass strain). Early hatched \$5.00 each if taken this month. D. J. Waters, Uniontown, Kan.

BUFF ORPINGTONS. Utility and high scoring show for sale cheap if taken at once. Satisfaction guaranteed or money refunded. Pleasant Hill Poultry Farm, Ellinwood, Kan.

Fitting Horses for Market

(Continued from Page 7.)

dity of form after fattening which is entirely absent before the finishing process is started.

As a few of the horses used in this experiment were kept on the college farms at heavy work immediately after the close of the experiment it is interesting to note that as they lost in weight and condition, they assumed a form similar to that which they had before the fattening period. These changes are so striking as to need little comment but show that the horse at hard work may not only utilize his daily rations

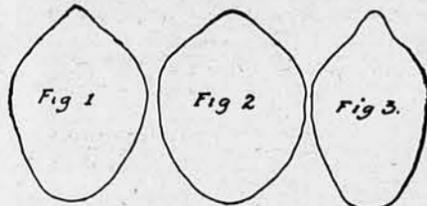


Fig. 1—Typical outline of horse's chest at beginning of the experiment. Fig. 2—Chest outline at close of experiment. Fig. 3—Chest outline after six months of hard work.

for the production of work but may draw on the reserve energy which is stored up in the form of fat on his body.

Some conclusions based on the results of the experiment follow:

Silage made from mature corn, free from mould, not exposed to the air too long before feeding, and properly supplemented with other feeds which will make up its deficiency in protein, can be fed to horses with safety when care is used to have them become gradually accustomed to it.

The horses fed silage as a portion of their ration consumed less grain, made their gains at a lesser cost per pound and were sleeker and better finished than when fed on rations not containing silage.

Using cottonseed meal to replace oats resulted in a cheaper ration, a larger gain, smaller cost of gain and a higher finish in fattening horses.

The rate of gain depends on the ration used and the temperament, disposition, age, condition and type of individual.

There is little change in depth of body or length of body from fattening, the greatest change being an increase in width and an apparent improvement in the spring of rib.

The height at withers is greater in a thin horse than the height at croup. When finished, the height at croup is greater than at withers.

Loan or Gift.

"Have you ever loaned Brown any money?"

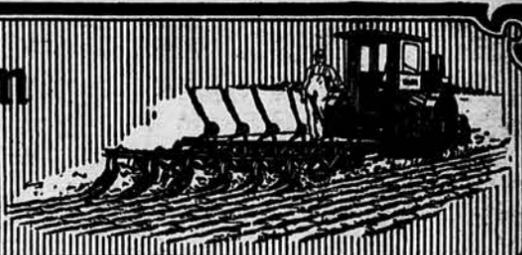
"I don't know."

"Don't know? How is that?"

"I transferred some to him but I'm not sure yet whether he considers it a loan or a present."—Boston Transcript.

Let This 40-Horse Team Do Your Plowing

Case Sets the Pace for the Tractor World



Hitch this "40-horse team" to a Case-Sattley gang plow and turn 6 to 8 furrows at a clip. Plow as deep as you want to go and in record-breaking time. The Case 40-h. p. Gas Tractor will duplicate, right on your own farm, the remarkable performance which won the Gold Medal against the pick of the world's best gas tractors in the 1912 Motor Contest at Winnipeg.

Power farming, with a Case Gas Tractor, means a huge saving in expense, time and labor.

Plowing, harrowing, seeding are easily done at one operation. Deep plowing with Case-Sattley plows, with a Case Gas Tractor, is crop insurance. It means more bushels per acre, therefore more dollars in the bank.

Short seasons, scarcity of labor, etc., have no terrors for the tractor farmer. The "Case" supplies reliable power for harvesting, threshing, hauling and running all belt-power machines. It's an all-the-year-round worker.

CASE 40-H.P. GAS TRACTOR

The Case 40-h. p. Gas Tractor is the result of 20 years of experimental work by this Company—the Pioneer Builders of Gas Tractors in America.

No other gas tractor compares with the Case in Low Fuel Consumption, Power, Ease of Operation and Perfect Work under the most severe tests. Case Gas Tractors and Steam Engines are backed and guaranteed

by the 70-year reputation of the Case Company as builders of Reliable Machinery.

If you are considering the purchase of a gas tractor, better investigate the new and reliable improvements found only on the Gold-Medal-Winning Case Gas Tractor.

Write for complete specifications and vitally interesting Gas Tractor Facts, or call at our nearest Branch House and see exact duplicates of the Tractors that won the Gold Medals at Winnipeg.

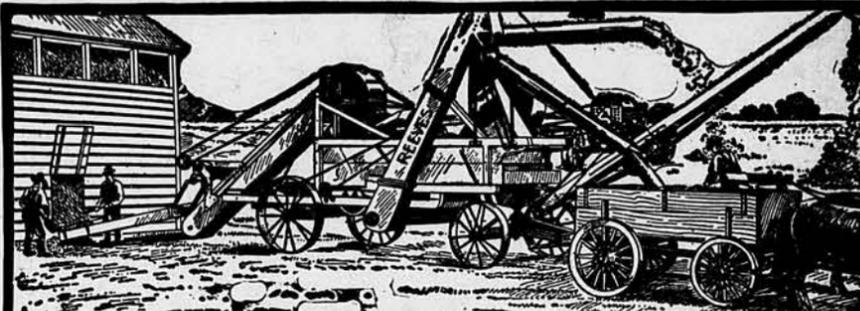
The J. I. Case Threshing Machine Co., Inc., Dept. K, Racine, Wis.
65 Branch Houses—10,000 Case Dealers in the United States and Canada (78)

Pull 100 Stumps A Day—With The Hercules



YOU can clear an acre or more of stumps a day. No stumps can resist the Hercules. Doubles land value—enables you to make \$1200.00 on 40 acres the first year after stumps are out—and \$750.00 in crops every year after. Get the proof. Why not Write Us Now Book tells all the facts—shows many photos and letters from owners—tells all about the many Hercules features. We'll also quote you a special money-saving price proposition that will interest you. Address

HERCULES MFG. CO. 128 21st St., Centerville, Iowa



Higher Prices for Clean Corn

FARMERS get from 2% to 5c more per bushel for corn shelled in this machine. It is cleaned so well that it grades from 1 to 2 points higher. Think of the increased earnings this would have brought you if you had shelled your corn with it last year! Perhaps enough to pay its entire cost and let you make big profits by shelling corn for your neighbors

Reeves Illinois Special Corn Sheller

has the most advanced type of suction fan arrangement that positively cleans the corn of all dust, chaff and foreign matter. The only machine of its kind. Does good, quick work, cheaper than hand labor, with a capacity of over 1000 bushels per hour.

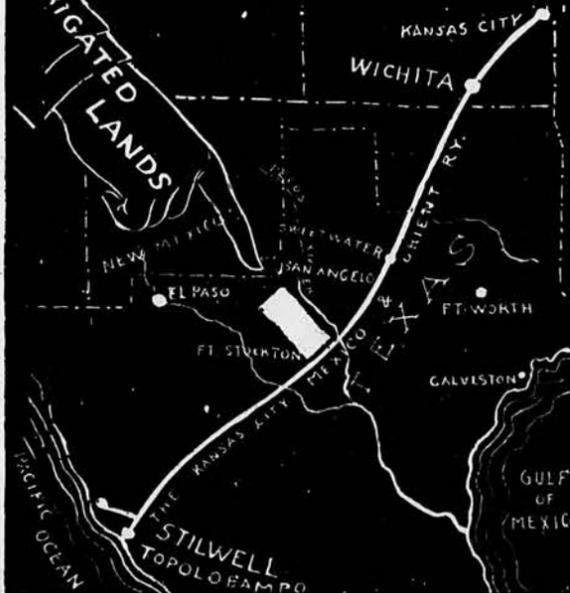
Will stand many years of the hardest use. Built on the cone cylinder type—has long ribs, chilled to stand hardest wear. The cob carrier swings to right or left or out ahead, throwing cobs clear of the machine and wagons.

Many farmers are now buying the Reeves Corn Sheller for their own use and to do contract work for their neighbors. They have found it to be a bigger profit maker than a threshing machine. Let us prove to you how you can make big money this year, and also get higher prices for your own corn by shelling it clean. Send your name and address for our booklet and full information.

The Reeves Illinois Special Corn Sheller is sold by most all implement dealers. If not sold in your town, write us.

EMERSON-BRANTINGHAM IMPLEMENT CO., 39 Iron St., Rockford, Ill.
The largest and most complete line of farm machinery in the world.

Do you WANT SURE CROP LAND THAT YIELDS \$100 PER ACRE ANNUALLY?



Why waste life and energy on land where good crops are a gamble? Come to the SURE-CROP COUNTRY where you don't have to depend on rain. Come to the Irrigated

PECOS PALISADES, PECOS VALLEY, TEXAS

ONE CROP SHOULD BRING BACK THE PURCHASE PRICE.

Alfalfa yields \$100 an acre there. Corn 75 to 80 bushels per acre. THESE RESULTS ARE POSITIVE FACTS, PROVED BY THOSE FARMING ON 7,000 ACRES OF THIS LAND NOW.

Peaches, pears, grapes on irrigated land in this Valley pay upward of \$500 per acre.

Read this letter from V. L. Sullivan, former Territorial Engineer of New Mexico, and be convinced:

"Mr. Blaine has just finished threshing one field of alfalfa on the Thresher Tract, which averaged 536 pounds of seed per acre. This will make a gross income from seed alone of something like \$75 per acre. In addition to this there will be several cuttings of alfalfa hay, which will bring the yields in gross returns to something over \$100 an acre."

Mammoth Imperial Irrigation system, backed by one of the largest reservoirs in the Southwest, cost over \$300,000.

Most healthful climate in the world; 300 sunny days annually; 3,000 feet altitude; balmy winters, long growing seasons, cool nights in midsummer. ORIENT RAILROAD GIVES ACCESS TO THE BEST MARKETS.

An extraordinary opportunity for enterprising men in this new country. Liberal terms.

Write today for our FREE pamphlets telling all about the land and the SMALL COST OF JOINING ONE OF OUR EXCURSIONS AND SEEING THE PROSPERITY THERE WITH YOUR OWN EYES. DO IT TODAY!

UNITED STATES & MEXICAN TRUST CO.,
F. A. HORNBECK, Land Commissioner.
983 Baltimore. Kansas City, Mo.

Hodges and the Lumber Trust

Court Records Show Hodges Brothers Were Members of the Combine For at Least Twelve Years

The following statement of the connection of Senator Hodges, Democratic candidate for Governor, with the "lumber trust" in Kansas and Missouri was furnished yesterday to the Republican State Central committee by one of the attorneys who represented Kansas in the prosecution of the "association" or "Trust":

George H. Hodges, Democratic candidate for Governor, brands the charge that he is a member of the lumber combine as "an infamous falsehood," and his campaign managers say "it is a lie" and that Hodges' political opponents "know they lie while they do the lying."

The secretary of the lumbermen's association is now under indictment in the federal court for violation of the anti-trust law. The testimony in the case of the State of Missouri vs. the association was taken during the past year and is accessible to the public. At page 679 of the testimony, in the official list of the members of the Southwestern Lumbermen's association, March 1, 1896, we find:

"Olathe, Hodges Brothers." An examination of the membership list shows that Hodges Brothers continued to be members for twelve years down to 1908, the time of the bringing of this suit.

The commissioner who took the evidence (the lumbermen being represented by fourteen lawyers) makes a most interesting and illuminating report, from which the following paragraphs are gleaned. They will be of particular interest to the supporters of George H. Hodges of Hodges Brothers, Olathe, members at the time of these practices, of the Southwestern Lumbermen's association:

"The evident object of this association as gathered from its constitution, by-laws and practice, is to compel the observance of so-called 'ethical rules' between dealers, wholesalers and retailers in the trade. These 'ethical rules' were arbitrary and relate in a manner to the division of territory among retail dealers in the trades, for the purposes of trade; to limit the trades and industry to such retailers and to such manufacturers and wholesalers as recognized such rules and to place the control of such industry in the hands of such dealers, wholesalers and retailers as would operate along such lines, and to exclude all others therefrom.

"The retailer favored this, because of the fact that it established him in his business in trade in a territory where he could sell to the consumers upon his own prices in accordance with his own methods without interruption or competition. The wholesalers and manufacturers favored the same, because in return for recognition extended him in its purchase, favored the manufacturer recognizing him and eliminating competition between such manufacturer and those who did not recognize him, and by this, being enabled in such a large measure to control the trade, to reap all advantages resulting therefrom and accomplish such other purposes in connection with the trade as he might undertake."

That the "blacklist" was freely employed is shown by the following provisions contained in its constitution at a time when the court records show Hodges Brothers to be members receiving the benefits of the association:

"Any dealer or any member engaged in either the wholesale or retail lumber business, shipping or selling to consumers at any point where a member of this association is engaged shall be assessed in the sum of twenty-five dollars for each car or less than a car-load shipped. Four-fifths of said assessment shall go to the aggrieved member. The territory of members of this association shall be middle way between themselves and the next nearest dealer who is a member of this association. But no members of this association shall be entitled to ship into another member's territory without incurring all the penalties by the constitution and by-laws provided."

Another section provided: "That the secretary should issue a bulletin monthly, to be mailed under a sealed cover (why a sealed cover, were they afraid of the postal laws?) to all members of the association and containing a list of those violating the by-laws."

The association also passed a resolution pledging its members to buy their supplies of members of manufacturers' associations of bona fide manufacturers and wholesale members of the association and that members persisting in buying from those not in sympathy with it should be expelled.

Further on at page 85, the commissioner found:

"If members purchased from wholesalers and manufacturers who had violated the rules of the association it was regarded by the secretary as not in harmony with the objects of the association, and the retailer himself became an offender and a 'blacklist' of the offending members, both wholesale and retail, and also of offending wholesalers and manufacturers not members of the association was kept by the secretary and through the means of bulletins and other sources was kept constantly before the membership."

The close relation between the Southwestern Lumbermen's association and the manufacturers' or wholesalers' association is also nicely developed in the evidence in this case. It is shown on page 92 of the commissioner's report that the secretary of the Southwestern Lumbermen's association had reported to his association that:

"The 'Farmers' Co-operative Yards' are bothering members in a few localities. We also hope to have the manufacturers properly classify such concerns as aggregations of consumers and to so consider them."

A few farmers in different localities had got together, forming co-operative lumber associations, to protect themselves from the ruinous advance in prices by the lumber dealers. They hoped thus to buy lumber in large quantities at wholesale. But Mr. Hodges and his association objected to this because it would cut off their profit. That is, they wanted the manufacturers of lumber to refuse to sell to these "Farmers' Co-operative Yards" upon the same basis that they would sell to members of the association, but would charge them the retail price. Here is what happened, according to the commissioner's report:

"The expressed hope of Secretary Gorsuch of having the manufacturers add additional concerns to their classification of consumers was recognized by the action of the Southern Lumber Manufacturers' association when the following resolution was adopted:

"Whereas, the business of these retail dealers is being further curtailed by the aggregation of consumers in various localities, who operate what is commonly termed, 'Farmers' Co-operative Yards,'

"Therefore, be it resolved, that the fostering of such concerns by furnishing them with our product at wholesale prices is detrimental to the business of the lumber dealers.

"Be it further resolved, that the secretary of the Southern Lumber Manufacturers' association procure and furnish to members on application, the names of all concerns operating as above described, after such names have been investigated and passed upon by the executive officers of this association."

The commissioner further says: "Thus, again, the harmonious co-operation of the two associations was illustrated and was in line with the common policy of both associations."

And thus again the farmer got it in the neck.

And so on, developing the indubitable evidence of how the lumber combine has advanced the price of lumber in the last sixteen years, from 200 per cent to 300 per cent; of how it parcels off territory among different dealers; of how the combine drives out of business "Farmers' Co-operative Lumber Yards"; and prevents honest men with ample capital from engaging in the lumber business in competition with members of the association; of how production is curtailed and prices advanced and the consumer robbed "coming and going."

Is there any wonder that Mr. Hodges squirms and chokes with indignation when his connection with this association is laid bare?

For Capper Against Book Trust

The Almena, Kan., Plaindealer says editorially: If for no other thing we want Arthur Capper for governor for the reason he is opposed to the school-book trust. Further than this Capper ought to be supported for the office of governor by the Republicans who differ from him on the president business, because of these reasons, and not be opposed in a fit of "mad," even if the mad is natural and human. Let him be for Roosevelt, that does not detract from the fact that he is the best man for the governor's job, for which he is a candidate.

Trial trip until January 1, 1913, for 15 cents, Mail and Breeze, Topeka, Kan.

Mayer Honorbilt Shoes are first in style and unapproached in quality. The superiority of Mayer Honorbilt Shoes for men, women and children is established beyond question. At the price they cannot be equalled by any other shoes in America.



Mayer Honorbilt Shoes are made for lasting service. Excellent stock and fine workmanship make this possible. If you want the biggest shoe value, ask for Honorbilt Shoes. If your dealer cannot supply you, write to us.

WARNING—Be sure and look for the Mayer name and trade mark on the sole

We make Mayer Honorbilt Shoes in all styles for men, women and children; Drysox, Yerma Cushion Shoes, and Martha Washington Comfort Shoes.

FREE—Send name of dealer who does not handle Mayer Honorbilt Shoes and we will send you free, postpaid, a handsome picture, size 15x20, of George or Martha Washington.

F. Mayer Boot & Shoe Co. Milwaukee.

11 1/2 CTS. A ROD UP

Big, bright, close-woven **SOLD DIRECT on 30 days free trial.** 75 styles of Fence and 54 styles of Gates. Send for our big, handsome four-color Catalogue. It will save you Money, Time and Freight.

OTTAWA MFG CO. 804 King St. Ottawa, Ka.



Trusses Like These Are a Crime



Here's an end to the curse of wearing straps and springs that squeeze and pinch—pads that do no good—trusses that simply shorten your life. Here's something absolutely guaranteed to keep your rupture from coming out. Test it on 60 days trial and see if it doesn't hold at all times then it won't cost you a single cent. Has relieved some of the worst cases on record—made them entirely well. Doctors and surgeons who know of it recommend it instead of operation. No belt, no leg straps, no springs. It water-proofs—will hold in bath. Write for Free Book and find out all about it. Book is full of facts never before put in print. Cloth-bound. 96 pages. Explains why elastic and spring trusses cannot help you. Shows dangers of operation. Exposes the humbug "appliances," "methods," "plasters," etc. Will save you from wasting money. Shows why 60 days trial we allow is the only safe way to test anything for rupture and how we offer you the only thing good enough to stand such a long and thorough test. Book gives over 5000 voluntary endorsements. Write for it to-day—it tells you things you could never find out by going to doctors or druggists. Address: **Box 545-Clefte Co., 125 E. 23rd St., N. Y. City**

STARK TREES BEST BY TEST—96 YEARS

Plant Your Acre Write for Our Free Book

Full instructions for planting and caring for trees and shrubs—the boiled-down experience of four generations of orchard and nursery men. To plant an orchard is the duty of every man.

Special Service Department, in charge of trained men, will help you start your orchard right; suggest best varieties for your locality; advise as to pruning, spraying, cultivating, etc. This service is free.

STARK BROS. Nurseries & Orchards Co. LOUISIANA, MO. Established 1816

GALLOWAY'S Factory-to-Farm Bargain Price, **\$695**

Write for my Special 1913 Offer



On This AUTO TRANSPORT Easily Worth \$850

LISTEN—Farmers, Business Men, Pleasure Seekers! Here is Galloway's latest Hobby, the Wonderful 3 in 1 Automobile that successfully fills the missing link in the Chain of Automobiles today! I call it the AUTO TRANSPORT, because it will actually go through snow and mud and transport anything or anybody—anywhere—anytime, safely, cheaply, economically.

While it is a wonderful car for all uses, it is especially valuable on the farm. Think of what a Galloway AUTO TRANSPORT will do for you. The time it saves—and time is money!

The Auto Triumph of 1913

I tell you, Men, this Galloway 1913 Auto Transport is a wonder! A Mechanical Masterpiece with more real, practical, common-sense automobile value packed into its make-up, dollar for dollar of cost to you, than any machine in the world. It's Galloway's best achievement—absolutely right from radiator to rear light—at a price figured way down to just a shadow above actual cost to make—on terms so easy that you'll hardly realize you are paying.

Does The Work Of Three Teams

With this rig a man or boy can do more work in a half day than three men and three teams can do in a day. We have proven that. I have a dairy here on my farm near Waterloo. We have used one of these rigs on our place all summer and fall every day, day in and day out, week in and week out, and with it a boy we have on the place who delivers the milk, hauls and makes more deliveries in three hours than three teams could make all day.

Built For The Hardest Wear

Yes, sir—this Galloway Auto Transport of mine hits the nail right square on the head! It's built for the hardest

Send For Full Description and My Special Business Introductory Offer That Will Help You To Pay For Your Transport and Make You Money While You're Using.

WILLIAM GALLOWAY, President,
William Galloway Co., 206-KA Galloway Station, Waterloo, Iowa

A Wonderful Convenience

You can haul hundreds of things in a Galloway Auto Transport: pigs or calves, sheep, poultry, milk, butter, eggs, vegetables, fruit or any kind of produce to market. You can jump into this new Transport and go to town before you could feed, curry, harness and hitch up a team. If you need something in a hurry, jump into the Transport and you are there before you know it.

When you come home you can bring it full of groceries, flour, feed, furniture, hardware, coal, salt, lime, cement, lumber or anything you can think of in the freight line, or you can bring it home with a whole load of company from the city. And on Sundays and holidays you can take your family and friends out for a delightful drive, giving your faithful, hard working horses a well deserved rest.

My Net Working Price \$695 Easily Worth \$850

Remember, this Auto Transport is no toy! It is practical, durable, built on honor of best materials, and every rig is thoroughly tested before shipment. My bed rock net factory price is only \$695 but is worth to you in actual value all you could get—and more—from one of the big \$1500 to \$3000 cars, because it gives you three uses in one—a "run-about" for chores around the farm and errands in town, a transport for freight and a pleasure car for the family.

Forbidding the Sale of Calves

READERS' COMMENTS.

The Mail and Breeze of October 12 published extracts from a speech made before the National Livestock Exchange by H. H. Fletcher, president of the Indianapolis exchange. Mr. Fletcher gave figures to show that an enormous increase in the public's demand for baby beef had increased the slaughter of calves by 600 per cent within the last 10 years and argued that this increased demand for veal threatened the extinction of the beef industry. To prevent this he advocated a law forbidding the slaughter and sale of heifer calves under 3 years of age for a period of 3 years.

The readers of Farmers Mail and Breeze were invited to make their own comments on Mr. Fletcher's proposition which, judging by this week's sample, they seem quite able to do. Perhaps enough has been said.

It may be noted that the exchange contented itself with referring Mr. Fletcher's recommendation to its executive committee, indicating, possibly, that it did not consider immediate action necessary.

Here are the comments:

How to Shorten the Shortage.

Mr. Editor—I like very much your custom of allowing both sides of a question to be discussed. According to the figures of Mr. Fletcher in the Mail and Breeze of October 12, the cattle industry is going to smash. However, there is comfort in the thought that you can take figures and prove most anything. The main reason for a cattle shortage is that there has been too little in it for the producer. The consumer has been paying big prices but the dealer, the packer and the railroads have been getting all the profits. If there is going to be any panic in the beef industry it will not be among the producers but among the parasites and hangers-on whose principal contribution is hot air. Why don't the interests break the cattle market by importations as in the labor industry?

In passing laws to assist the producer to run his own business would it not be well to insert a provision requiring the producer to put up rods of hazel and poplar and chestnut at the watering places in order that the cattle may be produced "ring-streaked, speckled and spotted"?

Talk of a law of this character, as every thinking man knows, is all buncombe. If we are drifting into paternalism a law of this kind would be about the thing.

The law of supply and demand I doubt not will adjust this matter in due time. Just show an American there is money in the beef industry for him and he will eat up the cattle shortage in spite of war, famine or pestilence.

Lorin S. Whitney.

Fairview, Kan.

Give the Producer a Show.

Mr. Editor—We will admit there are fewer cattle than there were 10 years ago, but what has caused the decrease in number on ranch and farm for the last several years? The answer is easy—the price obtained was not sufficient to cover the cost of production, leaving out time, money invested and no profit, instead of the pitiable excuse of calves being slaughtered. Brother Fletcher with the rest of his high-browed, aristocratic bunch of third-rate fertilizer, would make us produce cattle in numbers as of old and sell them at any sum they are willing to name.

I haven't seen any cattle raiser who seemed worried over any cattle shortage, real or imaginary. But I have seen men after feeding cattle on good corn and feed for six months come home with three years labor given away on account of over-production and scheming interests at the other end of the road. If farmers and stockmen accept the advice of these stiff-necked vultures they may reap the same reward again in a few years. Better produce fewer but better cattle, using only the best purebred male of our chosen breed, culling out the poor and undesirable cows and heifers.

Let prices stay where we can raise cattle and come out with some profit and the beef industry that Brother Fletcher's clique is losing so much sleep over will flourish and tassel more pro-

fusely than it ever did when we had our 2 to 5-cent cattle that made cattle raisers so happy they went out of business.

The cattle country of the United States will produce cattle up to its ability as long as there is any profit in it, but the Fletcher plan is just one more instance of the selfish interests trying to tie the arms of the producer.

Penokee, Kan. W. H. Belveal.

Let the Middlemen Raise 'Em.

Mr. Editor—I am a farmer and a stock raiser in a small way and note Mr. Fletcher would legislate against farmers selling heifers under 3 years old for a period of three years. In other words he would dictate to the producer what to raise and when to sell, thus often burdening the producer with a lot of stuff on his hands.

It is my opinion that if these presidents of livestock exchanges would colonize about 100 per cent of the middlemen, who grow fat at the expense of the producer and the consumer, out on these large cattle ranges and go to raising beef cattle, it would increase the production of beef more quickly than any legislation. It would give the profits now going to the middlemen to the producers and would lift a heavy burden from the shoulders of the consumer.

The cattle raiser is amply able to take care of his own affairs without being dictated to by these men who produce nothing but advice and such legislation would only tend to disgust the stockman to the extent that he would reduce his herds instead of increasing them. Hence to make such legislation successful, Mr. Fletcher would also have to pass a law compelling the stockman to raise more cattle.

The farmer and stockman is already in the minority. Too many are leaving the farm as it is, so do not make their lot any harder. I wonder if Mr. Fletcher ever stopped to think how many people the farmer is feeding, who never raised anything but a fuss.

Benedict, Kan. E. Barton.

Jackson and Murdock Endorsed

BY FARMERS' ORGANIZATIONS.

J. F. True, of Shawnee county, recently wrote a letter to J. H. Patten, general counsel of the Farmers Union, at Washington, asking what Congressman Fred S. Jackson's record had been with reference to farmers' interests. He received the following reply, an enthusiastic endorsement of both Jackson and Murdock, by all the National farmers' organizations:

I take pleasure in answering your inquiry for the legislative record of Congressman Fred S. Jackson, and in giving you the requested opinion as to whether he acted for the best interests of the people of the West and the farmers in particular.

As a partial answer I beg to enclose a copy of a letter that I recently wrote in response to inquiries about Congressman Jackson and in which I pointed out the contrast between him and such active, wide-awake, energetic and progressive congressmen as Jackson and Murdock.

Congressman Jackson is one of the most active, energetic, courageous and efficient members of the present house in my opinion and the opinion of other representatives of farmers' organizations. And consequently in reply to your specific question as to whether he ought to be returned I should answer yes, unqualifiedly and unhesitatingly. My reasons are that he has spoken, worked and voted for every reasonable piece of rational legislation in which the people, and particularly the farmers were interested, as expressed by such organizations as the Farmers' Union, the Grange and the Farmers' National Congress. For instance, he introduced a bill curbing gambling in farm products, he took the house leaders severely to task for suppressing the consideration of general parcel post and voted against the "gag" previous question May 2; he voted in favor of revising "indefensible" Schedule K, he made valuable suggestions in connection with anti-trust legislation that showed a remarkable grasp and practical understanding of the whole question, he took sound ground in regard to Canadian reciprocity, immigration, workmen's compensation, popular election of senators, and in fact has been one of the most active, effective, and industrious members of the house, attaining already a position of respect, confidence and recognition, for courageous action and high statesmanship that many an older member would be pleased to have in congressional circles.

I trust this letter and the enclosed will meet your inquiry, and assure you that in so far as the representatives of the Grange, the Farmers' Union, the Farmers' National Congress and other farmers' organizations are concerned, Congressman Fred S. Jackson is re-



E. Myers, President, E. Myers Lye Co.

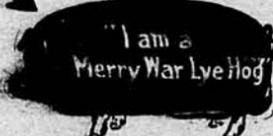
There Is A Specially Prepared Lye That Prevents Hog Cholera

It didn't "just happen" that Merry War POWDERED Lye has proved itself, by the actual experience of thousands of farmers to be the safest preventive of hog cholera, destroyer of worms and the best hog conditioner and fattener the world has ever known. Far from it—that is exactly what I meant it should do—what I have been earnestly striving to make it do during the past 20 years. Therefore I know what I am talking about when I say that Merry War POWDERED Lye is just what I claim it to be—a POWDERED Lye, specially prepared, that will prevent hog cholera, destroy worms, condition and fatten hogs!

Don't be persuaded to try an ordinary, old fashioned lye 5c a month—to protect a hog from cholera, as a possible preventive of hog cholera. At best it would be a doubtful, and perhaps a dangerous experiment. The use of Merry War POWDERED Lye is not an experiment. Experience has proved my claims for it. Plain directions for feeding to hogs are printed on the label. These directions are not guess work. They give, as the right quantity, one-half can to a barrel of swill or drinking water and Merry War POWDERED Lye should be used in that proportion daily to obtain the desired results.

Now Prove All This For Your Own Self Most dealers handle Merry War POWDERED Lye; 10c per can (120 feeds). It's convenient to buy by the case, four dozen cans, \$4.80. If you can't supply you write us stating dealer's name—we will see that you are supplied and send you, FREE, a valuable booklet on "How to Get the Biggest Profits from Hog Raising." YOU MAY ORDER DIRECT FROM US AT \$4.00 PER CASE OF 48 CANS if your dealer won't supply you.

E. MYERS LYE COMPANY, Dept. 10 St. Louis, Mo.



Which Kind Do You Want?

FREE



- 1st Prize, \$400 Piano
2nd Prize - - \$75 Diamond
3rd Prize - \$50 Gold Watch
4th Prize - \$30 Phonograph
5th Prize, \$10 Fireless Cooker

Five Grand Prizes! Hundreds of Special Awards

Big Cash Earnings For All

This is positively the most liberal contest offer ever made! In this contest you have a SURE chance to win up to \$5 or more each day as well as an equal opportunity with all other contestants to earn one or more of the 5 grand prizes and the many special awards to be given away in this great contest. In this contest you can't lose. If you work at all you are paid for every minute of your time. You should find it no difficult task to earn clear profits of from \$15 to \$25 or more each week—and if you do even this well you are almost sure to win one of the valuable special awards as well as one of the five grand prizes—possibly the First Prize, a \$400 Guaranteed Piano!

The Weekly Capital's Greatest Subscription Contest!!

The object of this contest is to get subscriptions to the Weekly Capital, the well-known news weekly and home and family paper published by Arthur Capper at Topeka, Kansas. The subscription price of the Weekly Capital is only 25c a year—less than half a cent a copy—and at that price it is the biggest newspaper value ever offered.

Open to Everybody—and Everybody Wins!

This contest is open to every man, woman, boy or girl in the United States. The contest closes Saturday, November 30, 1912, and on that date the five Grand Prizes will be awarded to the five contestants who have sent in the most subscriptions to the Weekly Capital. In addition to the grand prizes and special awards every contestant receives a commission of 40% out of all subscription money collected. If you average only 25 subscriptions a day you would be earning \$15 a week—and would be sure of one of the special awards and have an excellent chance at the first Grand Prize! It doesn't cost you a cent to enter this contest. Just send your name and address and we will send you a full outfit of supplies and start you in the work at once. You have just as good a chance to win as anybody has and you can't lose, because you are sure of getting pay for every minute you devote to the work. Get in now at the start of the contest—and get in to win.

Cut Out and Mail This Coupon
Manager Weekly Capital Contest, Dept. 12, Topeka, Kansas.
Dear Sir: I wish to enter the Weekly Capital Subscription Contest. Please enter my name as one of the contestants and send me full particulars, sample copy, subscription blanks, etc., free of all cost and postage prepaid.
My Name.....
Address.....

Address WEEKLY CAPITAL CONTEST, Dept. 12, Topeka, Kan.

garded as a most reasonable, dependable and worthy friend of all rational, safe and sane needed legislation. J. H. PATTEN, General Counsel, Farmers' Educational and Co-Operative Union of America, Bliss Building, Washington, D. C., October 12, 1912.

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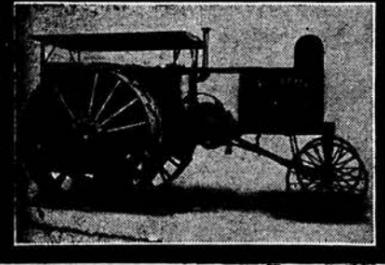
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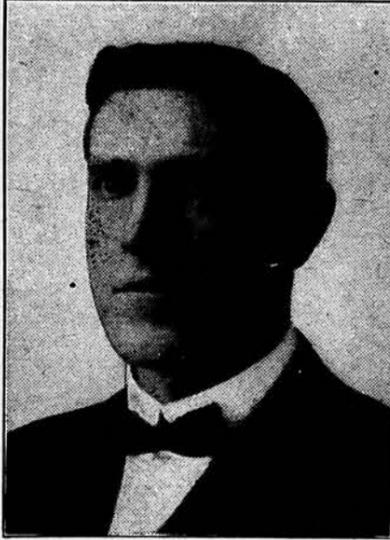
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Cabinet Timber in Kansas

It is generally recognized outside of the state, as well as at home, that Kansas has several men large enough intellectually and well fitted by training and experience to fill the most important if not the biggest job in the nation, that of secretary of the U. S. department of agriculture. Dean Webster, of Kansas Agricultural college, is one of the Kansas eligibles whose fitness has recently been acknowledged elsewhere. It is remembered that as former chief of the



DEAN E. H. WEBSTER

Who is being mentioned as a possible successor to Secretary Wilson of the U. S. department of agriculture.

dairy division of the federal department Webster issued a particularly fearless report in support of the co-operative creamery as against the centralized system. He also originated and conducted a number of other important investigations and proved to be a powerful champion of the interests of the dairy farmer and therefore of the dairy industry. The dairy division of the department has never been so alive and useful as it was under Webster's supervision, all of which indicates what he might do as secretary.

In connection with the possibility of a new head for the department of agriculture, the Milwaukee trade journal, "Flour and Feed," mentions Dean Webster's name and adds:

The Elgin Dairy Report, an admirable publication devoted to the dairy interests, has suggested that E. H. Webster, formerly chief of the dairy division, and now at the

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Kansas State Agricultural college, would be a suitable successor to the present secretary of agriculture, and we can remark in passing, that the president could go much farther and do much worse than select Mr. Webster, whom the grain and feed people know so well. He is remembered because of his activity in the conventions of the Association of Feed Control Officials of the United States, and because of his frequent appearances at the meetings of the American Feed Manufacturers' association.

Dean Webster is a product of Kansas and the West and was educated at the college he now serves as dean. Should he be selected to preside over the department of agriculture, his Kansas friends feel certain he would not divide the responsibilities of its administration with the Remsen board or Solicitor McCabe.

Senator Hodges a Reactionary

William Allen White Says Hodges's Plea is "An Appeal to the Ignorant"

William Allen White, National Committeeman of the Progressive Party has issued the following letter, relative to the attempt made by Senator Hodges's friends to make it appear that he is in sympathy with the progressive movement in politics:

Emporia, Kan., Oct. 19. My Dear Sir:—Unexpectedly I find that a determined fight is being made upon Arthur Capper. I have known Arthur Capper for thirty years. I have known him and associated with him politically with a great degree of intimacy during these years. He is not a turnover or a dodger. He came out squarely for Roosevelt long before the Republican National Convention, and in the primary campaign, after the Republican National Convention, he still reiterated his declaration for Roosevelt and has given generously to the Roosevelt State campaign.

His paper stands openly for Roosevelt and the Progressive movement. He has lent all the strength of his paper and his personal influence to the Progressive cause in this State.

On the other hand, Senator Hodges, who made a good Progressive record in the Senate, after he ran for Governor lined up with the reactionaries and took away from the Progressives the organization of the Senate, which carried with it control of the Senate and thereby defeated many important Progressive measures. Hodges was careful to vote for these good measures himself, but when he lined up the Democrats against the Progressive Republicans and with the Stand-pat Republicans in the State Senate, he sounded the death-knell of several big and important Progressive measures. More than that, during all this campaign Senator Hodges has been making an open bid for stand-pat votes. He has been ridiculing all the work done by Governor Stubbs, and charging him falsely with increasing the State expenditures. Every one knows that the Governor cannot spend one single penny of the State money for State purposes, or that no officer can spend a single penny for any purpose without being authorized by law. And Hodges, as a member of the Ways and Means Committee in the Senate, voted upon every item of increased expenditure for which he is now complaining. Moreover, if he had voted against these items of increased expenditures, he would be trotting up and down Kansas with the pages of the records showing where he had voted against them.

His plea is an appeal to the ignorant, and it should not deceive Progressive Republicans. It seems to me there is no equal choice for Progressive Republicans in this State between Hodges and Capper. Capper is supporting Roosevelt and standing upon the Republican platform which endorses the Progressive work of Kansas during the last eight years. Hodges, on the other hand, who claims in one breath to have written many of the Progressive laws, is making a bid for the stand-pat votes and in the next breath proclaiming that these laws which he made have increased the taxes.

Capper endorses the Progressive National movement in this state. Hodges is fighting Colonel Roosevelt with all the bitterness he can use, and is trying to destroy the Progressive movement in this State. No good Progressive in either party should vote for Mr. Hodges. He will get the stand-pat vote in both parties, and Mr. Capper is entitled to the Progressive vote in both parties.

Truly and sincerely yours, W. A. WHITE.

Hog Cholera Well in Hand.

Hog cholera is still prevalent in Kansas, but there is not one-half as much as a year ago. The serum plant at Manhattan is filling orders every day, but the capacity of the plant is not taxed. The great danger in cholera lies in letting the disease get too much headway before taking action to stamp it out. The safe thing to do is to vaccinate as soon as the disease is known to be in the neighborhood. To wait until it breaks out in your herd before getting the serum, is too risky. Disastrous results, also frequently follow the use of fake remedies, which should always be avoided.

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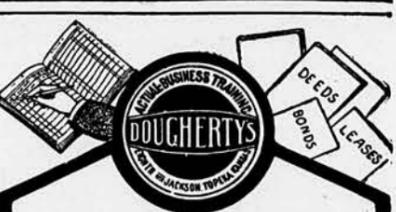
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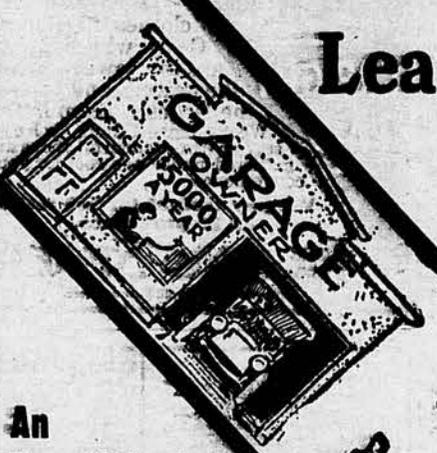
demand for practical automobile men. Chauffeurs, Chauffeur-Mechanics, Demonstrators, Salesmen and Managers are wanted everywhere. The demand for competent men is more than double the supply. That's why the auto business pays the biggest salaries today. Millions are invested in the manufacture of automobiles. One company alone has orders for 120,000 cars for 1913 delivery. 300,000 is a conservative estimate of the output for next year. Thousands of dollars will go to the men who handle this product, and thousands more will go for repairs, storage, chauffeurs, etc. Get into the business and get your share of the money.

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An Unsolicited Letter From My First Graduate

Cleveland, Miss., Oct. 24, 1911.
I have a 5-passenger Kissel Kar and am running a livery and garage business here in Cleveland, and am making on an average \$10 per day with only one car. As I don't know that you will get this letter I will not write any more at present. Hoping to hear from you right away, I am, as ever, your true friend,
E. S. SATCHFIELD.
Box 32, Cleveland, Miss.

Glenburn Garage, J. E. Thayer, Prop.
Glenburn, N. D., May 5, 1912.

Mr. E. J. Sweeney, Kansas City, Mo.
Dear Friend: I will try to break the spell of silence by a few lines. We are all well and hope this will find you enjoying the same health. As you will see, I am in the business clear up to the neck. And work? Why, I am swamped! I have had two men working for me part of the time. I have sold four Ford cars so far and have eight good prospects besides. I have cleaned up about \$1,500 already, and expect to double it before the season ends. Will close with regards to all. Will write again later.
Yours,
J. E. THAYER.



WANTED—Experienced chauffeur to drive 7-passenger touring car; \$100 per month. Address M 231, Journal.

WANTED—Automobile repair man; \$5 per day; permanent position. Address Garage Owner, Z. 421 Journal.

WANTED—Reliable chauffeur to drive car on 10-months' tour of New England states and Europe; \$125 per month and all expenses; chance for right man to see the world; state your experience. Address A. H. Petrus, Kansas City, Mo.

WANTED—Capable man to manage garage; must know auto business and how to handle repair men; salary \$2,000 a year. Address K. 225 Journal.

WANTED—Chauffeur to drive Packard six; \$90 a month and board and room. Address W. E. Rogers, Kan. City, Mo.

WANTED—Auto salesman for best car on market; \$150 and commissions. Address R. S. T., 3419 Main St., Kansas City, Mo.

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BARNEY OLDFIELD.

References: Commonwealth National Bank, Kansas City, Mo.; Dun's or Bradstreet's Mercantile Agencies.

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I am making an extremely liberal proposition to the first 500 members of the Copper Kitchen Cabinet Club. I want to place one of these "Gold Medal" Kitchen Cabinets in your home. It will save you thousands of steps and hours of time. It is the handsomest thing you ever had in the house and as beautiful a piece of furniture as any woman can desire. I have a plan by which you may secure your cabinet absolutely free. Send Today for full particulars and see how easily you can secure one. The Gold Medal Cabinet comes in beautiful Golden Oak finish. Cabinet top 40 x 38 x 12 inches. Sanitary flour bin with glass indicator and dust-proof sifter. Large china closet, spice bin, etc. Base 30 inches high, 40 inches long and 28 inches wide, with nickel top. Large cupboard, three commodious drawers, kneading board, etc. Two-compartment removable metal bread and cake box. Room for everything you need in the kitchen.

I want one lady in each community to take advantage of this offer. Send in your name today. You place yourself under no obligations whatever by asking for full particulars. Let me send you a large illustration and complete description. Write today. Address: Dept. 54
COPPER KITCHEN CABINET CLUB Topeka, Kan.

The WOMEN FOLKS

Conducted by Mabel E. Graves



We want this department to be of practical use to the women who read Farmers Mail and Breeze. If you have any favorite recipe, any helpful hint, whether it concerns the family, the kitchen, the children, the house; or if you have anything to say which would be of interest to another woman, send it to the Home Department editor. Prizes for the three best suggestions received each week will be, respectively, a set of triple-plated teaspoons in the beautiful Narcissus design, a year's subscription to the Household magazine, and a year's subscription to the Poultry Culture magazine.

I wonder if the readers of our Women Folks department know what a storehouse of information they have at their disposal. Sometimes I get so enthusiastic over your letters and the splendid recipes you send in I wish I could go out and bring some of you in personally to see my treasures.

But I know you appreciate them as much as I do, only you don't know quite as much about them because we never have room in the paper for all that come. An Arkansas friend whose sons and daughters are grown, said a week or two ago, "You print such splendid recipes!" Another friend I saw there told me of a sister in Oklahoma who takes the Mail and Breeze and who says she must have Foster's Forecasts. Another friend, in Kansas this time, said, "The Women Folks page is the first thing I turn to when the paper comes. We just couldn't get along without the Mail and Breeze." And still another, in telling of the splendid success she had had with sulphured apples prepared after the rule given on this page a few weeks ago said, "We can't tell the difference between them and those just picked fresh from the tree. I'm never going to can any more apples." And here on the desk just now is a letter from a Wichita reader who writes, "I enjoy the page for the women in the Mail and Breeze, and can hardly wait until the next week's paper arrives to read it."

We have several letters this week that have been sent in response to requests. That is another thing I like, the spirit of co-operation. I think there never has been a request for information published on this page that did not bring at least one reply, and often several. I wish you would write me if the things you would like to find on this page are not here. Please tell me just the things you want, and that will help us to have a page even better than it is now, a page that will be interesting and helpful to every Mail and Breeze woman.

Pimento Sandwiches.

[Requested Recipe.]

Take equal parts of olives and pimentos, mince fine, mix with a little salad dressing and spread on thin slices of buttered bread. Mrs. W. J. Singletary. Grimes, Okla.

Try Steaming the Fern.

[Prize Suggestion.]

If you have trouble with the leaves of your fern turning yellow in cold weather, try giving them a steam bath. Set the pot on a tin can to keep it partly out of water, then place in a tub, pour very hot water around it and leave until the water is cold. You will be delighted with the results. Beloit, Kan. Mrs. A. Gledhill.

Saves Trouble With Pinfeathers.

Would some of you like to try my way of cleaning young chickens? I have Leghorns, and the young bird is very trying to clean on account of thin skin and pinfeathers. After picking and singeing place the fowl in 3 or 4 quarts of water; add to the water a tablespoonful of soda, then with brush or cloth proceed to give it a good bath. You will be delightfully surprised with the results. Mrs. Albert Haley. Bennington, Kan.

Packing Butter for Winter.

[Prize Letter.]

I am sure I can help Mrs. Stevens out of her difficulty in regard to packing butter for future use. Make a brine strong enough with salt to bear up an egg, then wrap your roll of butter in cheesecloth and drop in the brine. Whenever you have an extra pound to spare store it away in this liquor until

you have your jar filled. Be sure to keep it well under the brine, and you will be surprised to find yourself in possession of nice, sweet butter six months after packing. Mrs. Albert Haley. Bennington, Kan.

Kitchen Cabinet Saves Steps.

May I enter your happy circle to tell you how I enjoy your paper, especially Women Folks and Home Dressmaking? I get so much help from them. I would say if women want to save themselves labor they should get a Copper Kitchen Cabinet. I have one and I would not do without it now for anything. It makes my work so much easier. I have it near my cook stove, and when baking day comes everything is in the cabinet and there are no steps to be taken. Mrs. George McHeffey. DeKalb Junction, N. Y.

Cider Apple Butter.

Take 7 gallons of fresh cider and boil down to 4 gallons. Add 4 gallons of cooked apples and 16 pounds of sugar and boil down to 6 gallons. To prepare the apples wash, quarter and core them without peeling, cook and run through the colander. Drain off the juice for jelly, as it is not needed in the butter. Measure the number of inches of cider there is in your boiler when it is first put on, and you can tell when your cider and butter are boiled down to the correct quantity. I enjoy the home department very much. Mrs. N. E. Titus. Hartford, Kan.

What Name for the Baby?

A mother at Bucklin, Kan., recently asked what she should name her baby girl, and in response to this request a number of names have been received from Elsie Luft of Almena, Kan., Mrs. J. Hanschild of Wichita, Kan., and a mother at Grimes, Okla. Mrs. H. H. Seubert of Wakefield, Kan., suggests the name Adelaide.

So many names were suggested we cannot find space for them all, so from them the editor has made the following selection: Ada, Alice, Anna, Aileen, Almira, Blanche, Beatrice, Caroline, Cora, Dora, Dorothea, Eloise, Edith, Elizabeth Cleo, Frances, Florence, Grace, Gladys, Gertrude, Helen, Henrietta, Hallie, Irene, Inez, Katherine, Lillian, Mildren, Myrtle, Maude, Muriel, Margaret, Rebecca, Ruth, Mary, Elinor, Isabel, Emma Louise, Irma, Winifred, Pauline, Isabella, Gwendolin, Thyra, Artine.

And now when the Bucklin mother has named her baby will she please let us know what name she has chosen?

Pasting on the Patches.

[Prize Letter.]

One day when I just hadn't time to think of any extra work, behold the man of the house came walking in with the curtain from the binder, with which the rats had been enjoying themselves! There was a big, big hole that must be patched at once. As he unloaded his burden on the porch an idea popped into my head. I lit my gasoline iron and made a lot of paste. I cut up the old grain sack that had been left to patch it with, then I pasted the edges of the canvas curtain and then the patch, and got busy with my iron. And lo, there was the patch on smooth and seemingly solid. But would it last? "Well, never mind," I thought, "if it doesn't I'll hear about it at dinner time, and by that time my washing will be out on the line." After harvest I thought about it and asked how my patch stayed on and they answered "Splendid." So later when they brought me a lot of gunny sacks with the same request, instead of getting my needle I lit my iron. Mrs. Dora Clark. Linn, Kan.

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Send us your name and address with a 2-cent stamp to cover mailing expenses and we will send you free a beautifully colored and embossed two page 1913 calendar and 6 lovely sample post cards. Address: E. C. McCREGOR, 501 Plymouth Bldg., CHICAGO, ILL., DEPT. 39.

Because it saves time and fuel, all conservative women use this self-heating iron.

It is the only pocket-size self-heating iron; the only one small enough for ladies to carry with them when traveling; the only iron that can be used as a curling iron heater. It is a handy little toilet article and fills a number of special uses not obtainable in any of the full-sized self-heaters. \$1.00 prepaid. "Return if not satisfactory." W. J. RILEY & COMPANY, OSPEYVILLE, KAN.

WOULD YOU

Show this wholly visible Typewriter to your friends and let them see wherein it excels any \$100 Typewriter made. If we would send one to you Free of One Cent of Cost for you to keep forever as your own? Then on a postal card, or in a letter to us, simply say: Mail particulars.

EMERSON TYPEWRITER CO., Box 136 Woodstock, Illinois.

FREE WATCH RING AND CHAIN

We positively give free a beautiful, gold-finished, engraved American made, stem-wind, stem set watch, proper size, guaranteed five years. Also a beautiful ring set with three diamond cut brilliants for selling 20 jewelry articles at 10c each. Order jewelry today. When sold send \$2 we will send watch, ring, chain.

ARMER WATCH CO., Dept. 28 Chicago

Watch, Ring FREE AND CHAIN

We give an American made, stem-wind and stem set watch FULLY GUARANTEED, and this beautiful Band Ring, or any other premium you want, for selling 20 of our NEW MOTTO PICTURES at 10c each. Best you ever saw. Order today, when sold send us the \$2.00 and we will send you the WATCH and RING FREE.

H. E. RECKER & CO. 508 S. Dearborn St. Dept. 284 CHICAGO

CONCRETE FENCE POSTS.

Do not ROT. Eternal, Pretty fence. You make them 7 ft., 16c each. Concrete Supply Co., 531 St. Louis, Mo.

LEGAL.

HOUSE CONCURRENT RESOLUTION No. 3. Granting equal rights and privileges to women.

Be it resolved by the Legislature of the State of Kansas, two-thirds of the members elected to each House thereof concurring therein:

That the following proposition to amend the constitution of the state of Kansas be hereby submitted to the qualified electors of the state for their approval or rejection, namely:

Section 1. The rights of citizens of the state of Kansas to vote and hold office shall not be denied or abridged on account of sex.

Sec. 2. This proposition shall be submitted to the electors of this state at the election for representatives to the Legislature in the year 1912. The amendment hereby proposed shall be known on the official ballot by the following title: "Amendment to the constitution granting equal rights and privileges to women," and the vote for or against such amendment shall be taken as provided by law.

Sec. 3. This amendment, if adopted, shall be known as section 8 of article 5 of the constitution of the state of Kansas.

Sec. 4. This resolution shall take effect and be in force from and after its publication in the statute book.

Passed the House February 7, 1911.
Passed the Senate February 8, 1911.
Approved February 9, 1911.

I hereby certify that the foregoing is a true and correct copy of original House Concurrent Resolution No. 3, now on file in my office.

CHAS. H. SESSIONS,
Secretary of State.

HOME DRESSMAKING

These patterns may be had at 10 cents each from Farmers' Mail and Breeze.



- 5985—Ladies' Four-Gore Skirt, 5 sizes, 22 to 30 inches waist measure.
- 5987—Ladies' Dress, with four-gore skirt, 6 sizes, 32 to 42 inches bust measure.
- 5984—Girls' Dress, sizes 6, 8, 10, 12 years.
- 4071—Ladies' Shirtwaist, 9 sizes, 32 to 48 bust.
- 2985—Ladies' Dressing Sack, 8 sizes, 32 to 46 bust.
- 4480—Boys' Russian Dress, 2 sizes, 1 and 2 yrs.
- 5973—Ladies' Kimono, 7 sizes, 32 to 44 bust.
- 5210—Outfit for the Baby Doll, consisting of dress, slip, petticoat, and one-piece cap, 5 sizes, for dolls 14 to 22 inches long.
- 5988—Child's Dress, sizes 2, 4, 6, 8 yrs.
- 5764—Ladies' Tailored Shirtwaist, with plain or gathered sleeves, 6 sizes, 32 to 42 bust.

USE THIS COUPON FOR PATTERN ORDERS.

Farmers' Mail and Breeze, Pattern Department, Topeka, Kan.

Dear Sir—Enclosed find cents, for which send me the following patterns:

Pattern No. Size

Pattern No. Size

Pattern No. Size

Name

Postoffice

State

R. F. D. or St. No.

BE SURE TO GIVE NUMBER AND SIZE.

No Bugs in the Seeds.

[Prize Letter.]

So many people have trouble keeping the bugs from their garden seeds, beans and peas especially, that I will give my plan, as I have been helped in so many ways by recipes found in the Home Department: Put your seed into any kind of self sealing jars and seal up tight, and it will keep free from bugs, as the eggs that are in the seeds cannot grow without air. If your seeds have bugs in them before you put them in the jar, just put a few drops of turpentine into

the jar with them, or a handful of tobacco crumbs will do; and it will destroy them. Mrs. Ollie Harding, R. 3, Cumberland, Ind.

Where the Girls Are Safe

BY MRS. EDITH M. CRUISE.

For years the smaller towns of Kansas and Missouri have been sending hundreds of young girls to Kansas City to earn a living. The rural districts have been doing the same. Girls should stay at home unless necessity compels them to come, for too many have come already. And of these, too many have come very poorly equipped for earning a living. Perhaps they have attended a business college for a few months and have been told that they were well prepared to hold a good position in the city. The president of such a school in Minnesota is now serving a term in their state penitentiary for engaging a position for a girl which he knew she was incompetent to fill. She was allowed to work only an hour and then she was dismissed. The miserable man was in league with the procurers from whom the girl miraculously escaped. Possibly such things are going on in Kansas City. We are getting evidence against a physician and against a tailor for advertising for girls to nurse and to sew when in reality they have no honorable employment for them.

These facts show some of the dangers awaiting country girls. A daily paper recently advertised rooms for rent and two young ladies, city officials, not admiring the location, went there one evening to inquire for rooms. They found to their own satisfaction that the place was a disreputable house. Later, the police raided the place and the woman was fined in police court. This will not prevent her from changing her location and her name and resuming her evil calling. A younger and less shrewd girl might have engaged rooms there and met her ruin.

Hundreds of girls go to cheap places to do light housekeeping. The landlady rents all her rooms. The girls entertain callers on the street or in their own rooms, and it is surprising that so many come out unscathed. As long as we permit this we must not wonder at the number of young girls with painted faces and gaudy attire who are on our streets at night.

There are four good homes for girls in Kansas City. The Girls' Home association, 612 West Eleventh street, is the oldest. There is room there for 30 young women, the price ranging from \$3.50 to \$3.75 per week.

The Young Women's Christian Association Boarding Home was the second founded. It can care for 85 girls. Its roof garden is an attractive feature in the summer time. Its prices are from \$3.25 to \$4.50. This is on Troost avenue and Eleventh street.

The Girls' Hotel was next founded. It looks after the very poorly paid girls—does not take any girl who earns more than \$7.00 per week and accepts half a girl's wages in payment for room and board. Its wide porches and beautiful shaded lawn are attractive features. This is located at Eighteenth and Jefferson streets.

The latest comer is the Co-operative Club. Here the girls are expected to pay enough to meet expenses of the house. So far they have been \$3.50 per week. When larger quarters are secured, the sum will be smaller. Broad porches and a good view make this place attractive.

The Catholic ladies are organizing a home. Those interested should write Mrs. Henry Ohaus, 505 Lillis Building.

All these homes have parlors where guests are entertained. All make a specialty of giving the girls a good time—music, picnics and parties. All have good matrons or house mothers, and a kind spirit is cultivated in all.

All girls coming to the city are recommended to go to one of these homes and to stay there until board in a good private family can be found if that is preferred. A systematic canvas for good homes is about to be made. There will be places of all prices, there will be people of all religious faiths on the lists.

Good board in a private family must always cost a little more, and generally there are no laundry privileges, and there is car fare. The four homes spoken of are all within walking distance of the business sections of the city.

Trial trip until January 1, 1913, for 15 cents, Mail and Breeze, Topeka, Kan.

EVERY CHILD SHOULD HAVE THE
Faultless Starch Twin Dolls
 Miss Lilly White and Miss Phoebe Prim.

If you will use the best starch made both of these rag dolls, each 12 1/2 inches high and ready to cut out and stuff, will be sent to any address, postpaid, on receipt of six fronts of 10 cent Faultless Starch packages, or twelve fronts of 5 cent Faultless Starch packages, and 8 cents in stamps to cover postage and packing. Or either doll will be sent on receipt of three 10 cent fronts or six 5 cent fronts and 4 cents in stamps. Cut out this ad. It will be accepted in place of one 10 cent front, or two 5 cent fronts. Only one ad will be accepted with each application.

FAULTLESS STARCH CO., Kansas City, Mo.
 1927 West Eighth Street.

98 cents

5 Year Guarantee

To advertise our business, make new friends and introduce our great watches of Elgin watches we will send this elegant watch to any address by mail postpaid for only 98 cents. Regular gentlemen's size, open face, full engraved, high grade gold plate finish, Arabic or Roman dial, lever escapement, stem-wind and stem-set, a marvelously correct timekeeper and fully guaranteed for 5 years. Send this advertisement to us with your name and address and 98 cents and watch will be sent by return mail postpaid. Satisfaction guaranteed or money refunded. Remember, 98 cents is positively all you have to pay for this wonderful watch. Send 98 cents today. Address **R. E. CHALMERS & CO. 688 So. Dearborn St. CHICAGO**

FREE Literature will be sent to anyone interested in the wonderful Sacramento Valley—the richest valley in the world. Unlimited opportunities. Thousands of acres available at right prices. The place for the man wanting a home in the finest climate on earth. Write to a public organization that gives reliable information. Sacramento Valley Development Assn., Sacramento, California

WATCH, RING FREE AND CHAIN
 We give LADIES' GENTS' and BOYS' watches, rings and case watches to anyone, for mailing our art post cards 25¢ a packet. Order 25 packets now, we will send you FREE a stem-wind, 6-yr. guaranteed watch, highly engraved, proper case also silver ring and handsome chain. **PALACE MFG. CO., Dept. 74, CHICAGO**

LADIES! This Handsome 31-Piece Dinner Set FREE!

Freight Charges Won't Cost You One Cent If You Accept My Offer At Once!

I mean exactly what I say—I will give this magnificent, richly decorated Dinner Set, Absolutely Free to any woman or girl who will take orders for only Sixteen of my big 115 Needle Cases, giving a beautiful 12x15 Art Picture free to each customer. Freight Charges Won't Cost You One Cent—the set is free to you in every sense of the word, if you accept my offer at once and distribute Needle Cases and Pictures according to instructions. There are 31 full size pieces in this Dinner Set; each piece is handsomely decorated with clusters of beautiful Purple Wood Violets, surrounded by wreaths of Rich Green Foliage and bordered with lovely tracings of Pure Gold. But please don't think that the above illustration gives you any idea of the real beauty of these dishes. Send for My Free Offer Today and I will then mail you Needle Cases, Pictures and a Large Picture of the entire Set, illustrating Each Piece in all its magnificent colors of Blue, Green and White so that you may judge for yourself if I am not offering you the handsomest and daintiest set of dinner dishes you ever saw in your life.

SEND NO MONEY! Just sign and mail me the coupon printed below and I will send you Needle Cases and Pictures, Free and Postpaid, together with a large illustration in Colors, showing you just how the Set will look when you take it out of the box in your own home. Then simply dispose of the Needle Cases and Pictures among your friends on my big 25 Cent Combination Offer, send me the \$4.00 collected and the Set is then yours, and I will ship it to you, by freight, Fully Guaranteed Against Breakage. Just your name and address on the coupon is all that I want. Sign and return it to me at once.

Manager Dish Club, Dept. 21, Topeka, Kan.

Sign and Mail Me This Coupon Today

MANAGER, DISH CLUB, DEPT. 21, TOPEKA, KANSAS.

Dear Sir:—Please send me large illustration, in Colors, of the beautiful 31-Piece Violet Decorated Dinner Set offered above, also assortment of your big 115 Needle Cases and 12x15 Art Pictures, Free and Postpaid, by return mail. I will do my best to distribute Needle Cases and Pictures among my friends on your new 25-cent Combination Offer and when I send you the \$4.00 collected you are to send me the Dinner Set, Absolutely Free, to pay me for my work. It is Distinctly Understood that Freight Charges on My Set Will Not Cost Me a Single Cent, Providing I Dispose of Needle Cases and Pictures According to Your Instructions.

My Name

Full Address

FARMERS CLASSIFIED PAGE.

Advertisements will be inserted in this department at the low price of 5 cents per word each insertion for one, two, or three insertions. Four or more insertions only 4 cents per word each insertion. Cash must invariably accompany the order. Remit by postoffice money order. No order taken for less than \$1. This does not mean that a single insertion of your ad must cost \$1, but that your total order must reach \$1. All advertisements set in uniform style. No display type or illustration admitted under this heading. Each number and initial letter counts as one word. Guaranteed circulation over 104,000 copies weekly. Everybody reads these little ads. Try a "Farmers Classified" ad for results.

HORSES, CATTLE, HOGS, SHEEP.

MUST SELL registered Shorthorns. James Hollister, Quincy, Kan.

FINE young pedigreed Jersey bull for sale or trade. Ed. Deeds, Lyons, Kan.

SHEPHERD ponies, write for prices. Charles Clemmons, Coffeyville, Kan.

FOR SALE—44 head two year old Mules. Cheap. L. Mack, Doxey, Oklahoma.

A DOUBLE standard Polled Durham bull for sale. Age three. E. I. Vawter, Beverly, Kan.

TAMWORTH boars, all ages. Prices reasonable. W. J. White, R. F. D. No. 1, Butler, Mo.

REGISTERED Tamworth hogs for sale, either sex, various ages. Frank Franklin, Vinita, Okla.

SHROPSHIRE rams and ewes for sale. All registered. Prices reasonable. J. M. Sletlar, Moran, Kan.

DUROC-JERSEYS—Spring boars of the best strain. Some O. L. C. boars. Price right. E. Dague, Wilson, Kan.

PUBLIC SALE—Friday, November 1st, 69 head dairy cattle with good butter records. Torrens & Hammel, Topeka, Kan.

FOR SALE. Eight Jersey bull calves. Some from high producing dams, ready for use. Chester Thomas, Waterville, Kansas.

GUERNSEYS for sale. Cow 4 years old, 2 yearling bulls and 2 male youngsters 3 to 9 mo., all registered, the very best blood. Dams with official records ranging in equivalent of four to six hundred lbs. of butter in twelve months. R. C. Krueger, Burlington, Kan.

FOR SALE—Shropshire and Cotswold bred ewes, all registered and nearly all from imported stock. Am offering my 2-yr.-old Cotswold flock ram, price crated f. o. b. \$20.00. Also Shropshire ram and ram lambs. Will pay return transportation charges and refund money on anything unsatisfactory. E. A. Bushby, Rydal, Republic Co., Kan.

I NOW OFFER one or two carloads of high grade and full blooded Shropshire ewes, bred to full blooded and registered Shrop. bucks, to lamb in March, which bring you the early lambs that sell at 8 and 10 cents per lb. These ewes range from yearlings to 5 years, thrifty, and weigh from 90 to 150, and priced at \$7.00 and \$8.00 per head, the kind that usually sell from \$10.00 to \$12.00 per head. Do not write, but come see them at once, as seeing will be buying. Ewes can be seen at my farm one and one-half miles west of Washington, Kansas. L. Reep.

SEEDS AND NURSERIES.

FOR \$1 I will send you eight apple, pear, cherry, peach or plum, 2-yr. grafted trees, 20 gooseberry, currant, grape or rhubarb, or 25 blackberry or 100 asparagus plants. Catalogue free. Manhattan Nursery, Manhattan, Kan.

WE OFFER Red River Ohio, Onions and Sweet potatoes, 75c per bu. Cabbage \$1.25 cwt. We pay 10c for turkeys, 14c for broilers, 10c for hens and spring chickens delivered. Eggs 23c per doz. Write today. Cope's Sales System, Topeka, Kan.

WANTED—Choice seed of Melilotus or Sweet Clover, Pencilaria or Pearl Millet and Teosinte, in lots ranging from 200 lbs. to one ton. Also Squaw corn, Hickory King, genuine Bloody Butcher, and Calico or Strawberry Corn in the ear, carlots. Box 207, Sherman, Texas.

FOR SALE.

VERY undermounted plow engine and plows for sale. A. Stitt, Overbrook, Kan.

10,000 FERRETS for sale. Write for price list and catalog, it's free. DeKleine Bros., Jamestown, Mich., Box 56.

THREE GREAT PIANOS—Steinway, Steck, Vose. Write for prices. Jenkins Music Co., Kansas City, Mo.

FOR SALE—One share preferred Machinery discount stock in Independent Harvester Co., J. E. Lester, Hazelton, Kan.

GENUINE Para Rubber fountain pen sent to any address, fifty cents, postpaid. Universal Company, Pittsburgh, Penna.

FOR SALE—200 thoroughbred pigeons; Homers and Carneaux; big bargains. Miss Grace Acers' Iola Pigeonry, Iola, Kansas.

FOR SALE—Duroc J. hogs. 2 Scotch colts, bitches, Buff Orpington cockerels, Bronze turkey toms. G. E. Thamer, Sylvan Grove, Kan.

FOR SALE.

NEW extracted honey 60 pounds \$5.25, 120 pounds \$10.00. Broken comb, 58 pounds \$6.25, 116 \$12.00. Bert W. Hopper, Rocky Ford, Colo.

SHEET MUSIC. Something new. "Always Think of Mother." Best song ever written. Will be sung in 3 million homes. Try a copy. Only 25c. W. H. Kessler, Leoti, Kan.

FOR SALE, eight room house, gas, electricity, city, and cistern water, large lot, fruit, pavement, fine neighbors, one block from best high school in state. \$2,200. Etta L. Willett, Iola, Kan.

LOUISIANA PURE SUGAR CANE SYRUP. Put up at the mill without any glucose or any Sulphur Dioxide. 6 one gallon pails at \$4.00. 27 gallons 1/2 barrel \$13.00. 54 gallons, whole barrels at \$25.00. Above is freight paid to your railroad station. We pay the freight. Mary & Tuma, Washington, La.

FOR SALE OR EXCHANGE.

GOOD automobile to exchange for stock. Chas. Newby, Alden, Kan.

WE TRADE FOR ANYTHING. Realty & Merchandise Exchange, Newton, Kan.

FOR TRADE for central Kansas land, harness stock, 2 Jacks, half cash. Drenning Brothers, Salina, Kansas.

FOR SALE OR TRADE—320 acre improved wheat belt farm, north of Dodge City. F. P. Cone, Chanute, Kan.

GOOD feed mill and residence in good eastern Kansas town to exchange for farm. Price \$8,000, clear. E. V. Gill, Chillicothe, Mo.

SALE—EXCHANGE. Farms, ranches, merchandise, properties, anywhere. Description first letter. J. S. McBrayer, McCook, Neb.

BUSINESS OPPORTUNITIES.

DO YOU want cash for your real estate, business, patent? Buyers and sellers brought together no matter where located. P. Roberts, Div. 1, Houston, Tex.

LANDS.

HOMESTEADS—Special information. Riverside Kolona, Harrison, Ark.

IMPROVED 40, 1/2 ml. Chapman and county high school. Wm. Woodson, Chapman, Kan.

WILL BUY 10 quarters western land at \$500 cash per quarter if level. Layton Bros., Osborne, Kan.

COME where crops never fail, few extra snaps, \$20.00 up. German Realty Co., Weatherford, Okla.

TIMBER tracts, ranches, farms, anywhere, bought, sold, exchanged. Charles Phildius, 388 Pleasant Ave., New York.

ATTENTION STOCKMEN—Get my bargain price for 1/2 sec. creek stock ranch. Harding, Box 447, Clyde, Kan.

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

DOUGLASS CO. Kansas land. 80 acres highly improved, first class, 4 miles Eudora, Kansas. Address Ben Anderson, Knox City, Mo.

FOR SALE. Hamilton county 1/4. All level. No imp. No incumbrance. Perfect title. Price \$750. Address Frank Stroud, Taswell, Indiana.

108 ACRES. 500 bearing apple trees. 3 room house, barn, cistern. \$65 per acre. 5 miles south of McLouth, Jefferson Co., Kansas. John Gardner, owner.

FARMS: Lyon county, Kansas, is best county in state for corn, wheat, alfalfa, improved farms and stock ranches. For particulars write Shawgo Realty, Emporia, Kansas.

FOR SALE—Farm 117 acres just outside of corporation of town of 2000 population. 35 acres in cultivation, balance in pasture. A fine opening for a dairy as there is none here. F. R. Foster, Nocona, Texas.

320 ACRE stock and grain farm, two miles from town. Seven room house, barn 40x60 with basement, two double corn cribs, stock scales, sheep barn, fine young orchard. Fifty miles to Kansas City, \$75 per acre. Gill & Ryan, Chillicothe, Mo.

LANDS.

80 ACRES ALFALFA, \$4,800—Hamilton Co., Kan.; rich Arkansas river bottom land, about 1 mile from Kendall (main line Santa Fe Ry.); good fence; no buildings, \$1,000 cash, balance easy terms at 6 per cent. James L. Lombard, Owner, Kansas City, Mo.

LIFETIME OPPORTUNITY! 17,000 acres, near Duluth's new steel plant. Three railroads through it, electric railway projected. Offered by owner to actual homeseekers. Tracts and terms to suit. Low prices. Splendid soil, producing great crops. Near one of America's greatest markets. Write for plans and full particulars. Wm. McBean, Duluth, Minn.

RARE BARGAINS in partly improved stock and hay ranches, well watered, fenced, good buildings, near railroads and good towns. Soil rich loam that grows large crops, timothy, clover, alfalfa, all small grains, etc. Any size wanted. Prices \$5.00 per acre up, easy terms. Large colonization tracts \$1.25 per acre up. Investigate. Tipton & Co., Hope, Idaho.

OREGON and Southern Washington. Write before investing or coming West, so you can learn the facts about the Oregon country, its attractive climate and its agricultural and other opportunities. Official information gathered and vouched for by over 150 commercial organizations and by Oregon State Immigration Commissioner will be sent free on request; all inquiries answered in painstaking detail. For full information write to Room 837, Portland Commercial Club, Portland, Ore.

FARMS FOR SALE.

FOR SALE—Improved farm close to this city. Easy terms. J. H. King, Cawker City, Kan.

ADVERTISE YOUR PROPERTY in Kansas Weekly Capital for quick and sure results. 100,000 circulation guaranteed—among best farmers in Kansas. Advertising rate only 25c per line of seven words. Address Kansas Weekly Capital, Adv. Dept., Topeka, Kan.

FARM WANTED.

WILL BUY good farm. Well situated. Owners only. Give description and price. Addr. Coens, Box 754, Chicago.

DOGS.

TRAINED coon hounds and one setter for sale. Tom Rice, Garnett, Kan.

THOROUGHBRED Scotch Collie pups for sale. W. H. Smeed, Zurich, Kan.

FOX TERRIER and collie pups \$4 and \$7. Grown dogs cheap. W. L. King, Pratt, Kan.

HOUNDS that catch the game, Send 2 ct. stamp for prices. Rash Bros., Centerville, Kan.

COLLIE DOGS, Puppies, Sable, Choice \$5.00. Bred female \$15.00. Guaranteed. F. H. Barrington, Sedan, Kan.

FOR SALE—Eight wolf hound pups, four males and four females, sired by a registered Irish Wolf Hound that stands 34 inches high, the dam is a grade Russian Wolf Hound. Pups are about half grown, in splendid condition, ready for delivery. Price \$10.00 for females, \$15.00 for males crated f. o. b. Hutchinson. Address Fred A. Forsha, Hutchinson, Kan.

PATENTS.

PATENTS SECURED. Your invention may be small but valuable if patented. Cook & Cook, Victor Bldg., Washington, D. C.

SEND FOR FREE BOOKLET, All About Patents and Their Cost. Shepherd & Campbell, Patent Attorneys, 500 C Victor Bldg., Washington, D. C.

AGENTS WANTED.

WANTED—Men in every town in Mo., Kan., Ill., Neb., Okla., Ark., to take orders for nursery stock. Outfit free. Cash weekly. National Nurseries, Lawrence, Kansas.

CAN USE a few old experienced salesmen for Oklahoma and Kansas to act as special representatives in good territory. Write Circulation Manager, Farmers Mail and Breeze, Topeka, Kan.

WE WANT male or female agents in each county for the very best calves made today for colds, catarrh, pneumonia. Splendid proposition for agents. Write The Trimbleine Co., Seymour, Missouri.

MALE HELP WANTED.

MEN AND WOMEN wanted for government jobs. \$90.00 month. Write for list of positions open. Franklin Institute, Dept. G 55, Rochester, N. Y.

WANTED—Railway Mail, Customs, Internal Revenue, and Postal Clerks. Examinations soon. Prepare now. Trial Lesson Free. Write Oxnent, 88 St. Louis.

SALESMEN wanted in Kansas, Oklahoma, Missouri and Arkansas. Work full or part time, as you prefer. Pay weekly. Outfit free. The Lawrence Nurseries, Lawrence, Kan.

\$50.00 TO \$100.00 A MONTH For Spare Time—Experience not needed. Want active man each locality. Introduce us to friends. Benefits for sickness, injury, death. Write for Cash-Bonus offer. The I-L-U 755, Covington, Ky.

500 MEN 20 to 40 years old wanted at once for electric railway motormen and conductors; \$60 to \$100 a month; no experience necessary; fine opportunity; no strike; write immediately for application blank. Address F. care of Mail and Breeze.

FREE ILLUSTRATED BOOK tells about over 350,000 protected positions in U. S. service. More than 46,000 vacancies every year. There is a big chance here for you, sure and generous pay, lifetime employment. Easy to get. Just ask for booklet A 68. No obligation. Earl Hopkins, Washington, D. C.

MEN AND WOMEN wanted for government positions. \$90.00 month. Annual vacations. Short hours. No layoffs. Common education sufficient. Over 15,000 appointments coming. Influence unnecessary. Farmers eligible. Send postal immediately for free list of positions open. Franklin Institute, Dept. G 55, Rochester, N. Y.

YOUR opportunity to learn salesmanship quickly. We want ten more good men to act as special representatives in the best territory in Oklahoma and Kansas. Will pay extraordinarily liberal commissions to start. Send one bank reference with application. Address: Circulation Manager, Farmers Mail and Breeze, Topeka, Kan.

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

FEMALE HELP WANTED.

GOVERNMENT WANTS HELP. Write for list of positions open. Franklin Institute, Dept. G 55, Rochester, N. Y.

WANTED.

E. R. BOYNTON HAY CO., Kansas City, Mo. Receivers and shippers. Try us.

HAY. Want to purchase several loads of alfalfa hay. Write me your prices. Emery Harrum, Dunbar, Neb.

MISCELLANEOUS.

MISSOURI AUCTION SCHOOL, largest in world. Own largest living mule. 1404 Grand, Kansas City.

HARNESSES—Our harness is correctly made and prices right. Write for catalogue. Ed Klein, Lawrence, Kan.

MONEY lovers listen. Make big money quickly, either sex. Send 10c for particulars. Kern Supply Co., E. Millstadt, Ill.

MOTHER AND SON are looking for work on Farm or in Town, where they can work together. M., Care Mail and Breeze.

\$1.00 A WEEK will start you in a big money-making mail order business—with the best line—in spare time. Particulars free. Nadico, 1858 Belmont Ave., Chicago.

1913 KODAK CALENDARS now ready. Send 10c for postage and your favorite Kodak film, we will send print and calendar free. Wolcott's Photo Supply, Topeka, Kan.

BIG WESTERN WEEKLY 6 MONTHS 10c—Biggest and best general weekly published in the west. Interesting and instructive departments for young and old. Tells about opportunities in the west for ambitious men. Special offer, 6 months' trial subscription—26 big issues—10c. Address Weekly Capital, Department W. A. 12, Topeka, Kansas.

Editorial News Notes

Lane & Kent, Burlington, Kan., one of the oldest real estate firms in the state, who have been regular advertisers in the Capper Publications for several years, have just renewed their contract. This is an old and reliable firm. It was established in 1893. It will pay any of our readers who are looking for a good home and a money-making investment to look up this firm's ad in our Kansas land department, and write for their new list of Coffey county farms, mentioning Farmers Mail and Breeze.

Why Some Farmers Fail.

More than one-half the farmers who fail to make their farms pay, fail because they do not make a business of their farming, says the Kansas Industrialist. Running a farm is just as much a business as running a store, a bank, or a corporation. A man

buys and farms a piece of land to make a living. Why should he not employ the same business methods as the grain merchant or shipper or miller who handles the same products? Most farmers count their own labor and that of their families as nothing when they figure up how much money they have made from their farms. Many a farmer thinks he is making a profit from his farm when in fact he is losing money. The business college gives boys the business training which enables them to manage their farms in a business like way and to know when they are making their business pay. They keep a record of what they buy, what they spend, what labor costs them, including their own, and at the end of the year or month they are able to show what they have done. The college-trained man does not make mistakes, because he knows where he is, all the time. The mistakes of the average farmer are made unknowingly. They are the result of working blindly.

A Good Cream Separator Is a Big Paying Investment.

A good cream separator is one of the best paying investments on any farm where three or more cows are kept. If you have been skimming your milk from pans, cans or crucks, or have been using the so called "water separators" you will be surprised to find how much more fine, smooth, rich cream you can get by using a hand separator. In the cold winter months while the milk yield is smaller the butter fat is the more valuable and harder to separate from the skim milk than it is in the summer. For these reasons, you really need a separator as much if not more, in winter than in summer and between this time and next spring the extra cream you get will go a long way toward paying for the best separator you can buy. Then think of having the fresh warm skim milk to feed the growing pigs, calves and chickens. When mixed with a handful of oil meal to take the place

of the butter fat which has been removed, warm skim milk from the separator makes an ideal winter feed. The women will appreciate the separator when the cold days come. The skimming can be done so much easier and the separator washed in less than half the time it takes to gather the cream in the old way. Of course, there is a big difference in separators. Some skim closer, wash easier, run easier and last longer than others. The Sharples Tubular Separator is without a doubt one of the simplest of all separators as it has no loose parts inside the bowl which makes it very easy to clean. It is also light running, quiet in operation and convenient in height. The Sharples Separator Co. are the world's largest and America's oldest manufacturers of cream separators. Their machines are in daily use and giving splendid satisfaction to owners all over the world. We suggest that you write them at once for their latest catalog 156. Mailed to you free and postpaid. See ad on page 15.

MARKET PROBABILITIES

[Written Specially for the Farmers Mail and Breeze.]

Another big supply of cattle arrived at Western markets the first of the week but the quality was unusually plain, indicating that the range clean-up is in progress. Prices were generally 10 cents lower than last week's close, except for good fed grades which were steady.

The trading in cattle last week developed no new feature, except a heavy run from the Northwest and Canadian points made the Chicago supply for the week the largest of the season, and depressed prices there, while river markets made slight net gains. The big Chicago run is considered more in the light of a shipping spasm and not to be considered as evidence that cattle are more plentiful. The Northwest is entering on the winter season and cattle held longer than next week will have to be fed. The Central West can hold cattle well into November and the Southwest can hold their herds in the open until nearly Christmas. Last year feeding was in full blast at this time and continued without interruption up to the first of May. Some grass fat steers picked up in August and short fed since then are being returned to market now, and for the most part they are bringing \$9 to \$10. Killers are anxious now to get the grass fat cattle, as the supply will be gone in a short time, and the future supply will depend on the short fed cattle. Not much change is expected in prices of grass fat steers before the season ends, but as the season advances short fed cattle will sell lower. Prime beefs will continue scarce. At no time this year will receipts be heavy and it now looks as though total receipts of cattle at the five western markets for the year 1912 will be 1/2 million head short of 1911, to say nothing of the big shortage from under weight. The cattle supply is the shortest in years, cannot be increased as rapidly as either hogs or sheep, and while prices for fat cattle may go some lower in the next six weeks, the low prices of last year will not be touched. The large amount of feed available should make weight this winter far larger than last year. Feeding below the quarantine line will be more general than ever before, and that section will contribute more good beef than ever before.

Gathering in the Cow Stuff.

The cow trade still continues as the phenomenal part of the market. Packers are buying all they can get, and the strange part of the market seems to be that demand is the least discriminating when supplies are the largest. Killers do not try to hide their need of that class and the present market with its urgent demand indicates higher prices later. Grass fat cows will be scarcer from now on, as the big range movement is over, and native cows have been shipped closely. Heifers are as scarce as cows and comparatively few heifers have gone out for feeding purposes. It is the prediction of the trade that heifers will sell nearer steer prices than ever before, and spring markets may place them at a premium over steers. Veal calves declined 50 to 75 cents at river markets and \$1 to \$1.50 in Chicago. Bulls continue in active demand.

Final Stocker and Feeder Shipments.

The movement of thin cattle continues liberal and prices are stronger. The next two weeks will wind up the big movement and countrymen who have delayed buying are having trouble to get all they want. Some of the big feeders are going to hold back until the short fed cattle begin to come, and then buy half fat steers for full feeding. Kansas, Nebraska and Oklahoma are taking a good many light weight steers. Stock calves were quoted down 25 to 50 cents.

Advance and Setback in Hogs.

An increase in receipts of hogs at Western markets turned prices down 10 to 15 cents on Monday. The top price in Chicago was \$9.20, in St. Louis \$9.15, in St. Joseph \$8.80, in Kansas City \$8.75, and in Omaha \$8.70.

Early last week prices for hogs were the highest of the season, \$9 and better being paid at all the markets. Packers, however, unwilling that cost should be that high, turned prices down on Wednesday and closing prices were 10 to 15 cents under the preceding week. Heavy hogs now are commanding a premium over other weights and the light weights, which were in

such strong favor up to three weeks ago, are the lowest on the list. As the winter's packing season approaches packers are more anxious for the strong weight hogs and at the same time light hogs are not so plentiful. A good many sick pigs are still being received, and Iowa and Illinois report a big amount of cholera. With practically the entire hog producing section of the United States subjected to this scourge for the past two years, it is very likely that the receipts in 1912 will be short of the year 1911. Prices now are about as high as they will be this winter. The recent advance attracted increased shipments last week, and if prices continue good a good many hogs will be marketed in November and December that should have been held another month to two months.

The following table shows receipts of cattle, hogs and sheep at each of the five western markets Monday, October 21:

	Cattle	Hogs	Sheep
Kansas City	30,000	8,000	30,000
Chicago	26,000	35,000	60,000
Omaha	12,000	3,500	44,000
St. Louis	11,500	9,500	8,500
St. Joseph	3,000	3,700	4,500
Total	82,500	59,700	147,000
A week ago	83,500	51,300	91,600
A year ago	93,600	59,600	167,000

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

	Cattle	Hogs	Sheep
Per 100 lbs.	1912 1911	1912 1911	1912 1911
Chicago	\$10.80 \$7.80	\$9.15 \$9.05	\$5.85 \$4.80
Kan. City	10.80 7.75	8.80 9.10	5.50 4.25

Steady Rise in Sheep.

A big run of sheep, the second largest Monday's supply this year turned prices down 10 to 15 cents on lambs and sheep were steady. The trading was active as this week will close out the range offerings. In the first three days last week lambs were advanced 65 to 75 cents a hundred pounds, and for the week rose 75 cents to \$1. Sheep prices did not rise as vigorously as lambs but they made a 40 to 50 cent gain. This advance put considerable bloom on the market. The cause of the sudden rise was a decrease of about 125,000 in receipts at the five markets. This was taken to indicate that the Northwest was about done shipping. Both killers and country feeders were anxious for supplies. The present outlook is for higher prices next month, and midwinter prices will be still higher. Fewer sheep are on feed now than a year ago, and at the same time farmers are in better shape to handle them for finish. The scarcity of other meat ought to broaden demand for mutton. Both wool and pelts are selling well.

The Movement in Livestock.

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

	Cattle	Hogs	Sheep
Kansas City	73,750	43,725	61,950
Chicago	64,300	120,000	142,000
Omaha	36,600	25,400	94,000
St. Louis	38,200	42,700	21,800
St. Joseph	11,400	25,900	22,000
Total	224,250	257,725	341,750
Preceding week	206,850	225,800	469,600
Year ago	224,925	304,225	513,125

The Horse and Mule Market.

Supplies of horses and mules in the past week have been fairly large, but instead of the trading being dull on that account, a large inquiry was developed. The South and West are buying freely of the lighter classes and the North is taking loggers. The East is still short on their orders for good heavy drafters. The scattered city trade is caring for the drafters. Some heavy mules were sent to Old Mexico, and according to the eastern reports a good many farmers in eastern states are going to feed horses instead of cattle this winter.

Livestock in Kansas City.

The following table shows the range in price of hogs in Kansas City on days named for the past two weeks:

	This week	Preceding wk.
Monday	\$8.75 @ 9.05	\$8.50 @ 8.85
Tuesday	8.75 @ 9.05	8.60 @ 8.87 1/2
Wednesday	8.70 @ 9.00	8.60 @ 8.85
Thursday	8.65 @ 9.00	8.65 @ 9.00
Friday	8.60 @ 8.90	8.70 @ 9.00
Saturday	8.55 @ 8.80	8.75 @ 9.05

A decrease of 20,000 sheep turned prices up last week. Lambs advanced 75 to 85 cents and sheep 40 to 50 cents.

Small supplies are expected for the next three weeks. Lambs are quoted at \$6.75 to \$7.50, yearlings \$5 to \$5.65, muttons \$4 to \$4.75, ewes \$3.75 to \$4.25, feeding lambs \$5.25 to \$6.40 and feeding sheep \$3.25 to \$4.25.

The following table shows receipts of cattle, hogs and sheep in Kansas City thus far this year and same period in 1911:

	1912	1911	Inc.	Dec.
Cattle	1,455,513	1,679,729	.....	215,216
Calves	149,462	199,473	.....	50,011
Hogs	1,924,197	2,435,593	.....	501,396
Sheep	1,751,595	1,771,645	.....	19,950
H. & M.	89,597	70,451	.....	10,054
Cars	93,753	111,925	.....	18,172

Uneven Grain Prices; Hay Higher.

War clouds in the old world had a stimulating effect on prices for wheat last week, but the advance was not fully maintained. Receipts were fairly liberal. Millers reported a quiet trade in flour. Corn prices fluctuated unevenly, and closed with a moderate net loss. Receipts are increasing and the market will soon be on the basis of the new crop. Oat prices were about steady. Low grade hay, which was hard to sell in preceding weeks, is moving with more freedom, and the top grades are quoted firm. Receipts have been fairly large.

The following prices prevail for grain in Kansas City and St. Louis:

	Kansas City	St. Louis
Wheat—Hard No. 2	1.39 @ .91	1.32 @ .94
Soft No. 2	1.04 @ 1.06 1/2	1.10 @ 1.11 1/2
Corn—White No. 2	.61 @ .63 1/2	.64 @ .65
Mixed corn	.59 @ .61 1/2	.63 @ .64
Oats—No. 2 white	.34 1/2 @ .34 1/2	.34 @ .34 1/2
No. 2 mixed	.32 @ .33	.33 @ .33 1/2

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

	Wheat	Corn	Oats
Chicago	1912 1911	1912 1911	1912 1911
	\$1.08 \$1.17	65 1/2 76 1/2	34 1/2 43 1/2
Kan. City	1.06 1.11	66 73 1/2	34 1/2 43 1/2

Carlot Grain Receipts.

The following table shows the receipts of principal grain markets, together with the receipts for the corresponding week one year ago:

	Wheat	Corn	Oats
In Kansas City—			
This week	957	59	82
One year ago	488	176	68
In Chicago—			
This week	783	1945	1945
One year ago	351	1473	1012
In St. Louis—			
This week	533	122	369
One year ago	209	346	198

Kansas City Hay Quotations.

Prairie, choice	\$12.50 @ 13.00
Prairie, No. 1	11.90 @ 12.00
Prairie, No. 2	9.50 @ 11.00
Prairie, No. 3	7.50 @ 9.00
Timothy, choice	12.50 @ 13.00
Timothy, No. 1	11.00 @ 12.00
Timothy, No. 2	8.50 @ 11.00
Timothy, No. 3	5.50 @ 8.00
Clover mixed, choice	12.00 @ 12.50
Clover mixed, No. 1	11.00 @ 11.50
Clover mixed, No. 2	9.50 @ 10.50
Clover, choice	11.00 @ 11.50
Clover, No. 1	9.50 @ 10.50
Clover, No. 2	7.00 @ 8.00
Alfalfa, choice	16.00 @ 16.50
Alfalfa, No. 1	14.50 @ 15.50
Alfalfa, No. 2	13.00 @ 14.00
Alfalfa, No. 3	9.50 @ 12.50
Straw	5.50
Packing hay	5.50 @ 6.00

Seeds.

Kafir corn, No. 2 white, \$1.18 @ 1.20 a cwt.; No. 3 white, \$1.12 a cwt.; alfalfa \$9 @ 12 a cwt.; flaxseed \$1.30 a bushel; timothy \$1.50 @ 1.75 a bushel; cane seed 90c @ \$1.00; millet seed 95c @ \$1.15.

Broomcorn Market Weak.

Growers are accepting lower prices for the fair to good broomcorn than a week ago, but owing to the small supply choice brush is still commanding firm prices. Buyers who have been over practically the entire producing area say that the crop is large, but below the average in quality. A large per cent was damaged by inopportune rains. Choice, green selfworking corn is quoted at \$90 to \$110 a ton; fair to good selfworking \$50 to \$85 a ton; common to fair \$20 to \$45 a ton.

Cotton Market.

Galveston, Tex., Oct. 21.—COTTON—Market unchanged, 11c.

Butter, Eggs and Poultry.

Elgin, Oct. 21.—Butter this week firm at 29 cents.
Kansas City, Oct. 21.—Prices this week on produce are:
Eggs—Firsts, new white wood cases included, 24c a doz.; seconds, 17c.
Butter—Creamery, extras, 29c a lb.; firsts, 26 1/2c; seconds, 25 1/2c; packing stock, 23c.
Live Poultry—Broilers, 15 1/2c a lb.; spring chickens, 12c; hens 11 1/2c; roosters, 7 1/2c; young turkeys, No. 1, 17 1/2c; turkey hens, 15c; old toms, 13c; cull turkeys, 10c; young ducks, 12c; old ducks, 10c; geese, 5c; pigeons, 6c a dozen.

Produce Prices Now and One Year Ago.

	Butter	Eggs	Hens
	1912 1911	1912 1911	1912 1911
Chicago	29 29	24 24	12 9 1/2
Kan. City	29 28	24 24	11 1/2 9

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WHAT BREEDERS ARE DOING

FRANK HOWARD,
Manager Livestock Department.

FIELDMEN.

- A. E. Hunter, Kansas and Oklahoma, 410 East Williams street, Wichita, Kan.
- J. W. Johnson, Beloit, Kan., Kansas and Nebraska.
- C. H. Walker, Kansas, Missouri and Nebraska, 1015 Central, Kansas City, Mo.
- Geo. W. Berry, E. Kansas and southern Missouri, Capper Bldg., Topeka, Kan.
- Grant Gaines, Iowa, 334 Chamber of Commerce Bldg., Omaha, Neb.
- G. E. Hall, Nebraska, 334 Chamber of Commerce Bldg., Omaha, Neb.
- H. W. Graham, Iowa and Illinois, Chilli-otho, Mo.
- E. R. Dorsey, Girard, Kan.

PUREBRED STOCK SALES.

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

Combination Sale.

Feb. 12-13-14—L. E. Wooderson, Mgr., Caldwell, Kan.

Percheron Horses.

- Dec. 17—Lee Brothers, Harveyville, Kans. at Manhattan, Kans.
- Dec. 19—J. C. Robison, Towanda, Kan.

Poland China Hogs.

- Nov. 1—Walter Hildwein, Fairview, Kan.
- Nov. 1—J. E. Willis, Prairie View, Kan.
- Nov. 1—Dr. Jno. Gildow & Sons, Jamesport, Mo.
- Nov. 2—J. H. Hamilton & Son, Guide Rock, Neb.
- Nov. 9—A. C. Lobough, Washington, Kan.
- Nov. 9—Lomax & Starrett, Leona, Kan.
- Nov. 15—W. M. Watt & Sons, Green City, Mo.
- Nov. 16—E. C. Logan, Solomon Rapids, Kan.
- Nov. 27—F. W. Comfort, Cawker City, Kan.
- Dec. 11—H. C. Graner, Lancaster, Kan.
- Dec. 20—Miller and Manderscheid, St. John, Kan.
- Jan. 20—Roy Johnston, South Mound, Kan.
- Jan. 23—S. A. Roberts, Knoxville, Ia.
- Jan. 30—C. W. Jones, Solomon, Kan.
- Feb. 5—J. L. Griffiths, Riley, Kan.
- Feb. 6—H. Fesenmeyer, Clarinda, Ia.
- Feb. 7—Peter Ellerbroek & Sons, Sheldon, Ia.
- Feb. 15—L. E. Holmes, Bloomington, Neb.
- Feb. 15—Thos. F. Walker & Son, Alexandria, Neb.
- Feb. 18—J. H. Harter, Westmoreland, Kan.
- Feb. 21—R. W. Halford, Manning, Ia.
- Feb. 22—C. L. Branin, Hiawatha, Kan.
- Feb. 22—C. C. Ingram, Bloomington, Neb.

Duroc-Jersey Hogs.

- Oct. 30—Thompson Bros., Garrison, Kan.
- Oct. 30—W. T. Hutchison, Cleveland, Mo.
- Nov. 3—H. E. Miner, Guide Rock, Neb.
- Nov. 12—Lant Bros., Dennis, Kan.
- Nov. 13—Sam'l Drybread, Elk City, Kan.
- Nov. 14—J. F. Staadt, Ottawa, Kan.
- Nov. 14—W. W. Otey & Sons, Winfield, Kan.
- Nov. 15—F. P. Sylvester, Hennessey, Okla.
- Jan. 8—Munsell & Isenberg, Herington, Kan.
- Jan. 15—H. B. Miner, Guide Rock, Neb.
- Jan. 16—F. C. Crocker, Filley, Neb.
- Jan. 22—Thompson Bros., Garrison, Kan.
- Jan. 24—John Higgins, Abilene, Kan.
- Jan. 26—Glenn Keesecker, Washington, Kan.
- Jan. 29—W. E. Monasmith, Formoso, Kan.
- Jan. 30—Leon Carter, Asherville, Kan.
- Jan. 31—W. H. Seddon, Persla, Ia.
- Feb. 1—Geo. P. Philippi, Lebanon, Kan., at Esbon, Kan.
- Feb. 4—J. O. Hunt, Marysville, Kan.
- Feb. 5—Samuelson Bros., Cleburne, Kan.
- Feb. 6—Samuelson Bros., Blaine, Kan.
- Feb. 7—A. T. Cross, Guide Rock, Neb.
- Feb. 8—Geo. E. Garrett, Bloomington, Neb.
- Feb. 11—H. H. Shaw, Hebron, Neb.
- Feb. 20—Geo. W. Schwab, Clay Center, Neb.
- Feb. 20—Rinehart & Son, Smith Center, Kan.
- Feb. 21—W. C. Whitney, Agra, Kan.

O. I. C. Swine.

- Feb. 6—H. L. Bode, Friend, Neb.
- Feb. 7—Chas. H. Murray, Friend, Neb.

Hampshire Hogs.

- Nov. 14—D. H. De Kalb, De Kalb, Ia.

Berkshires.

- Nov. 21—Chas. E. Sutton, Lawrence, Kan.

Shorthorns.

- Nov. 12—John McCoy & Son, Sabetha, Kan.
- Nov. 13—Nevius, Holmes and Berkey Bros., Ottawa, Kan. C. S. Nevius, Chiles, Kan., Mgr.
- Nov. 15—W. M. Watt & Sons, Green City, Mo.
- Nov. 21—J. F. Stodder, Burden, Kan.
- Dec. 27—Clegg Bros., Alnsworth, Ia.

Holsteins.

- Feb. 4—Rock Brook Farm, Omaha, Neb.

Jerseys.

- Nov. 25—A. L. Churchill, Vinita, Okla.

Herefords.

- Feb. 26—Warren T. McCray, Kentland, Ind.

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Bishop Bros., Towanda, Kansas, have on hands 50 head of the best young stallions they have ever offered for sale. They have been carefully selected always looking to bone, size, quality, style and finish. They are true draft style of Percherons and every stallion is guaranteed, inspected and absolutely sound; most of these stallions are two-year-olds; some three and four years old and weigh, many of them, close to a ton. It is good business for you to get in touch with Bishop Bros., if you expect to buy one or more Percheron stallions. They don't hold for long prices. Write when you will call at their barns, mentioning Farmers Mail and Breeze.

See Robison's Percherons.

J. C. Robison, Towanda, Kansas, has just received notice of another consignment of Percherons from France. They are now in transit across the Atlantic. This makes his second shipment this fall. White Water Falls stock farm was never before in better shape to take care of its customers, if you are on the market for pure bred Percherons any age or sex, home grown or imported, now is a good time to visit Mr. Robison and look over his fine assortment of Percheron bargains. You will find here the world's Champion Casino and can buy mares bred to him or a young stallion by him. Please mention this paper.

Bergner's German Coach Horses.

If you are looking for an all-around utility horse you should get in communication with J. C. Bergner & Sons of Pratt, Kan., who are breeders of the reliable German Coach horse. Their horses are in fine condition. Mr. Bergner has put in 900 acres of wheat this fall and has done most all of the work with his purebred German Coach mares. They have six 2-year-old stallions and the big imported stallion which they are placing on the market. This is your chance to get horses that are extra good; they are right in every way, prize winners and hard to beat. Mr. Bergner will pay any horseman's or stallion buyer's railroad expenses if he finds the horses are not worth the money they ask for them. If you go to see these horses you will be sure to buy—they are just what you want.

Thompson Bros.' Annual Sale.

Thompson Brothers of Garrison, Kansas, will sell 55 head of Duroc-Jerseys at their farm near Stockdale and Garrison, Kansas, on Wednesday, October 30th. This offering includes the top from their spring crop of pigs and some summer and fall boars and gilts. The prize winning boar Cherry King, will be included in this offering. This boar was a prize winner at Topeka State Fair this year. Sires represented in the offering are Ohio Col., Golden Chief, Col. Harris and Kansas Colonel. Colonel Harris was first prize junior yearling boar at Hutchinson this year. Included in gilts will be the first and third prize senior sow pigs at Hutchinson this year. These gilts are worth going a long way to have a chance to bid on. They will make valuable brood sows. In fact the entire offering is high class and represents the blood of the most noted prize winners of the breed. If you cannot attend the sale you may send your bids to J. W. Johnson who will handle them to your interest.

Staley's Percheron and Jack Sale.

H. C. Staley, Rose Hill, Kansas, will sell at auction Tuesday, November 12th, four Percheron stallions, two Percheron mares, three mammoth jacks, one standard bred stallion and one Shetland pony stallion. Among these Percherons are such stallions as imported Rutlan. Rutlan's grand sire is the grand sire of such noted horses as Casino and Calypso. He weighs 2000 pounds and has wonderful breeding qualities. Imported Jell 52838 will be sold; he is one of the good kind, stout built with heavy bone and abundant vim, vigor and vitality, a line bred Brilliant. The two Percheron mares, one a two-year-old, the other four, are extra good. These jacks are the kind that will go any where and make money. Remember a good three-year-old bay Shetland stallion sells; also a standard bred race prospect, a 6-year-old stallion, a grandson of Council Chimes, time 2:07. Don't wait but write today for catalog giving full particulars. Address H. C. Staley, Rose Hill, Kansas. Mention this paper.

F. P. Sylvester's Duroc Sale.

F. P. Sylvester, Hennessey, Oklahoma, will sell 50 Duroc-Jerseys at his farm Friday, November 15th. The offering will consist of 12 tried sows and 11 fall yearlings all safe in pig. Then there will be 10 spring and summer gilts and 15 winter, spring and summer boars. Mr. Sylvester will also sell two herd boars including Sons of Champions. The last named boar is the son of the grand champion boar and grand champion sow of the St. Louis World's Fair. This is one of the best bred offerings that will go through a sale ring this year; all being sons and

grandsons, daughters and granddaughters of champion prize winners. Mr. Sylvester sells the fourth day in the big Southern Kansas and Oklahoma Duroc-Jersey sale circuit. This offering begins November 12th with a good circuit begins November 12th with a good circuit. The second day in the circuit, Sam Drybread of Elk City will sell 50 head of good ones. On Thursday, November 14th, W. W. Otey & Sons will sell a draft from their richly bred herd, at Winfield, Kansas, and on November 15th Mr. Sylvester will close the circuit. It will pay anyone interested in Duroc-Jerseys to follow this entire circuit. Address F. P. Sylvester, Hennessey, Oklahoma, for catalog of his offering and mention Farmers Mail and Breeze.

Kansas and Nebraska.

BY J. W. JOHNSON.

Smith & Roberts, Beatrice, Neb., are advertising in this issue, 30 young Jersey cows for sale. Also some choice young bulls. It is pretty well understood that this herd is one of the strongest herds of Jersey cattle in the country. They won again this season at Iowa, Nebraska, Kansas and some eastern fairs more firsts and seconds than all the rest put together. Their prices are right and it is certainly a good place for the buyer looking for the best. Write them for particulars and prices. Mention their advertisement in Farmers Mail and Breeze.

H. B. Miner's offering of Duroc-Jerseys, at Guide Rock, Neb., Friday, November 3, is the only sale of any note to be made by a Duroc-Jersey breeder in either northern Kansas or southern Nebraska this fall. We know of no other sale in that section of the two states. It certainly is an opportunity for Duroc-Jersey breeders who are

in the market for a boar or for a few gilts to fill out a bred sow sale or to breed and keep in their own herd. There will be 22 spring boars and three September yearlings.

PUREBRED HORSES.

SYMBOLEER'S, 2:09 1/2

Best and fastest trotting and pacing colts on earth. Send for new catalog with full description. CHICKASKIA STOCK FARM, Blackwell, Oklahoma.

The Best Imported Horses One thousand each. Home bred registered draft stallions—\$250 to \$650 at my stable doors. A. LATIMER WILSON, CRESTON, IOWA.

Bergner & Sons' Coach Horses

65 Head German Coach Horses 65 Head With Size, Beauty and Action
A general purpose horse that fits the farmer's need. Write for further particulars. We are offering stallions at prices you will be able to pay for with proceeds of one season's stand. Also mares either single or in matched teams. Write or call soon. Address J. C. BERGNER & SONS, "Waldeck Rancho," Pratt, Kansas.

Belgian and Percheron Stallions and Mares

Imported and Home-Bred. For Sale at Attractive Prices. Blue Valley Stock Farm Blue Mound, Linn Co., Kan.

50 - PERCHERON STALLIONS - 50

Bishop Brothers have 50 big boned stallions that weigh 1,700 to 2,100 pounds that they can and will sell for less money than any firm in the business. We have them to sell. Write us. BISHOP BROTHERS, Box A, TOWANDA KANSAS.

Robison's Percherons

Stud headed by the champion, Casino 27830 (45462.)

Stallions and Mares, all ages for sale. Importation of 40 head landed at the farm September 23; 30 head more to land here October 20. All are for sale.

J. C. Robison, Towanda, Kan.



80 Percheron Stallions

I have just returned from France with 60 head of Imported Percheron Stallions and I have fully demonstrated at the different State Fairs and Shows where I have exhibited, that I have the kind that are unexcelled; in fact, my exhibit was the talk of the shows—more weight, more conformation, more action, than you ever saw in one barn.

My Winnings at the Oklahoma State Fair were as follows:

Grand championship on Kaball 2d, a 2-year-old; first on aged stallions; first, second and third on 3-year-olds; first and fourth on 2-year-olds; first on yearlings; first and second on grand display of four animals either sex; first and second on five best studs. In Percheron Society Specials I won first and second on five best stallions. First championship stallions, open class.

FRENCH DRAFT.—Second on aged horses; first and second on 3-year-olds; first, second and third on 2-year-olds; first on four animals, either sex; first in grand display; first on five best stallions.

ON BELGIAN.—Second on aged stallions; second on 3-year-old stallions; first on 2-year-old stallions.

My Winnings at the American Royal were as follows:

Grand championship on Percheron stallions; first on aged horses; second on 2-year-olds; third on yearlings; Percheron Society Specials; championship stallions, open class. I also won the \$100 trophy sent by the Percheron Society of France to the American Royal for the best stallion exhibited.

FRENCH DRAFT.—Grand championship. First on aged horses; first on 3-year-olds; first, second and third on 2-year-olds; first on five best stallions.

Now, if you are in the market for a first-class stallion, the kind that you will always be proud of, one that will start the foundation of a family of horses that you will be remembered by your great grandchildren, come to Salina, Kan., and look through my barn, for I am positive that I can show you more bone, more foot, more weight than any man in the business.

C. W. Lamer & Co.,
Salina, Kansas.

PURE BRED SALES NEXT WEEK

JERSEY CATTLE

FRIDAY, NOVEMBER 1—Torrens & Hammel, Topeka.

DUROC-JERSEY HOGS

WEDNESDAY, OCTOBER 30—W. T. Hutchison, Cleveland, Mo.

WEDNESDAY, OCTOBER 30—Thompson Bros., Garrison, Kan.

POLAND CHINA HOGS

FRIDAY, NOVEMBER 1—Walter Hildwein, Fairview, Kan.

FRIDAY, NOVEMBER 1—John E. Willis, Prairie View, Kan.

SATURDAY, NOVEMBER 2—J. H. Hamilton & Son, Guide Rock, Neb.

JACKS AND JENNETS.

Jacks and Jennets
One of the largest selections of large Black Mammoth Jacks in the West...

AL. E. SMITH, LAWRENCE, KANSAS.

LIVESTOCK AUCTIONEERS.

COL. HOMER BOLES, Randolph, Kan.
Livestock and General Auctioneer.

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

COL. S. B. YOUNG, Osborne, Kan.
Livestock Auctioneer. Write for dates.

W. C. Curphey, Salina, Kan.
Livestock Auctioneer. Phone for dates.

Wm. H. Harper, Livestock Auctioneer,
GLASCO, KANSAS. Phone for Dates.

Col. D. F. Perkins, Concordia, Kan.
Up-to-date methods in the Auction business. Purebred stock sales and big sales generally. Write for dates.

Col. C. W. Smith, Livestock Auctioneer
and Prop. of Smith's Sale Pavilion, Fairbury, Neb. Special service to breeders. C. W. SMITH, FAIRBURY, NEB.

Late Burger, Live Stock and Real Estate Auctioneer
Wellington, Kan.

R. H. DENGATE, Lucas, Kan.
LIVESTOCK AUCTIONEER.
DATES CLAIMED ARE PROTECTED.

Col. N. S. HOYT, Mankato, Kansas,
Livestock Auctioneer. Big Horse and other Stock Sales a specialty. Terms reasonable. Special service to breeders.

Chas. E. Reebler, Emporia, Kan.
Pure Bred Live Stock and Real Estate Auctioneer. Speaks German. Write or wire for dates.

JOHN D. SNYDER, HUTCHINSON, KAN.
Auctioneer
Pedigreed Live Stock a Specialty.

T. E. GORDON, WATERVILLE, KANS.
Livestock and Real Estate Auctioneer.
WRITE FOR DATES.

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

Will Myers, Livestock Auctioneer
Beloit, Kansas.
Write or phone for dates. I am located right to give good service.

Col. J. R. LOYD, ATHOL, KANSAS.
LIVESTOCK AUCTIONEER.
Write for terms and dates, and reference.

COL. FRANK REGAN,
ESBON, KANSAS.
Livestock Auctioneer. Write for open dates.

G. G. DENNEY, GUIDE ROCK,
Nebr. Livestock Auctioneer. Pure bred stock sales and big farm sales. Write or phone.

G. A. DRYBREAD, Elk City, Kans.
Livestock and farm sales made anywhere. Give me a trial. Satisfaction guaranteed.

FRANK J. ZAUN, FINE STOCK AUCTIONEER
Independence, Mo.
Bell Phone 675 Indp.
"GET ZAUN. HE KNOWS HOW."

LEARN AUCTIONEERING at the world's
greatest school.
Winter term opens December 9th, following International Stock Show. Tuition includes four days' free admission to the show. Write for free catalog.
JONES NATIONAL SCHOOL OF AUCTIONEERING
CAREY M. JONES, Pres.
2885 Washington Blvd., CHICAGO, ILL.

Col. Oscar H. Boatman, Irving, Kansas
Livestock Auctioneer
Graduate American Auction School
Write for Dates

H. S. DUNCAN, Livestock Auctioneer,
Clearfield, Iowa, and instructor in Missouri Auction School, 14th and Grand, Kansas City. Term opens January 6th.

R. L. HARRIMAN, Livestock Auctioneer,
Bunceton, Mo. Also instructor in Missouri Auction School (largest in the world), Kansas City.

W. B. CARPENTER, Real Estate Auctioneer,
14th and Grand Ave., Kansas City, Mo., and President of Missouri Auction School. Term opens January 6th at Kansas City.

COL. E. W. WALTERS, Skedee, Oklahoma,
Real Estate and Livestock Auctioneer. Has sold real estate from Michigan to Mississippi in 1912. Also instructor in Missouri Auction School, Kansas City.

MISSOURI AUCTION SCHOOL (largest in the world) has moved from Trenton, Mo., to 14th and Grand Ave., Kansas City, where we have auction house and can give more practice; also sell horses at city horse market. Term opens January 6th

20 spring gilts and five of September farrow. The boars are selected from the entire crop of spring pigs which numbered around 100 head and are choice, well grown fellows of the best of color, backs and feet. They were sired by two boars that deserve more mention than we have space to give here. Model H. is well known to breeders over Kansas and Nebraska and especially in northern Kansas where he was brought into prominence by Ward Bros., of Republic, Kan. He was sired by Higgins Model and is likely the only surviving son of this popular sire. Mr. Miner bought him of Ward Bros. two years ago and fully half the offering is by him. There are few more popular breeding boars in the West. Crimson Wonder Orion, by Crimson Wonder Again, sired the other half and his get is deserving of the highest commendation. Mr. Miner is a breeder who has not hesitated to pay the price that it took to land the good ones and his herd sows are among the best in the country. Rose Banker, Model Girl, by Pearl's Golden Rule, Model Girl by Model Chief Again and other sows equally as good are the dams of this offering. It will be a sale of the best of individuals and the breeding is up to date and popular. Kansas breeders bought liberally in Mr. Miner's last fall sale and many of them will be back again this fall. J. W. Johnson, fieldman for Farmers Mail and Breeze will attend the sale and bids may be sent to him in care of Mr. Miner at Guide Rock.

Jersey Herd for Sale.
In this issue Chester Thomas, of Waterville, Kan., is offering for sale his herd of Jersey cows. His advertisement appears in the dairy column and is an offer that should attract the attention of Jersey cattle breeders everywhere. This is one of the best herds in the West and we will have more to say about it later. In the meantime you better write Mr. Thomas and ask him to price you cows or heifers. There is not a cow in the herd that is not valuable and a good producer. Everything pertaining to the herd is in fine shape and if you are interested write Mr. Thomas at once for tests and other information about his herd.

Hamiltons' Fall Sale.
J. H. Hamilton & Son, Guide Rock, Neb., sell Poland Chinas at that place Saturday, November 2. The sale is to be held in town and this is the last call before the sale. It is the day following the John E. Willis sale of Poland Chinas at Prairie View, Kan. Both sales can be attended with almost the same expense. The Hamiltons are selling on this date 45 head and it will be readily understood that the offering is one of unusual merit when it is understood that they are making no bred sow sale, but are putting into this sale the 25 gilts that would otherwise go in their bred sow sale. All of the gilts except five are of spring farrow and the five that are not are of last fall farrow and are as good as you will see this season in a sale ring. See advertisement in this issue. Free hotel accommodations for breeders. Those who can't attend may send their bids to J. W. Johnson, wire, phone or write and they will be honorably dealt with. Write such letters in care of the Hamiltons.

Last Call for Wills.
Friday, November 1, is the date of John E. Willis' Poland China sale at Prairie View, Kan. This is the last call for this sale and you should surely plan to attend if you are interested in the best of big type Poland Chinas. It is the day before the Hamiltons sell Poland Chinas at Guide Rock, Neb., and both sales can be conveniently attended. Mr. Willis is selling in this sale 40 head in all. Twenty-five of them are big, well grown September yearlings. The balance are early spring boars. It is an offering of strictly big type and one that is good through and through. Mr. Willis has been in the Poland China business for a good while and has made several sales that have attracted breeders from all over central Kansas. This sale will be the best from the standpoint of quality he has ever made. Bids may be sent to J. W. Johnson of this paper in his care and they will be handled carefully and honestly. But you better come.

Classy Duroc-Jersey Boars.
P. C. Garrett & Son, Bloomington, Neb., are advertising some choice fall boars for sale and some good summer and fall pigs. Their herd of Duroc-Jerseys is one of the good herds of southern Nebraska and they are making a very low price on their surplus Durocs. The fall yearling boars are exceptionally good and the prices they are offering them at are very low indeed. The pigs which are of this summer and fall farrow will be priced right and nothing but the best ones shipped at all. The breeding is up to date and everything is eligible to register or is already registered. Mr. George Garrett, who is the manager of the herd, has an auto and will take pleasure in calling at either Bloomington or Hildreth for anyone who desires to look his herd over. You will be well cared for and taken back to either town or to any of the other breeders close by. You better get in touch with Mr. Garrett, who is an up to date young breeder who is in the Duroc-Jersey business to stay and who has already made a success of the business. While his herd is not as large as some it is a good one and is growing by additions from other herds. Write about these boars.

Lobough's Annual Sale.
In this issue appears the advertising of A. C. Lobough's big sale of Poland Chinas, at Washington, Kan. This is the regular annual sale of boars and gilts that Mr. Lobough aims to make every fall. On this occasion he is favored with an offering that is sure to meet with the approval of Poland China breeders who need a big early spring boar. Twenty-one of the offering are last February boars and are big fellows with the best of feet and backs and with hardly flesh enough to make them showy. They are in prime condition to fill the wants of the purchaser. "Andy" Lobough is not the kind of a man to put anything in a sale that will not prove worthy the attention of every farmer and breeder needing good breeding stock. A number of spring and fall gilts go in the sale. Six of them of last fall farrow and the balance the last of February farrow. They will be sold open but a few will be bred and breeding privileges go with a few of them. Orange Lad is the new boar that Mr. Lobough bought in Iowa recently. He was sired by Big Orange and his dam

was Fussy 4th, by Big King. He is a good prospect, being only a spring pig. He has the appearance of having lots of outcome to him and certainly is bred along the right lines to make him one of the best. Those who cannot attend this sale should send their bids to J. W. Johnson of this paper in care of Mr. Lobough, at Washington, Kan. Such bids will be handled carefully.

Write Higgins for a Boar.
Thursday of last week we visited John Higgins' herd of Duroc-Jerseys at Abilene, Kan. One of the first things that Mr. Higgins informed us on was the splendid condition of hogs in Dickinson county. While there is not a large number of hogs in that county this season it is claimed by Mr. Higgins that there is very little complaint

HEREFORDS.
MATHEWS' REGISTERED HEREFORDS
For sale. 8 long yearling bulls; 30 yearling heifers, also cows with calves by side—extra good cattle, strong in Anxiety 4th blood.
FRED MATHEWS & SONS, Kinsley, Kan.

BLUE GRASS Herefords
STOCK FARM
Cows, Heifers and young bulls for sale. 100 head in herd. Breeding matrons by Militant, Lamplighter, Shadland, Dean 2d, Gentry Briton 8th, Hesiod 2d and Wilton Almo 8th. Visitors Welcome.
W. T. WRIGHT, Route 8, Mt. Pleasant, Iowa.

Klaus Bros.' Herefords!
We offer 16 head of strong, rugged bulls, herd header material, ready for service, sired by Fullfiller 8th, Fullfiller 25th and Beau Onward. Priced right and worth the money.
KLAUS BROS., BENDENA, KANSAS.

Modern Herefords
ROBT. H. HAZLETT
Hazelord Place
Eldorado, Kansas

RED POLLED CATTLE.
Foster's Red Polls
Write for prices on breeding stock.
C. E. FOSTER, R. R. 4, Eldorado, Kansas.

RED POLLED BULLS
and heifers by Actor 7781 and Launfal 13221. Cows large, plenty quality, represent best milking families. Also large type POLAND CHINAS. Figs. Write or come.
CHAS. MORRISON & SON, Phillipsburg, Kan.

SHEEP.
HILL TOP STOCK FARM has 40 head of registered Shropshires, both sex. They are priced to sell.
O. A. HOMAN, Route 3, PEABODY, KANSAS.

Registered Shropshire SHEEP
63 bucks, one, two and three years old. Out of Imported sire and many of the dams imported. Priced to sell.
R. A. LOUGH, Osborne, Kansas.

BRED SHROPSHIRE EWES.
Flock established 1858. 75 select 4-year-old ewes bred to Imported Minton and Buttar rams. A snap if taken soon. EWES any age of superior quality. One or a car load. Aged rams all sold. Ram lambs for sale. Write your wants or visit our flocks.
D. LEONARD & SONS, CORNING, IOWA.

Herd Established Over 25 Years Evergreen Crest Galloways
Twenty cows and heifers for sale, either registered or high grades. All two years old and over are bred to Flagstaff 29295 and Sally's Othello 33696. Anyone desiring a herd of breeding cows should inspect this offering. Also two yearling bulls for sale.
J. & W. R. CLELLAND, NEW HAMPTON, MISSOURI.

SHORTHORNS.
JOHNSON'S Shorthorns 50 HEAD including 6 good young bulls. Price, \$1800.00. Also young Jacks.
T. F. JOHNSON, GARFIELD, KANSAS

SHORTHORN CATTLE
POLAND CHINA SWINE and CLEVELAND BAY HORSES. All stock pedigreed. Prices reasonable.
Thos. B. Murphy & Sons, Corbin, Kas.

SHORTHORNS
8 bulls from 12 to 18 months. Roans and reds. Scotch Top. Address, L. M. NOFFSINGER, OSBORNE, KAN.

Lookabaugh's Shorthorns
Violet Search by Searchlight at head of herd. Breeding stock, both sex. Prize winners and descendants of prize winners. Write your wants.
H. G. Lookabaugh, WATONGA, OKLAHOMA

Pearl Herd of Shorthorns
I have a select bunch of young bulls from six to 20 months old, well bred, well grown and the making of good useful animals. They are both reds and roans. Can ship via C. R. I. & P., A. T. & S. F., U. P., and Mo. Pac. Address
C. W. TAYLOR
ABILENE : : KANSAS

POLLED DURHAMS.
HUDGINS' D. S. POLLED DURHAMS
Herd headed by Miami Model 339881, a prize winning son of the great Confessor 284217. I have a choice lot of ready for service bulls for sale—all double standard. Watch for my fall sale.
W. T. HUDGINS, MOORESVILLE, MO.

Polled Durham Bulls
Six well bred young bulls and a limited number of cows and heifers for sale.
C. M. HOWARD, HAMMOND, KANSAS.

Woods Polled Durhams
Roan Hero Bulls and Heifers for Sale. Three bulls from 12 to 22 months old, 2 Mins, a Brawith Bud and a Necklace, 2 roans and a white of top quality and ready for service. Also a few choice yearling and two-year-old heifers. These will be priced right for quick sale. Come and see or write
C. J. WOODS, CHILES, KANSAS.

GALLOWAYS.
G. E. CLARK, W. W. DUNHAM.
CAPITAL VIEW GALLOWAYS.
12 Miles West of Topeka.
Can furnish car of good cows, also bulls ranging in ages from calves to 2-yr.-olds. Can suit your wants. Write
CAPITAL VIEW RANCH, Silver Lake, Kan.

Fort Larned Herd
40 REGISTERED BULLS, 20 GALLOWAYS and 20 RED POLLS, 10 to 20 months old. Priced to sell.
E. E. FRIZELL, LARNED, KANSAS

Paradise Dell Farm Offering
30 four-year-old ewes at \$12.50
18 three-year-old ewes at \$10.00
10 two-year-old ewes at \$12.50
20 yearling ewes at \$10.00
20 lamb ewes at \$8.00
15 two-year-old rams at \$17.50
29 yearling rams at \$15.00
5 lamb rams at \$12.50
These sheep are all pure bred Hampshire Down. All registered or eligible. These sheep are all in perfect health and in fine breeding condition. I would like to see 10 of these ewes and a ram go to ten prosperous farmers in Kansas. If interested, write me.
E. S. TALIAFERRO, Rt. 3, Russell, Kan.
Telegraph, Telephone and railroad station, WALDO, KAN.

OIL - OIL - OIL
WHOLESALE PRICE TO CONSUMERS—Combining best quality with low price. NO WATER IN MY KEROSENE OR GASOLINE.
XXX 48 gravity water white kerosene.....\$5.50 for 52 gal. bbl.
XX 42 gravity kerosene (the kind usually sold).....\$4.75 for 52 gal. bbl.
XXX 64 gravity gasoline.....\$8.75 for 52 gal. bbl.
1 case graphite axle grease (2 doz. 3 pound pails).....\$3.50
40 gravity prime white stove distillate.....\$4.25 for 52 gal. bbl.
38 gravity stove distillate.....\$4.00 for 52 gal. bbl.
60 gallon (26 gauge) galvanized steel tank with pump and hood cover complete—a great convenience in every home.....\$3.60
Extra heavy pure crude oil, steamed and settled, (black oil) good lubricant, just the thing for greasing tools.....\$3.50 for 52 gal. bbl.
STANNARD'S PROCESSED CRUDE OIL, the best dip made for killing lice and curing mange. One application will do more to kill lice and cure mange than three applications of any other dip made (it destroys the nits).....\$5.00 for 52 gal. bbl.
I also carry a full line of lubricating oils.
I pay \$1.25 each for crude oil barrels, \$1.50 each for refined oil barrels, returned to me at refinery in good order, freight prepaid. Send the money with your order.
C. A. STANNARD, BOX M, EMPORIA, KAN.

ABERDEEN-ANGUS.

Angus Bulls For Sale
sired by Butger Heatherson; 3d 118104, Presto 3d 133774 and Professor Kurtz 135693. Ready for service including two choice Blackbirds. Priced right. Satisfaction guaranteed.
W. G. DENTON, DENTON, KANSAS.

Sutton Farm Angus

For sale, our entire crop of 1911 spring bulls, individually or in carloads; great, well grown, lusty fellows, sired by the best of herd bulls. Bulls from this herd sire winning steers in Chicago, Denver, Fort Worth and Kansas City shows annually. Also 20 head imported and Canadian bred Shropshire sheep, and selections from a large and high class herd of Berkshire hogs.
SUTTON FARMS, LAWRENCE, KANSAS.

DAIRY CATTLE.

FOR SALE 37 head registered Holstein dams. Prices right. Come and see them.
M. F. KNUDSEN, CONCORDIA, KANSAS.

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

LINSCOTT JERSEYS
Only registered herd of merit in Kansas. A grand son of Golden Fern's Lad—bred for butter—and 20 cows and heifers for sale at moderate prices.
E. J. LINSCOTT, HOLTON, KANSAS

JERSEY HERD FOR SALE
30 head registered cows and heifers including 2 head bulls, they are a selected lot, with records over 400 lbs. butter for all over 3 years old, only 7 years old.
Chester Thomas, Waterville, Kansas.

Holstein-Friesian Bulls
For sale—choice young bulls, sired by Pieterje H. gerveld Nannette, first prize bull 3 state fairs, 1911, from producing cows. Exceptionally fine markings. W. C. Jones, Rural 2, Topeka, Kan.

Jersey Cows and Heifers
We have for sale 30 head of young cows and yearling heifers. Also a few young bulls. See our herd at either the Iowa, Kansas, Nebraska, or Missouri State Fairs.
SMITH & ROBERTS, BEATRICE, NEBR.

Choice Jersey Bulls
I am offering a few young bulls, sons of Oxford's Masterpiece, a son of Oxford Lad; Oxford's Brigadier, a son of Gamboge Knight; Merry Maiden's Golden Lad, a son of Merry Maiden's 3d Son; and Eurybia's Exile. I have but a few of these calves that are ready for service. Will sell them reasonably while they last. Write for prices and particulars.
W. N. BANKS, INDEPENDENCE, KANSAS.

Dairy Cattle Sale
Friday, Nov. 1st
7 Miles Southwest of Topeka.
60 high class dairy cows, including 30 Jersey cows and heifers, 15 Holstein cows—including one that is giving 7 gallons of milk a day—10 Shorthorn cows, springers, 20 heifer calves, dairy stock. Write for sale bill. Parties met at end of Country Club car line at noon.
Charley Crews, Auctioneer.
TORRENS & HAMMEL, TOPEKA, KANSAS

Holsteins For Sale
I am now offering a choice lot of high grade heifers, mostly 2-year-old and coming 2-year-olds. All bred to registered bulls. Many of them springing bag to freshen now. This is strictly a first class bunch. Beautifully marked with lots of quality. The best I have ever owned. Also bulls from 3 to 14 months old; both high grade and registered. Some of these bulls are very highly bred. Can also furnish a few milkers if desired. Nearly 100 head to select from. Will sell any number.
IRA ROMIG, Station B, Topeka, Kansas.

Rock Brook Farms
HOLSTEINS
TEN BULLS ready for service, all out of A. R. O. dams. Females of all ages, any number up to carload lots if desired.
ROCK BROOK FARMS,
Station B. Omaha, Nebraska.

HAMPSHIRE.
Pure Bred Hampshires
Inspect our herd or write for prices. Our motto is to please. ALVIN L'ONG, Lyons, Kansas.

WRITE J. F. PRICE,
Medora, Kans.
For prices on Pedigreed Hampshire Hogs

REGISTERED
HAMPSHIRE HOGS
of various ages not akin; two registered and one grade Dutch Belt bulls, also 1 spotted Arab stallion.
C. W. WEISENBAUM, ALTAMONT, KAN.

Try The White Belts
Cloverdale Farm offers a number of extra nice Hampshire boars for sale.
T. W. Lavelock, Princeton, Kas.

because of disease and that the quality is better than in years. He has enjoyed a good local trade and has sold some away from home, one going to Arthur Patterson, Ellsworth, Kan. We were shown a bunch of April boars that were extra large for their ages and of the best of quality. The breeding is practically new for this state and these boars are being priced worth the money. The gilts are being reserved for a bred sow sale January 24. If you need a boar write to Mr. Higgins for prices and descriptions. The herd sows, the dams of these boars, were many of them purchased in Iowa at leading sales last winter and are new blood all the way through. Cherry Col. by Tippy Col. is at the head of the herd. He was bred by Ira Jackson and is one of the real good herd boars of the breed in this state. Look up Mr. Higgins' advertisement in this issue and write him for prices on one of these boars.

Percherons, Red Polls and Durocs.

Geo. W. Schwab, Clay Center, Neb., is a breeder of Duroc-Jerseys. He sells lots of hogs every year on mail orders. He has shipped to Kansas and a number of other states besides his home state. We never hear a kick from any of the customers that Mr. Schwab has dealt with and that is a mighty good recommendation for any breeder that is doing as big a business as Geo. Schwab is doing every year. At present he is offering for immediate sale and at moderate prices 20 fall boars that are the big kind and with plenty of quality. They were sired by Buddy K. 4th Wide Awake. They are shipped guaranteed as represented and at a good bargain to the buyer. He also has some good spring boars which he is pricing. Also a fine lot of fall and summer pigs for sale at reasonable prices. In fact Mr. Schwab makes it a business of furnishing anything in his line at any time and in addition to the fall and spring boars and fall pigs he will price yearling sows open or bred or will hold and breed to either of his herd boars. The herd numbers 160 at present and every hog that is sold on a mail order is sold with a guarantee to please the buyer. The writer visited Mr. Schwab's farm last June and enjoyed a visit with Mr. Schwab and family and look at his fine herd of Durocs, Percherons and Red Poll cattle. If you want anything in the Red Poll line write Mr. Schwab and tell him what you want. Look up advertisement in this issue.

Kansas, Missouri and Iowa.

BY C. H. WALKER.

Branic's Poland Sale.

The C. L. Branic sale of Poland Chinas held at Hiawatha, Kan., Saturday, October 19, resulted in the very low average of \$15. It was Mr. Branic's first sale and while he sold as well bred a lot of hogs as has gone through a sale ring this fall, they did not carry the flesh or show the growth necessary to bring their worth. Unquestionably those who bought at the prevailing prices will more than double their money, which in the long run will be a good thing for Mr. Branic. While he was disappointed in the result Mr. Branic is not discouraged and is planning on a bred sow sale February 22 at which time he will offer a good lot of sows bred to his great boar, O. K. Lad. The get of this boar in the sale were in good demand and though sold upwards of \$30 per head. Col. Zaun cried the sale and did excellent work under trying conditions.

Clelland Offers Galloways.

Jas. & W. R. Clelland, New Hampton, Mo., proprietors of the Evergreen Crest Herd of Galloway cattle, have a change of copy in their advertisement this week in which they are making a special offer on cows, heifers and bulls. They are making special prices now on 20 head of cows and heifers, either registered or high grades. All 2 years old and over are bred to their great herd bulls Flagstaff and Sally's Othello. They also have two good yearling bulls ready for service. This offer should appeal to anyone wanting a good foundation of females and a bull. Messrs. Clelland write: "We regret very much to see this stock go, but since we have so many horses and sheep we cannot winter everything at home very well. The horses are not ready for the market, so we are offering the cattle." The Evergreen Herd is one of the top herds of the country. Over 1,300 acres are devoted to stock raising and Galloways are the important feature. No better bred cattle can be found and Messrs. Clelland have a way of developing them into valuable breeding propositions. Look up their card in this issue and write them for prices and further particulars.

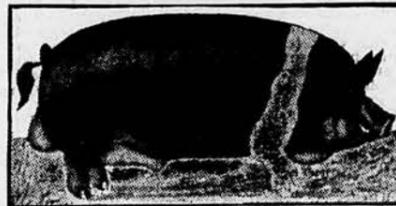
Lomax & Starrett's Sale.

Dr. J. H. Lomax and his partner, Mr. Starrett will hold a sale of big type Poland Chinas at their farm near Leona, Kas., on Saturday, November 9. This is an annual sale from this herd of high quality Poland Chinas and offers breeders and farmers a chance to secure top breeding stock at a time when they need them. Thirty-five head will be sold consisting of spring and fall boars and gilts. It is an offering that should appeal to breeders wanting Poland Chinas with size and quality. The offering has been carefully selected. The spring boars and gilts are sired by Gollath, Joseph, Top Notch and are out of sows by Byrne's Corrector, Chief Jumbo, Meddler's Dream, Pan, J. See and Black Chief. In their advertisement they say: "Every animal in the sale will be in just the right condition to make good as breeders and we feel sure our offering will appeal to breeders wanting a combination of size and quality." The catalogues are ready and will be sent upon application by mentioning the Farmers Mail and Breeze to Lomax & Starrett, Station D, St. Joseph, Mo.

Hildwein's Sale Next Saturday.

One of the most popular breeders in Kansas is Walter Hildwein of Fairview. Mr. Hildwein has gained this reputation by treating everyone fairly, producing good Poland Chinas that go into other herds and make money for their purchaser and by standing back of his Polands with his personal guarantee. These methods are bound to win success. It is worth a whole lot to the prospective buyer to know that the man with whom he deals is on the square. It is just as important as knowing he produces good stock. Mr. Hildwein will hold his annual sale at his farm near Fairview

GREAT SALE
Hampshire Hogs!!



Major 1909, owned by H. D. DeKalb, Dekalb, Ia.

Council Bluffs, Iowa
Thursday,
November 14th

BUY A HAMPSHIRE

60 head belted beauties—40 yearling boars—5 spring boars—10 spring gilts—5 matured sows. To the man who is now raising Hampshires this sale offering needs no introduction. They are commended to the breeder and the farmer who wants a prolific, vigorous, profitable hog. In the 60 head we are consigning, the 40 yearling boars have size, bone and constitution which they will impart to their offspring. They are sired by Pirate 4517 by Meadow Lark; Commodore 2865 by Teddy; Major 1909 by Stone's Duke; DeKalb King by Major. The dams are richly bred large smooth sows. Come to my sale. It's the place to buy Hampshires. Let me send you a catalog. Address

H. D. DEKALB, Dekalb, Iowa.

Auctioneers—H. S. Duncan, N. G. Kraschel.
Fieldman—Grant Gaines.

PUBLIC SALE OF PRIDE OF COLLYNIE
SHORTHORNS!

AT OUR FARM
Sabetha, Kans., Tues. Nov. 12

40 HEAD 11 BULLS 40 HEAD
29 FEMALES

The offering includes 20 head, the get of PRIDE OF COLLYNIE, a bull of Massive Beef Type and Rugged Constitution with few equals, if any, and no superior; a Typical Scotch-Cruickshank bull; sired by imported Collynie and from imported Mistletoe 15th. The offering includes

22 COWS, DAUGHTER OF PRIDE OF COLLYNIE
Or others bred to him, a number of them with splendid calves at foot. Several heifers will be bred to our young bull sired by the famous Ruberta's Goods

11 STRONG, RUGGED BULLS.
Herd headers sired by Pride of Collynie and from our best cows; 1 year to 2 years old; blocky, good feeders and fine color.
The Catalogue will be sent on application. Address

JOHN McCOY & SON, Sabetha, Kans.

BERKSHIRES.
WAITE'S BERKSHIRES.
Choice young Boars and Gilts, also tried sows. Most famous Robins Hood Blood. We guarantee satisfaction. Call or write LEON A. WAITE, WINFIELD, KAN.

BERKSHIRES, SHORT-HORNS and JERSEYS
FOR SALE—25 boars by Robins Hood Premier 2nd or Rival's Lord Premier, and out of sows representing such sires as Imported Baron Compton, Berryton Duke and Premier Longfellow. Also a choice Shorthorn bull calf by Silk Goods and out of a show cow.
W. J. GRIST, :: OZAWKIE, KANSAS

TAKE NOTICE
that Nash is offering a special sale on those big boned Berkshire boars. A prize winning herd of National reputation.
C. G. NASH, ESKRIDGE, KANSAS

BERKSHIRES.
For Sale, Bred Sows for Oct. farrow, spring anteed herd boar two yrs. old. Fall gilts open or will breed.
J. M. NIELSON, MARYSVILLE, KANSAS.

Sutton Farm Berkshires

100 HEAD
AT
PUBLIC SALE
including all of our
1912 Show Herd
in fact, the entire
herd, at
LAWRENCE, KAN.
Nov. 21, 1912
Sutton Farms
Lawrence, Kan.

MEADOW BROOK BERKSHIRES AT BURLINGTON, KANS.
200 bred sows, all bred to Premier Longfellow, King's 2d Masterpiece, True Type, King's 4th Masterpiece, King's X Masterpiece (the greatest yearling we ever raised), Forrest Count, etc. One hundred open sows and twenty extra nice males. Two extra good herd boars for sale (every one deep in breeding and rich in blood).
E. D. KING, BURLINGTON, KANSAS.

O. I. C. SWINE. 40 Choice O. I. C. Pigs H. W. Haynes, Meriden, Kan.

EDGEWOOD O. I. C's, Choice spring boars and gilts, singly or mated, also bred gilts. HENRY MURR, TONGANOXIE, KANS.

O. I. C. 40 pigs, some good fall boars and tried sows for sale. Express prepaid. Everything registered free. F. C. GOOKIN, RUSSELL, KANSAS.

STAR HERD O. I. C's. Breeding stock of various ages, either sex. Best breeding r., sented in this herd. Write your wants. ANDREW KOSAR, GLASCO, KANSAS.

O. I. C. 12 months old show boar, Bobwhite, 10 spring boars, 5 bred sows and 15 gilts for sale. R. W. GAGE, GARNETT, KANSAS.

O. I. C. 125 HEAD HOGS Pigs in pairs, Bred Sows and Service Boars W. H. Lynch, Reading, Kansas.

Neef's O. I. C. Swine PUREBRED SEED WHEAT AND RYE. Special sale on bred gilts, fall and winter males, spring pigs, either sex, mated not akin. Also a choice lot of purebred seed wheat of Early Ripe, Harvest King, and Turkey Red varieties, re-cleaned and graded. Samples and prices on request. Also some choice Seed Rye. And a litter of Scotch Collie pups now ready to ship. RIVERSIDE FARMS, JOHN H. NEEF, BOONVILLE, MISSOURI.

DUROC-JERSEYS. WALNUT GROVE FARM. Boars and gilts, sired by B. & C's Col. and R. C's Buddy. Also spring pigs. R. C. WATSON, ALTOONA, KANSAS.

FASHIONABLE BRED DUROCS Graduate Col. at head of herd. Gilts bred to him and spring pigs either sex by him. Royal Selon Stock Farm, Winfield, Kan.

CRIMSON WONDER AGAIN BOARS. 1 yearling dam by W. L. A's Choice Goods, a herd header and show prospect. Several early fall boars, 3 full brothers to Crimson Wonder 3d. Booking orders for pigs by C. W. A. and other boars. L. R. VAN NICE, RUSSELL, IOWA.

BEAVER VALLEY HERD DUROCS. Boars and gilts sired by Grand Master Col. II 94903 (Grand Champion and sire of winners at Oklahoma State Fair, 1911), Defender Col. 112297, Autocrat 94765 and Muncie Col. 113779. Satisfaction guaranteed. W. A. WILLIAMS, MARLOW, OKLAHOMA.

Hebron Farm Durocs! 80 summer and fall pigs, both sexes for sale, also choice spring boars. Write for prices and descriptions. H. H. SHAW, HEBRON, NEBRASKA.

Pleasant View Durocs. Choice March and April boars and gilts for sale. Write for prices. T. P. TEAGARDEN, WAYNE, KAN.

Crimson Wonder Breeding Top boars from 100 spg. pigs. Write for prices. A square deal. DAVID BOESIGER, COURTLAND, NEBR.

Prince Wonder 2nd. No boar sale but best for private sales. Gilts reserved for February 7 bred sow sale. A. T. CROSS, GUIDE ROCK, NEBRASKA

LITTLE OAK DUROCS Early spring boars for sale. Gilts reserved for February 22 bred sow sale. Geo. P. PHILIPPI, Lebanon, Kan.

BONNEY K-Kansas Special Spring boars for sale but all best gilts reserved for February bred sow sale. W. E. MONASMITH, FORMOSO, KANSAS.

FALL YEARLING BOARS A few very choice summer pigs at bargain prices; and fall and winter yearling boars. Bred sow sale February 8th. P. C. GARRETT & SON, Bloomington, Nebraska.

TAYLOR'S DUROC-JERSEYS The herd that produces State Fair Winners. Spring pigs for sale. Special offer on top spring boars. CHAS. L. TAYLOR, OLEAN, MISSOURI.

GREAT SALE OF DUROCS. In Winfield, Kan., Nov. 14. Send for catalog. We have what the Breeders need and what the farmers must have. W. W. OTEY & SONS, Winfield, Kansas.

BIG TYPE DUROC-JERSEYS Spring males at \$25, summer pigs \$10, trios \$25; fall boars, good ones at \$30 to \$40; yearling sows, open or bred. Every hog shipped on approval. Satisfied customers in 22 states. Red Polled cattle, cheap. GEO. W. SCHWAB, CLAY CENTER, NEB.

BUDDY K IV, and B. & C's COL. Boars and Gilts by these great sires and sows and gilts bred to B & C's Col. For sale at reasonable prices. For full particulars write J. J. BAKER, INDEPENDENCE, KANSAS.

DUROC BRED SOWS, Gilts and Boars Some bred sows, fall and spring gilts and boars. Two fall boars sired by the famous B. & C's Col. Pedigrees furnished. PRICES REASONABLE. JUDAH BROS., HIATTVILLE, KANSAS.

College Hill DUROCS March and April boars and gilts from state fair winners. Choice boars by G. M's. Col., and Carl's Critic. Farm joins Agricultural College. W. W. BALES & SON, Manhattan, Kansas

and Powhattan on next Saturday, November 2, and those who attend the sale may rest assured that they will have an opportunity to buy good stock and from a man that makes them good. In this sale Mr. Hildwein is selling a good variety of blood lines and a variety of good blood lines. It is an offering of spring pigs entirely, spring stock that has been well grown and stock that is in the pink of condition to go out and do good service. Not only are they well bred on the sire's side, but they are out of a choice lot of sows. Last year Mr. Hildwein was a buyer at the best sales securing a number of choice sows bred to top boars. It is the produce from these he offers the public on next Saturday. The advertisement gives a line on the breeding and the catalogue give a complete description of the offering. Every breeder should have one. Write him today, per his advertisement in this issue.

Graner Averaged \$31.73. The H. C. Graner sale of big type Poland Chinas held at Lancaster, Kan., Tuesday, October 15, and which was the first of a series of sales to be held by four of Kansas' leading breeders, resulted in a general average on the entire offering of \$31.73. The female section averaged \$34.14 and the boars \$27.86. An even range of prices was recorded, the top being \$55. H. B. Walter of Effingham, Kan., paying that price for lot one, a 2-year-old daughter of Expansive. The top on boars was \$40, reached twice. E. M. Glendenning of Utopia, Kan., bought lot 9, a spring yearling by Guy's Monarch. W. H. Graner bought the A Wonder yearling at that price. While the prices obtained did not measure up to the real worth of the offering, it being an offering of matured stock and all but six head guaranteed immune, the result was generally satisfactory. The sale was handled by Col. Duncan of Iowa. Below is a list of representative sales:

- Lot 1-H. B. Walter, Effingham, Kan. \$55.00 2-P. T. Jacobson, Cummings, Kan. 50.00 3-J. L. Griffiths, Riley, Kan. 40.00 4-W. H. Graner, Lancaster, Kan. 42.50 5-E. J. Glendenning, Utopia, Kan. 41.00 6-Geo. Smithson, Lancaster, Kan. 37.50 7-W. R. Armstrong, Atchison, Kan. 35.00 13-M. C. Vansell, Muscotah, Kan. 25.00 28-H. B. Walter 30.00 30-E. J. Glendenning 31.00 34-H. Groninger & Sons, Bendena, Kan. 26.00

Long's Poland China Sale. W. E. Long sold 51 head of Poland Chinas on his farm near Meriden, Kas., Friday of last week for a general average of \$24. While in a few instances the individuals sold were worth more money the average obtained on the number sold was generally satisfactory. The get of Mr. Long's good boar, King Mastodon 2d, predominated and those who bought are bound to make money for the get of this boar has a reputation of siring the kind that prove out. H. B. Walter of Effingham, Kan., topped the sale at \$57 on Queen Mastodon, a spring yearling, by King Mastodon 2nd. L. V. O'Keefe got an April yearling, by the same boar at \$49. The top on boars was \$55 paid by W. L. Goodrow of Mayetta, Kas., for an August 31, 1911 boar, by King Mastodon 2nd. Marion Smith of Valley Falls was a liberal buyer. Col. J. W. Sparks cried the sale and was assisted by Col. Triggs, Tripp and Metzger. Below is a representative list of sales.

- Lot 1-R. E. O'Rourke, Oskaloosa, Kan. \$26.00 4-C. L. Brant, Hiawatha, Kan. 30.00 5-Walter Hildwein, Fairview Kan. 25.00 6-L. L. Clark, Meriden, Kan. 33.00 10-G. L. Shirley 25.00 16-H. B. Chacey, Meriden, Kan. 26.00 17-John Claire, Ozawkie, Kan. 25.00 19-W. L. Goodrow 55.00 21-Marion Smith 32.00 31-H. B. Walter 57.00 31-L. V. O'Keefe, Stillwell, Kan. 49.00 33-T. W. Shaw, Valley Falls, Kan. 26.00 34-Roy Johnson, Ozawkie, Kan. 25.00 51-A. Akins, Valley Falls, Kan. 35.00

H. B. Walter's Sale. H. B. Walter's sale of Poland Chinas at Effingham, Kan., Wednesday, October 16, resulted in a general average of \$31. With 10 head of boars out, which sold in one lot and around \$15 per head, the average on boars would have been \$39 and the general average over \$35. The intrinsic value of the offering was more than the prices received. Few breeders in the country can put in growtlier or better spring pigs than can Mr. Walter. This partly is due to the class of Poland Chinas he breeds and partly to his method of growing and developing. And it applies to his stock of any age. His fall boars showed extra growth and finish and the fall gilt he sold was a credit to any breeder in the country. The top of the sale was \$77.50, paid by Isaac Huscher of Ames, Kan., for a March 15 boar pig by Sampson Chief. Jno. W. Noll topped the gilt offering at \$72.50 in the fall yearling by Expansive. W. E. Long of Meriden, Kan., bought the good boar Expansive's Wonder at \$70 and R. B. Davis of Hiawatha, Kan., got an extra good yearling boar in Kansas Chief at \$50. Mr. Long also got an extra good gilt in the February daughter of Long King's Best. Everyone who attended the sale greatly admired the 26 head of fall and spring yearling Expansive sows which Mr. Walter is reserving for his winter bred sow sale on February 19, when he will sell them bred to his great boars, Gold Metal, Long King's Best and Referendum. Col. H. S. Duncan conducted the sale. Below is a list of sales at \$30 and above.

- Lot 1-W. E. Long \$70.00 2-Brown Hedge, Whiting, Kan. 32.50 3-R. B. Davis 50.00 4-Jno. W. Noll, Winchester, Kan. 72.50 5-August Haelele, Seneca, Kan. 45.00 7-Jno. Sullivan, Effingham, Kan. 35.00 8-W. E. Long 60.00 13-Isaac Huscher 77.50 14-C. B. Miller, Atchison, Kan. 37.50 15-L. V. O'Keefe, Stillwell, Kan. 45.00 17-C. M. Hettick, Whiting, Kan. 32.50 19-H. Groninger & Sons, Bendena, Kan. 30.00 23-A. N. Waechter, Riverton, Neb. 47.50 26-Joe Felton, Effingham, Kan. 32.50 27-L. V. O'Keefe 40.00

Farmers Raise More Cattle. D. E. Reber of Morrill, Kan., one of the leading Shorthorn breeders of the state, recently returned from a trip covering several of the western counties. Mr. Reber is a close observer and he says it is a distress-

Thompson Bros. Annual DUROC-JERSEY SALE

At Farm Near Stockdale and Garrison, Kan., Wednesday, October 30, 1912

30 SELECTED MALES AND FEMALES—5 SUMMER AND FALL BOARS—20 SPRING BOARS AND GILTS—2 FALL SHOW GILTS.

The fall boars include the September yearling, Cherry King, that heads second prize young herd at Topeka State Fair this year; one is a son of the champion boar last year, Ohio Col.; others are by Golden Chief. The spring boars and gilts were sired mostly by Col. Harris, first prize junior yearling boar at Hutchinson this year; others are by Kansas Col., half brother to above named boar. The fall gilts won first and third at Hutchinson in strong competition. They are both daughters of Blue Valley Chief; one is out of Mary's daughter, dam of second prize produce of sow at Hutchinson. These gilts are attractions and should go into some good herd. The offering is a good, useful one, and about all good breeding lines are represented, mostly Col. and Ohio Chief. Catalog upon request. Send bids to auctioneer or fieldman. Trains met at Stockdale, Kan.

Thompson Bros., Garrison, Kansas.

Auctioneer—James T. McCulloch. Fieldman—J. W. Johnson.

DUROC-JERSEYS.

DORR'S DUROCS 25 boars sired by A. Crimson Wonder boar. Good bone, back and color. Price low. A. G. DORR, OSGO CITY, KANSAS.

HUSTON'S DUROCS 30 boars by Golden Model 3rd 117837, the type that will make money on any farm and improve any herd. Satisfaction guaranteed. W. R. HUSTON, AMERICUS, KAN.

Fisher's Durocs Herd boars. Graduate Col. 28270a, Crimson Prince 89527. Ruby's Chief 104417, King's Col. F. 89365. These boars are among the best in the state, and sows in herd bred equally as good. Describe what you want, stating price you wish to pay. H. E. FISHER, Danville, Harper Co., Kansas.

BIG, STRETCHY BOARS. 18 Duroc-Jersey boars of Febr. and March farrow, by Blue Valley Col. Extra big and lots of quality. HARRY GIVENS, BLUE RAPIDS, KAN.

BIG TYPE DUROCS Representing the best blood lines. Over 50 sows in herd. Big crop of choice spring pigs. Stock of all ages for sale. Winter sale Feb. 5. Moser & Fitzwater, Goff, Kansas.

Deep Creek Herd Durocs Choice spring boars and summer and fall pigs, ready to ship, from dams sired by state fair champion boars. Satisfaction guaranteed. C. O. ANDERSON, MANHATTAN, KAN.

Bonnie View Herd Duroc-Jerseys 75 large, well grown spring pigs. SEARLE & COTTLE, BERRYTON, KAN.

FALL BOARS BY DREXEL'S PRIDE the sire of my show hogs. Spring pigs by him and Queen's Wonder 112317, a sensational Crimson Wonder Again yearling. All choice and priced right. W. T. HUTCHISON, CLEVELAND, MO.

Quivera Place DUROCS Spring boars for sale by Quivera and M. & M's. Col. Gilts reserved for Jan. 8 bred sow sale. MUNSELL & ISENBERG, Herington, Kan.

Dreamland Colonel 35 Sept. yearlings and tried sows for big bred sow sale in February. Nothing better. Also choice boars. LEON CARTER, Asherville, Kan.

JOHN T. HIGGINS, ABILENE, KAN. Spring boars sired by CRIMSON WONDER AGAIN, KING THE COL., GOLDEN MODEL 11TH and others. Largely out of sows bought in Iowa last winter. They are extra large for their ages. They are extra good and will be priced right to sell quick. Prompt replies. Address as above.

DUROC-JERSEYS.

Perfection Stock Farm Nov. boars and gilts, also 80 choice spring pigs, by State Fair grand and reserve champions. Pairs and trios not related. Ship on approval. Prices right. Write your wants. Geo. M. Glasen, Union City, Okla.

BANCROFT'S DUROCS We hold no public sales. Nothing but the best offered as breeding stock. Yearling and spring boars. Sows and gilts open or bred to order for spring litters. 135 fall pigs either sex. Pairs and trios not akin. Prices right. Customers in six states satisfied. Describe what you want. We have it. D. O. BANCROFT, OSBORNE, KANSAS.

G. H. Ramaker DUROCS. 118 pigs from 14 sows. Boars and gilts for sale. G. H. RAMAKER, PRAIRIE VIEW, KAN.

Star Breeding Farm Herefords and Durocs Bulls, 15 to 30 months, single or carlots; also, females any age. Durocs headed by the champion B. & C's Col. Both sexes for sale. SAM'L DRYBREAD, ELK CITY, KANSAS.

Mammoth Poland Chinas My herd boars weigh from 800 to 1,000 lbs. Am now ready to ship 200 of the big, easy feeding, quick maturing kind. Tried boars and sows, last fall boars and sows, and spring pigs of both sexes. My terms are: If you are not satisfied return the hog, and I return your money. F. P. ROBINSON, MARYVILLE, MISSOURI

Expansion Too heads my herd of Poland Chinas. He weighed 150 lbs. at 5 months; 420 lbs. at 12 months; 580 lbs. at 17 months and is still growing. His pigs are the same type with plenty of stretch and are easy feeders. Write for description and prices of Mar. boars and gilts. F. S. COWLES, R. R. No. 2, Lawrence, Kan.

POLAND CHINAS.
LARGE WITH PLENTY OF QUALITY.
 Handsome young boars, gilts bred or open. Best of large type blood lines. Some boars, herd headers. Satisfaction guaranteed on all breeding stock.
OLIVER & SONS, DANVILLE, KANSAS.

ALFALFA TEA FED POLAND CHINAS.
 Best large type blood lines; bred sows and gilts, the kind both farmer and breeder should raise. If you want to know more about them and how they are raised on alfalfa tea, address:
H. W. HOAK, ATTICA, KANSAS.

NEBRASKA'S POLAND CHINAS. Spring boars for sale but best gilts reserved for February 15 sale.
BIG TYPE
L. E. HOLMES, BLOOMINGTON, NEB.

POLAND CHINAS Select young boars. Gilts, bred or open. Prices right. Call or address **H. L. BROOKS, LARNED, KANSAS**

QUALITY and SIZE Big, Smooth Poland China Boars and Gilts. Spring farrow. Write for prices. **LAMBERT BROTHERS, SMITH CENTER, KANSAS.**

HOWARD R. AMES, POLANDS
 Pigs from 15 sows. Boars and gilts for sale. Write for prices. **HOWARD R. AMES, MAPLE HILL, KAN.**

NEBRASKA TYPE March and April boars by **Pan Wonder**. Tops of this season offering.
C. C. INGRAM, Bloomington, Nebr.

HARTMAN'S BIG TYPE POLANDS.
 Spring boars and gilts. Tried sows bred for Oct. farrow. Three Nov. yearling boars for sale. Everything guaranteed.
J. J. HARTMAN, ELMO, KANSAS.

Poland Chinas Select young boars, gilts bred or open. Prices right. Call or address
E. J. Manderscheid, St. John, Kansas

Tabor Valley Polands
 15 fall gilts bred for August and September farrow. Also 10 September boars for sale. Big, growthy stock. Priced to sell quick.
L. E. KLEIN, - Zeandale, Kansas.

MILDWEIN'S BIG POLANDS
 Herd headed by a great son of Expansive. Spring pigs by the leading big type sires of the day. Choice stock for sale and satisfaction guaranteed.
Walter Hildwein, Fairview, Kans.

Big Type Poland Chinas
 Two extra fall boars and choice spring pigs, sired by Gold Mine and Pan Look.
Dietrich & Spaulding, Richmond, Kan.

POLAND CHINAS - SHORTHORNS
 A few good sows bred for Sept. farrow, and 40 spring pigs—good ones, either sex. Also choice cows, heifers and serviceable bulls. **S. B. Amcoats, Clay Center, Kansas.**

Albright's Boar Offering
 Five big, smooth Sept. yearling boars, sired by A. L.'s Hadley. 15 spring boars sired by Cavett's Mastiff. Big, well grown fellows. Smooth as you ever saw.
A. L. ALBRIGHT, WATERVILLE, KAN.

Big Type Poland Chinas
 With unusual size and show yard quality. The kind you saw us win with at Topeka and Hutchinson. Don't you want some of them?
E. B. BAIRD, CENTRAL CITY, NEBR.

POLAND CHINAS!
 Bred sows at private sale. Also fall and spring boars. Sows bred to Tom Lipton, Welcomer, Iron Clad 2d and others. Priced right. Ask for prices and descriptions.
JOSEPH M. BAIER, ELMO, KANSAS.

Long King's Best 61555
 BY LONG KING

Sampson Ex 2nd 63450
 BY SAMPSON CHIEF

Two big type boars that measure up to that standard in every particular. These are my herd boars. Special prices now on top spring boars. I have just what you want.
H. C. GRANER, Lancaster, Kansas.

Dean's Mastodon Polands
 Poland China hogs, the big-boned type, will weigh when mature, 800 to 1,000 lbs. Bred sows all sold. Will sell a few boars of serviceable age, also choice fall pigs, either sex. All
Immunized by Double Treatment
 Herd headed by Mastodon Price, Columbia Wonder and Gritter's Longfellow 3d. Everything guaranteed and sold worth the money. Address
CLARENCE DEAN, WESTON, MISSOURI



Weighted 570 lbs. before 1 year old. For sale—Choice spring boars and gilts and fall yearling boars—the big type combining size and quality.
Paul E. Haworth
 Lawrence, Kan.

ing sight to see so few cattle in that section. "There are only animals where formerly there were herds," said Mr. Reber. "The western ranches have been sold and broken up into small farms and the native grasses have been plowed up to such an extent that it is impossible to handle anywhere near the same number that used to be found in that section." Mr. Reber says the farmers out west are favored with good crops and that they have an abundance of milo maize, Kafir corn and cane and on the bottom lands the Indian corn and grasses are excellent. In some places he said the pastures are knee deep and no stock to take advantage of it. Mr. Reber has his own ideas about the shortage of beef cattle in this country and says it is the only solution of the high cost of living. "If every farmer who owns or handles a quarter section of land would handle at least 30 head of cows (and they can do this easily on the average) the problem of the high cost of living would be settled. Just think what that would mean toward the beef supply. Not only would it mean a good profit to the farmer engaged in the business, but it would mean cheaper beef to the consumer and besides it would enrich the land to an extent that in itself would be sufficient remuneration for the farmer's time and trouble. A condition similar to this is bound to come and in the near future. Mr. Reber has one of the good Shorthorn herds of the state. Two or three years ago he held a most successful sale at Hiawatha, selling cows up to \$800. In one of the combination sales at Hiawatha a few years ago, Mr. Reber sold Imported Royal Pride for \$1200. Mr. Reber is now planning on a draft sale from his good herd, the date of which will be sometime the fore part of December.

Kansas and Missouri
GEO. W. BERRY.

The Sewell Land Company, an old and thoroughly reliable real estate firm of Garnett, Kan., old advertisers in the Arthur Capper Publications, have just renewed their contract. This firm makes a specialty of exchanges of any size, any price, anywhere. Write for their large exchange list sent free upon request, mentioning the Farmers Mail and Breeze.

Al. E. Smith's Black Mammoth Jacks.
 One of the noted places about the historic city of Lawrence, Kan., is the splendid stock farm of Al. E. Smith, breeder of Black Mammoth Jacks. The Al. E. Smith stock farm is located two miles west of Mt. Oread, the seat of Kansas State University, and directly on the "old" California Road, famous in history, as the route traveled by the gold seekers and immigrants to the Golden Bay state in the days of '49. Mr. Smith spent his boyhood days and grew to manhood in the neighborhood where he still resides, and where he achieved genuine and well deserved success as a breeder of the strain of jacks known as the large Black Mammoth class. Many of his jacks attain a height of 15 1/2 to 16 hands and over, standard measure; and they combine bone, substance, quality, smoothness and finish seldom found in any line of jacks on any breeding farm. His band of jennets show wonderful size and breeding qualities and is one of the largest selections of the sort in the country. Mr. Smith's training and experience with jacks is a valuable asset to his trade, and prospective buyers can depend upon his skill and judgment as assistance in selection of breeding stock.—G. W. B.

Pride of Collyne Shorthorns.
 The sale of Shorthorns announced by John McCoy & Son, to be held at Sabetha, Kan., November 12, is one of the important pedigreed cattle sales of the year. The offering on this occasion consists of a draft of 40 head from one of the oldest herds in the West. This herd was established about 33 years ago by John McCoy, the senior member of the firm, a pioneer breeder well known in improved livestock circles. Mr. McCoy has achieved genuine and well deserved success with his chosen breed, and during the third of a century that he has engaged in breeding cattle has owned many noted Shorthorns. The foundation of the McCoy herd comprised selections from the best families of Shorthorns and the herd has been maintained on a high plane of individual excellence. In the selection of breeding stock and mating the sires and dams he has exercised rare judgment and in the management of the herd to which he has devoted his time and personal attention he has been successful financially while attaining a prominent position as a breeder of Shorthorns. The superb bull Pride of Collyne has been the chief sire in the McCoy herd during the last few years. This really great bull has the distinction of being a son of the celebrated Imported Collyne, said to be the most intensely Cruickshank-bred bull ever brought from Scotland to America, and his dam is Imported Mistletoe 15th, one of the great cows in the famous importation of 1898 including the bull Collyne, (she was
 (Continued on Page 39.)

Farmers Mail and Breeze Pays Advertisers.

Farmers Mail and Breeze, Topeka, Kan. Your letter of the 2d at hand and will say I am enclosing money order for which please insert the enclosed ad for 13 weeks. I have had splendid success from ad having received about 100 letters of inquiry and sold all my bred sows and gilts I had for sale. Only have a few boars left. I am well pleased with the success the ad has brought me.
T. W. LAVEROCK,
 Breeder of Hampshire Hogs, Princeton, Kan.

Farmers Mail and Breeze, Topeka, Kan. I want to thank you for the way that you have treated me and will say that I never in all the advertising that I have done, received as many replies as I did from the ad in your paper.
S. M. BRADEN,
 Real Estate Dealer, Sparta, Ill., October 5, 1912.

Every week for years Farmers Mail and Breeze has printed voluntary letters from its advertisers and different letters are printed every week.

Lobough's Annual Sale
Poland China
BOARS and GILTS at The Sale Pavilion
Washington, Ks., Sat. Nov. 9, '12

The offering numbers 46 head and 21 are early spring boars (last of February) that have been grown out with lots of range and not loaded, but in the best possible condition to go to work. One yearling, 15 spring gilts same age as boars and six fall yearling gilts. Fall gilts will be sold bred or with breeding privilege and some of the spring gilts will be bred or sold with a breeding privilege. Everything immune, having been immuned by State serum.

Everything strictly big type, the sire of the offering being better than a 700-pound hog. The dams are big, mature sows, sired by such boars as Kansas Ex., Gold Metal, L.'s Hadley, Choice Goods and Captain Hutch. Catalogs ready now. Write to

A. C. LOBOUGH,
Washington, Kansas.

Auctioneers—James T. McCulloch, J. B. Lewis.
 Fieldman—J. W. Johnson.

Lomax & Starrett's Annual Sale of Big
High Quality Poland Chinas
 —AT FARM NEAR—

Leona, Kan., Saturday, Nov. 9, '12

35 Spring and Fall Boars 35
Spring and Fall Gilts

Our offering has been carefully selected and will appeal to breeders, wanting Poland China Breeding Stock, with Size and Quality. Spring Boars and Gilts, Sired by Goliath; Spring Boars and Gilts, by Joseph by Top Notch; Fall Boars and Gilts by Joseph. The Dams of our offering are a choice lot of Byrn's Corrector, Chief Jumbo, Meddler's Dream, Pan Jr. See and Black Chief Sows. Every Animal in the sale will be in just the right condition to make good as breeders, and we feel sure our offerings will appeal to breeders wanting a combination of size and quality. Bids sent to Fieldman, or Auctioneers, in our care, will receive the most careful attention. Write us at once for catalog. Mention this paper. We have no mailing list.
LOMAX & STARRETT, Station D, St. Joseph, Mo.
 Auctioneers—T. E. Deem, Charles Foster.

Big Type Thoroughbred Poland China Boars

40 March and April Boars at PRIVATE SALE. These boars are the big bone, big type, half-ton kind, from big litters and are easy feeders. Sired by **BLUE VALLEY**, No. 61568, who weighs 850 lbs. at 20 months old, with 11 inch bone, and has as much quality as any type. Some are sired by Mouw's Longfellow 58289, a very large, massive boar. Herd headers a specialty. We have them. Write for description, breeding and prices and please state which you wish, March or April farrow.
THOMAS F. WALKER & SON, Alexandria, Nebr. (Established 1880.)
 Box 277, Route No. 2.

ETTERVILLE BREEDING FARM

Devoted to the raising of the old original Big Boned Spotted Poland Chinas. Spring pigs from five of the largest spotted boars on earth. Pairs or trios not skin. Hogs shipped anywhere on earth. They will please and are priced right.
EDGAR DOOLEY, Owner, ETTERVILLE, MO.

Gildow's Mammoth Poland Chinas Herd headed by the 1080 lb. grand champion, Pawnee Chief Hadley and Big Bill Tatt. For sale 80 spring boars and gilts by the above named and other big type sires and several big stretchy spotted pigs by Big King and Brandywine Jr. All out of prolific big type sows. Also two herd boars and 25 fall gilts bred or open. If you want the big, smooth kind write us. Special prices now on choice boars.
DR. JNO. GILDOW & SONS, JAMESPORT, MISSOURI

O. K. LAD BOARS FOR SALE.
 Sons of my 1,000 pound boar for sale. These are out of sows carrying the best big type blood lines. Bred sow sale February 22.
C. L. Branich, Hiawatha, Kan.

SOUTHERN KANSAS AND OKLAHOMA DUROC SALE CIRCUIT

**Duroc-Jersey Sale at Hennessey, Oklahoma
Friday, Nov. 15, 1912 — 50 Head, all bred right**

Consisting of 12 tried sows and 11 fall yearlings all safe in pig, mostly to F. P.'s Col. 12053 by B. & C.'s Col., others are bred to Buddy K.'s Best a splendid breeding son of Old Buddy K IV now dead. There will also be sold 10 Spring and Summer gilts and 15 Winter, Spring and Summer boars.

Two Tried Boars, Herd headers including the Son of The Champions will be sold.

All are either Sons or Grandsons or daughters or granddaughters of Champion prize winners of note. They carry the blood of such sires as B. &

Auctioneers: Reppert, Drybread, Groff Williams and Murphy.
Fieldman, A. B. Hunter.

C.'s Col. Buddy K IV, Ohio Chief, Piolet Boy, Red Wonder, High Notcher, Red Advance, Mo. Wonder, Top Commodore, Gold Finch and others of equal reputation. One-fourth of this offering should go to the best breeders, the other three-fourths to the progressive farmer that he may produce hogs that will make more and quicker money for the corn he feeds.

Free lunch on grounds, visitors from a distance stop at Rhodes Hotel, Hennessey, Okla. Conveyance furnished to farm near town.

For catalog write,

F. P. SYLVESTER, Hennessey, Okla.

A fine pair of registered pigs given free day of sale. Everybody present will have equal chance to get them.

**The Ohio Kant Be Beat
and Ladore Wonder Sale of
Duroc-Jerseys!**

Dennis, Kan., Nov. 12, 1912.

40 Head — 40 Head

By These Two Great Sires.

Also a few by Colonial Col. and Buddy's Pride.

A few fall yearling sows—dams by Higgin's Model and Inventor. Will be bred to Colonial Col. One young brood sow by Buddy K. IV, dam Wonder's Model Girl.

20 Spring Gilts and 15 Extra Good Boars

Dams by Ohio Chief, Model Chief, Billie K., Inventor, Buddy K. IV, Red Advance and Colonial Col.

Breeders entertained at Kimball House, Parsons, and Florence Hotel, Cherryvale. Morning trains and interurban cars to Dennis.

LANT BROS., Dennis, Kans.

George W. Berry, Fieldman. Frank J. Zaun, Auctioneer.

**Samuel Drybread's Sale
Duroc-Jerseys**

AT THE STAR BREEDING FARM

Elk City, Kan., Wed., Nov. 13

50 Head 40 Sows and 10 Boars 50 Head

B. & C.'s COL.,

Conceded to be one of the very great Boars of the breed, is the sire of the greater part of the offering.

- 8 Choice Boars by B. & C.'s Col.**
- 5 Extra Sows bred to B. & C.'s Col.**
- 5 Sows with Litters by B. & C.'s Col.**
- Choice Spring Gilts and Boars by B. & C.'s Col.**
- 2 Sows by Belle's Chief.**
- 3 Sows by Buddy K. 4th.**
- 2 Extra Fall Boars by McNeil's Model.**

All in fine condition. For catalogue address

Samuel Drybread, Elk City, Kan.

FRED REPERT, Auct. G. W. BERRY, Fieldman.

Purebred Percherons and Mammoth Jacks



At Auction, Rose Hill, Kan, Tuesday, Nov. 12

Four Percheron Stallions (two imported, two home-bred). Two Percheron Mares. Three Mammoth Jacks. One Standard Bred Stallion (Chimes Christo 46295). One Shetland Pony Stallion 3-year-old.



All of the Percherons are eligible to registry in Percheron Society of America and all are of breeding age except one yearling stallion.

These Percheron stallions are large, black drafty fellows and the jacks are also large. Every individual offered, except the yearling stallion is of proven merit as a breeder and has

made good for its present owner. Chimes Christo is a 6-year-old standard bred grandson of Council Chimes, time 2:07. The Percherons are strong in the blood of Brilliant. The Jacks are the kind that will get plenty of service in any locality. Write today for catalogs and full particulars. Address

Auctioneer, Col. J. D. Snyder. Fieldman, A. B. Hunter.

H. C. STALEY, Rose Hill, Kan.

Hildwein Sells Tops

One of Kansas' Top Poland China Herds Offers a Selected Draft In Sale at

**Fairview, Kan.,
Friday, November 1**

**Forty-Five Head
20 Boars—25 Gilts**

sired by Big Look, Long King's Best, Mammoth Ideal, Long's Mastodon 2d and Young Victor out of sows by Expansive, Long's Mogul, Gold Metal, Colossus, Sunflower King, Expansion Chief.

A well grown, top conditioned lot of early spring boars and gilts ready for service and presenting an array of top individuals and a choice variety of the best big type blood lines—get my catalog.

Walter Hildwein, Fairview, Kan.

Col. F. J. Zaun, Auctioneer. C. H. Walker, Fieldman.

JOHN E. WILLS' BIG TYPE Poland China Offering!

**40
HEAD**

**25 Sept. yearling
gilts and 15 ear-
ly spring boars**

**40
HEAD**

Prairie View, Kan., Friday, Nov. 1

GUARANTEE.—My entire herd was vaccinated last season and this with state serum by a representative of the Agricultural College and I guarantee the purchase price of any animal bought in this sale if the animal dies with cholera within six months from the date of purchase.

Prairie View is on the main line of the Rock Island, 12 miles west of Phillipsburg. Mr. Wills will furnish free conveyance from Prairie View or from Logan, which is six miles south of his farm on the Lenora branch of the Missouri Pacific. Free hotel accommodations at both places. The J. H. Hamilton sale at Guide Rock, Neb., is the day following and both sales can be attended conveniently.

The 25 last September gilts that go in this sale are the most desirable lot of young sows that will go in any sale this fall. They are certainly the kind that will bring the money in bred sow sales this winter. The 15 spring boars are the pick of this season's crop of 100 pigs. They are of the strictly big type. They were sired by Chief Logan and Long Mogul. These boars will be on exhibition sale day, as will also the entire herd. Catalogs ready now. Send your name for one at once. Address

JOHN E. WILLS, Prairie View, Kans.

Auctioneers: John Brennen, H. Jaerink.
J. W. Johnson, Fieldman for Farmers Mail and Breeze. Send bids to him.

H. B. MINER'S Sale of Duroc-Jerseys

**A Sale of Tops From One of the
Strong Herds In Southern Nebraska.**

Guide Rock, Neb., Friday, Nov. 8

15 miles west of Superior on the B. & M. and driving distance from Burr Oak on the Mo. Pac. and Esbon on the Rock Island, both Kansas towns just south of Guide Rock.

The only opportunity in that section of the country this fall to buy choice boars and gilts of the best of breeding and individual merit at auction.

The sale is a draft from Mr. Miner's popular herd, 22 spring boars, 20 spring gilts, three Sept. boars and five Sept. gilts make the offering. The spring stuff was sired by Model H. and Crimson Wonder Orion, by Crimson Wonder Again. The fall pigs by Model H. Both boars deserve strong endorsement. Crimson Wonder Orion was bought by Mr. Miner in an eastern sale at a good figure and Model H. is likely the only living son of old Higgins Model and considered by many as great a sire.

The dams of the offering are choice matured sows among which is Rose Banker, Model Girl (by Pearl's Golden Rule), and Model Girl, by Model Chief Again. Sale in Guide Rock. Free hotel accommodations at the Watt Hotel. Catalogs ready Oct. 20. Come or send bids. In either instance you will get the best of treatment.

H. B. MINER, Guide Rock, Neb.

Auctioneers: John Brennen, G. G. Denney
J. W. Johnson, Fieldman Farmers Mail and Breeze.

**J. H. Hamilton & Son's Annual Offering of
Nebraska Type Blue Ribbon**

Poland Chinas!

Guide Rock, Nebraska

**Saturday, November 2nd
Sale in Town**

15 miles west of Superior on the B. & M. Driving distance from Burr Oak and Esbon, both Kansas towns just south of Guide Rock. The sale is the day following John E. Wills' sale at Prairie View, Kan., and both sales can be attended conveniently.

For a number of years the Hamiltons have made a fall and winter sale. This season they are omitting the bred sow sale and putting in this sale their choice gilts which will be sold open and it affords any breeder who needs a few gilts for his bred sow sale a splendid opportunity to buy the best and likely very reasonable.

45 head go in the sale and 25 are boars, all spring farrow but one which is an October boar by Blue Valley Prince that is good enough to go anywhere. 20 gilts, all but five of spring farrow and these five are October yearlings that are as good as will be found in any sale this year. They are by Blue Valley Prince. The 15 spring gilts are choice and are by Blue Valley Prince, Long Boy 2nd. (A Peter Mouw bred boar) and Jumbo, Jr., by Nebraska Jumbo. The best goes in this sale as we will hold no bred sow sale. Catalogs ready to mail now.

J. H. Hamilton & Son, Guide Rock, Neb.

Auctioneers: John Brennen, G. G. Denney.
J. W. Johnson, Fieldman for Farmers Mail and Breeze. (Send bids to Mr. Johnson in our care and they will be treated right.)

BIG BARGAINS IN REAL ESTATE

Dealers whose ads appear in this paper are thoroughly reliable and bargains worthy of consideration.

WRITE J. M. McCown, Emporia, Kansas, special bargain list, farms and ranches.

WRITE for list of improved farms in Central Kan. T. C. Cook, Lost Springs, Kan.

Coffey Co Land. Homeseekers write for list and ex. Andrew Burger, Burlington, Kas.

SNAP, well imp. 1/4, ideal location, 3 ml. McPherson, no trades. Write A. W. Bremyer, McPherson, Kan.

A SNAP—320 acre fine bottom farm 1 1/2 miles town, Osage county, Kansas. \$40 per acre. Watkins Land Co., Quenemo, Kansas.

320 A. smooth mixed land, 100 in cult., not far from the new Santa Fe R. R., \$10 per a. Other bargains. Moore & Falls, Liberal, Kan.

160 A. farm for sale, large house and barn, plenty of water; am left alone and must sell. Address H. H. Cowen, Scranton, Kan.

AGENTS WANTED, to sell Neosho Valley corn and alfalfa lands. \$40.00 to \$60.00 per a. G. W. Clark Land Co., Chetopa, Kan.

192 A., 1/2 ml. Humboldt, Kan., with 100 a. good alfalfa land; 40 a. inoculated; quick cash, \$10,000. F. D. Culver, Humboldt, Kan.

FOR SALE. Good Kaw bottom farms 17 ml. Topeka. Good churches and schools. On U. P. R. R. Jas. McLean, Rossville, Kas.

EVERYBODY'S doing it now. Buying wheat, corn and alf. land at bargain prices. Sale and ex. list free. L. E. Fendleton, Commerce Bldg., Dodge City, Kan.

480 A., fine improvements, \$32,000. 16 ml. Hutchinson. 400 a. improved, Shavon Valley, Barber Co., \$30,000; both alfalfa land. Haines Realty Co., Hutchinson, Kan.

SUMNER COUNTY, KANSAS. The best farms for diversified farming; the very choicest of improved farms. Crops are sure. Write H. H. Stewart, Wellington, Kansas.

WRITE for big printed list of corn and alf. farms in rain belt of Kansas. Biggest list choice farms in state. Kenyon & Holtsman, Concordia, Kan. (Pioneer Kan. farmers.)

FOR SALE: 160 acres 1 mile north of Blaine, Pottawatomie county, Kansas. 90 acres under plow, fair improvements. Price \$8,000, small cash payment and easy terms on balance. W. C. KIELY, Wheaton, Kan.

160 A. Solomon River Val., good 5 r. house, barn 30x40, well and mill. 50 a. alf., 30 a. grass, 3 ml. to market. Price \$50 a. \$1,500 cash, bal. terms. Corn on farm make 50 bu. to a. I. R. ELDRED, Phillipsburg, Kan.

FOR SALE. 160 acres, six miles from Burlington. Stock and grain farm; 90 a. cultivation; 85 a. meadow; well watered; fair improvements; \$8,000; good terms. Write R. S. Magee, No. 521 West St., Topeka, Kan.

FOR SALE—Stock of gen. mdse., will invoice from ten to twelve thousand, first class condition, doing large business, making money, located tributary to Wichita. Owner obliged to sell on account of ill health. Part cash, easy terms on bal. Verne H. Kellogg, Lock Box 374, Wichita, Kan.

200 A. bottom farm near town. 40 a. alfalfa, good impr. \$75 a. Easy terms. FRED A. REED, Salina, Kan.

EMPORIA, KANSAS. Write for list of farm bargains. They are real. Best farms for the money with best school privileges. FRED J. WEGLEY, Emporia, Kan.

80 ACRE home farm, 3 1/2 miles from town, half in cultivation, pasture, alfalfa, good water, four room house, barn, orchard. Price \$3,600.00. No trades. Write for free list. V. E. NIQUETTE, Salina, Kan.

FARMS bought at right prices are a good investment. Send for our booklet containing choice bargains in the corn and alfalfa belt of southeast Kansas. Farms, prices and terms are right. Write for it today. MILLER & SON, Petrolia, Kan.

672 ACRE farm, 8 sets improvements, near Arkansas City, Kan. 65 in alfalfa. Best of terms. Ask about this good farm. 80, 160, 240, 320, 408, 620, all above farms are good prices from \$30 up to \$56 per a. WM. GODBY, Arkansas City, Kan.

LINN CO. EASTERN KAN. Well improved farms, level, fine soil, corn, alfalfa, tame grass belt. Close to school house, church and towns. \$25 to \$75. Write quick for state map, literature, and bargain list. WAIT & DEAN, Blue Mound, Kan.

I HAVE for sale at owners' prices over 300 choice improved farms, all sizes, in Lyon and Coffey counties, Kansas. Fine corn, wheat, alfalfa, timothy and clover. Write for new illustrated descriptive circular; some exchanges. Address ED F. MILNER, Hartford, Kansas.

ALFALFA LANDS \$40 to \$50 ACRE

EAST END OF HODGEMAN COUNTY
Very best bottom land, with running water, some timber. Excellent wheat land at \$20 to \$30 per acre. Come and see or write for list. M. W. PETERSON, Hanston, Kan.

DICKINSON COUNTY BARGAINS

We have many fine river and creek bottom land and also fine upland farms for sale. Good wheat, corn and alfalfa lands at reasonable prices. Write for lists. Mention this paper. BRINEY, PAUTZ & DANFORD, Abilene, Kansas.

For Sale, Cattle and Pawnee Valley Ranch

One of the finest little ranches in Kansas, 1,040 acres, over 1/2 alfalfa or corn land. Nearly all can be plowed. Watered all through. Fenced, mostly stone posts; a beautiful tract. 2 R. R. surveys cross; \$20 net, terms. Can let purchaser have 150 high class Galloway cows and heifers, raised on ranch at bargain, if taken soon. Will sell separately. Plenty of feed, grass and water. Don't lose any time. CHAS H. JACKSON, JETMORE, KANSAS. PHONE TO CAMP WILDERNESS.

IMPROVED 160 a. 3 ml. Parker, 120 in cult., bal. pasture and meadow. Price \$6,800. 80 a. 3 1/2 ml. Parker, house and barn; no waste or rock; all for corn. Bargain at \$4,000. 63 a. of Jonathan apple orchard adjoining Parker. Fine condition, moneymaker at \$7,500. W. C. OLDFIELD, Parker, Kan.

480 A. extra fine soil; all tillable; 300 a. cult.; 150 a. native grass; 20 a. bluegrass and white clover pasture; 6 r. house, barn 52x60; large corn crib; \$55 a. \$10,000 cash, remainder long time 6 per cent. This place is cheap at \$75 per a. Owner says sell. MANSFIELD, Ottawa, Kan.

KINGMAN COUNTY 1500 a. solid body, 500 cult., 300 bot. fair bids, near market; price \$32.50. **KANSAS RANCH** half cash, balance at 5 per cent. John P. Moore Land Co., Kingman, Kan.

SOUTHEAST KANSAS Farm bargain list free. Write Foster Bros., Independence, Kansas. (Est. 1871.)

GOOD SOUTH-CENTRAL KANSAS land to trade for mdse. or hdw. H. C. Whalen, 213 Bittling Bldg., Wichita, Kan.

CORN, WHEAT AND ALFALFA LANDS and stock ranches \$10 to \$15. Also city property. WINONA LAND CO., Winona, Kan.

FOR SALE. Lyon Co., Kan., 200 a. Creek bottom farm. Highly improved. \$60. Write for bargain lists free. J. E. ROMER, Emporia, Kan.

WRITE FOR OUR BARGAIN SHEET of our farm and ranch lands in W. Kansas, also choice farm homes near Wichita, Kan. Kuhlmann Realty Co., Wichita, Kan.

EASTERN KANSAS FARMS. Corn, clover, bluegrass country. Reasonable prices and terms. Some exch. New list free. Kranshaar & Belding, Pleasanton, Kan.

COFFEY COUNTY, KANSAS. In heart of corn and tame grass belt. Farms and ranches \$30 to \$60. List free. LANE & KENT, 3rd St., Burlington, Kan.

BEST SNAP IN KANSAS. 400 acres bottom land finely improved, 1/2 mile town, \$60 per acre. GILE & BONSALL, South Haven, Sumner Co., Kan.

LINN COUNTY. Fine improved farms; natural gas, coal, wood and good water; Adapted to wheat, oats, corn, flax, timothy, clover, bluegrass. Folder free. A. E. ROOT, Pleasanton, Kan.

EASTERN KANSAS FARM BARGAIN. 240 a. 2 1/2 ml. town. 150 a. cult., good orch. bal. grass, all smooth, well imp., good bldgs. close to school, good water, R. F. D., phone. \$50 a. J. C. RAPP & CO., Osage City, Kan.

FRANKLIN COUNTY. 65 a. 4 ml. Ottawa. 50 a. cult., bal. pasture and meadow. House 5 r., basement. Barn and outbldgs. Fine home. Write for list H. H. Coffey Realty Co., Ottawa, Kansas.

LOOK BEFORE YOU LEAP. Come to northeast Kansas, (Marshall and Washington Co.) 75 farms for sale. New list ready and free showing land \$11 to \$125 per acre. Pralle Bros. Realty Co., Bremen, Kan.

BARGAIN. Aren't I a dandy? 80 smooth acres, 8 room 2 story dwelling, large new barn, cave, orchard, usual outbuildings, R. R., tel. 1/2 mile to school, 6 miles out. \$4,200 gets me; look me over. F. C. LIBBY, Blue Mound Linn Co., Kan., J. L. Wilson, Salesman.

ALFALFA AND WHEAT LANDS at \$20 up. Grass lands \$10 up. Crops are good; prices are rapidly advancing—NOW'S the time to buy. List free. A few exchanges considered—they must be gilt edge. WILLIAMS & PICKENS, Meade, Kan.

BIG LAND SACRIFICE. 160 a. desirable level land out 6 miles from Grainfield, every foot best of tillable land; 120 a. broke. Must be sold. Price \$2,200. Terms. Here's your chance for a real bargain. S. J. Baker, Grainfield, Kan.

LINN AND BOURBON CO. FARMS. Biggest bargains in Kan. Corn, wheat, timothy, clover, bluegrass land \$15-\$30. Coal, wood, gas, abundance good water. Fruit, everything that goes to make life pleasant. Large illus. folder free. EBY-CADY REALTY CO., Pleasanton and Ft. Scott, Kan.

TWO FARMS FOR SALE. 80 acres grass land in Butler Co. with new improvements, \$2,800. 40 acres good plow land 8 miles out. 160 acre improved farm in Chase Co., 5 miles out, \$5,600. I can sell these farms with little down. Do not answer unless you mean business. GUSS SCHIMPF, Burns, Marlon Co., Kan.

FINE IMPROVED FARM FOR SALE. 480 acres 2 miles from Humboldt, Kansas, Allen Co., all level, dark loam soil; fine new buildings, free gas for fuel and lights; close to school; good roads to town in German neighborhood. Write for description and pictures. IOLA LAND CO., Iola, Kan.

SNAP. 160 acres, entirely level, all in cultivation, all fenced, three miles Selden, Kan., \$1650. All cash, no trades. C. H. REED, SELDEN, KANS.

FARMS WANTED. We have cash buyers for good farms and ranches. Send us description of your property with lowest price and terms. Globe Realty Co., 325 New Eng. Bldg., Topeka, Kas.

LOOK HERE! 117 a., best little farm in Kansas, 60 bottom, bal. pasture, 25 alfalfa, 45 hog tight, near town, timber, fine water, \$35.00 per a. Ask about this and other bargains. F. D. GREENE, Longton, Kan.

EASTERN COWLEY CO. The cattle and hog man's paradise. Best grass, best water, crop failures unknown quality considered. We have the cheapest lands in Kansas. Farms and ranches. \$20 to \$60 per a. Write me what you want. HOWARD COLLINS, Burden, Kan.

FOR SALE. A choice level 160 acre farm 1 1/2 miles south of Plains; fair improvements, 70 a. in cultivation to be sown to fall wheat. Bal. 90 acres in pasture; on rural route and telephone line. Price \$4,500, terms on \$2,000 for 5 years at 7 per cent int. This is one of the best farms in Meade Co. Get busy. A. T. EDWARDS, Plains, Kansas.

READ THIS. 380 a. impr. stock farm, 5 1/2 ml. of Garnett, Kan., 150 a. in cult., bal. prairie, pasture and mow land. All fenced. Lays well, part good bottom alfalfa land; no overflow; living water, good limestone soil and a bargain at the owner's price \$35 per a. Easy terms. Owner retired. Close to school and church. R. F. D. and phone. No trade. W. L. MORRIS, Owner's Agency, Garnett, Kan.

MRS. AND MISS FARMER. Butter and egg money carefully invested would soon amount to a neat sum. You can buy choice residence and business lots in PLAINS, KANSAS, now at \$17.50 to \$50 on easy monthly payments without interest. Will advance rapidly. It will pay you to investigate. JOHN W. BAUGHMAN, Plains, Kansas, Desk "G."

80 ACRE FARM CLOSE TO CITY. 80 acre farm well improved, 5 ml. N. E. from Coffeyville, Kansas, 60 acres cultivation, 20 acres pasture, 6 room house, barn and other buildings, practically all under woven hog tight wire fence with cross fences, entire farm lays practically level, dark loam soil, price \$4,800, \$8,400 encumbrance due in 3 years at 5% int., balance \$1,400 cash, or would take good clear income property well located in good town for equity. ETCHEN BROS., Coffeyville, Kan.

TWO BIG BARGAINS. 1120 a. Coffey county, 50 ml. south of Topeka, on Santa Fe R. R., 400 a. in cult., 95 per cent tillable; 10-room modern house, big barn, cattle sheds, cribs, granaries, etc.; abundance of fine water. The cheapest ranch in eastern Kan. \$50 per a.; easy terms. 320 acres, Lyon county, 4 ml. to town; 60 a. cult.; 50 a. bottom; 300 a. tillable; fine water; poor improvements. \$35 per a. \$2000 cash, bal. long time. A big bargain on easy terms. Globe Realty Co., 325 New Eng. Bldg., Topeka, Kan.

MANHATTAN BARGAINS Seven acre suburban home, large buildings, adjoins college campus, 80 acres second bottom, modern improvements, near college. For particulars write L. D. ARNOLD, Manhattan, Kan.

For Sale or Trade 40 acres, improved. Gas. Adjoining county seat. High school. Address BOX 135, Eldorado, Kansas.

Five Level Quarters in Southwestern Kansas, \$6.25 an acre up; near new road. Terms. R. C. SPEERS, Ellinwood, Kan.

Giving Away 160 acres 3 1/2 ml. from town. Relinquishment to a homestead. 120 acres perfectly smooth and level, 40 acres broken but splendid pasture. Price \$500. If you have not used your homestead right, don't let this opportunity slip by. You may never have this chance again. COONS & JACOBS, Plains, Meade Co., Kansas.

400 ACRES FOR SALE Two sets of improvements in fair condition; plenty shade trees. 2 good wells, windmills and concrete water tanks; also creek water at each place. 280 a. of bottom alfalfa land and 160 a. of upland (black soil). 200 a. in wheat, 30 a. alfalfa, 60 a. pasture, bal. corn land, all tillable. 2 ml. town. Phone. Level roads. Will sell part or all. Terms on part. Price \$80 per acre. T. F. JOHNSTON, Garfield, Kan.

100 Quarter Sections In Meade County, Kansas

I have the exclusive sale of this land owned by THE WILSON LAND & GRAIN CO., on main line Rock Island R. R., in banner WHEAT and ALFALFA district of SOUTHWEST KANSAS. Some of this land for sale as low as \$25 an acre, depending on improvements. Easy terms—long time. Write for FREE BOOKLET AND MAP showing conditions of crops in EACH COUNTY in Kansas, terms, excursion rates, etc. AGENTS WANTED. B. H. TALLMADGE Topeka, Kan.

MISSOURI.

25 OZARK bottom farms. List free. Write J. H. Wright, Marshfield, Mo.

SIX valley farms. For full information write L. W. Heagy, Dexter, Mo.

20 A. farm \$475. E. Z. terms. Farmers Co-operative Land Co., Mt. View, Mo.

STOP! LISTEN! 80 a. farm \$885, terms. Other farms. McGrath, Mountain View, Mo.

CHOICE Vernon Co. prairie farms. Easy terms. \$20-\$60 a. W. H. Hunt, Schell City, Mo.

40 A. improved farm, \$15.00 per acre. Part time. Summerville Land Co., Summerville, Mo.

FOR FARM BARGAINS in the corn belt, see or write Elliott & Coleman, Pleasant Hill, Mo.

IMPROVED 80 a. in best section of the Ozarks, \$1,500. Others; free information. Demotte Realty Co., Mountain Grove, Mo.

MO. farms, \$25-\$60 a. Prices rapidly advancing. New list and folder free. German community, J. H. Frederick, Cole Camp, Mo.

SEDALIA, Pettis Co. Finest agri., livestock and bluegrass sec. in state. Farms for sale. Morris Bro. R.E. & Loan Co., Sedalia, Mo.

OWN a home in Ozarks; let cows pay for it. For prices on comfortable farm homes write Kindrick Realty Co., Seymour, Mo.

WRITE for list improved farms in heart of Corn Belt (Northwest part of State), H. J. Hughes, Trenton, Missouri. Seller of Missouri Black Dirt.

8,080 ACRE stock ranch for half its value for quick sale; for further information address owner, A. J. Johnston, Merchants Nat'l Bank Bldg., Springfield, Mo.

TIMBERED lands \$6 to \$20; Valley farms \$25 to \$50; orchard and berry farms \$40 up. Water and climate unexcelled. Literature free. Anderson R. E. Co., Anderson, Mo.

CARROLL county, Mo., has more home money than any county in Missouri; raises more corn, wheat, oats, bluegrass than any county in the state. For information write H. C. Butts Land Co., Carrollton, Mo.

360 A. 10 ml. railroad, 3 ml. inland town, 180 acres in cultivation, 100 a. bottom, bal. timber, pasture, 8 room frame house, barn 40x60, woven wire fences, 120 ton silo, plenty water, grass and fruit. Phone. Improvements and neighborhood good. \$27.50 per acre. R. W. HEDRICK, Cole Camp, Mo.

WANTED—One hundred buyers for Bates county deep dark loam corn and bluegrass farms, on easy terms. 69 ml. south of Kansas City. Free lists. BOWMAN & WILLIAMS, Amoret, Mo.

POLK CO., 160 a., highly imp., valley, bluegrass; 90 in cult., bal. in timber. \$25 per a. \$1,500 down, bal. 5%. If sold quick. KING & COON, Flemington, Mo.

174 ACRES near town, 115 cultivation, balance timber, good apple orchard, good house, barn, other buildings, \$3,500. 135 acres three miles town, near school and church, 80 acres cultivation, orchard, 5 room house, all fenced, \$2,750. A. P. COTTRELL LAND CO., Pomona, Howell Co., Mo.

MISSOURI FARMS. Write Folk Co. Land Inv. Co., Bolivar, Mo. Rare bargains in S. W. Mo. lands; sale or ex.

OZARK MTS., THE BEST. We have thousands of homes for you at reasonable prices and good terms. Come at once or send for list. OZARK REAL ESTATE CO., Ava, Mo.

S. E. MISSOURI CUT-OVER DITCHED LANDS. Also a few bargains in improved river bottom farms with some upland; well located to best farm product market in state. Write T. W. DOHERTY, Owner, Poplar Bluff, Mo.

Make Butter—Make Money 470 acres improved, 6 ml. of county seat. Good water, climate, grass and soil. Telephone, free mail delivery. On public road. Price \$30 per acre. Terms. You can't beat this for the money. See or write G. S. MITCHELL, Owner, 703 S. Grant St., Springfield, Mo.

Attention Farmers

If you want a home in a mild and healthy climate, where the waters are pure and the soils productive, where fruits, grains, grasses and vegetables grow in abundance, and where land can be bought at reasonable prices, write us for full information concerning southwest Missouri. SPRINGFIELD LAND & IMMIGRATION CO., Springfield, Missouri.

WANT FARM

First class stock of dry goods, shoes, and groceries. In good county seat, railroad town of 1000 people, in southwest Missouri. Stock is mostly new and is absolutely not junk. Amount about \$10,000. Will exchange for farm of equal value. H. B. WANN REALTY CO., 205 N. Campbell St., Springfield, Mo.

IDAHO

FOR HIGH CLASS IRRIGATED LAND with plenty of water, lava ash soil and an ideal climate, good fruit, grain and dairy country, address THE STILSON-BLODGETT LAND CO., Gooding, Idaho.

OKLAHOMA

EASTERN OKLAHOMA farms for sale by owner. Write W. A. Hancock, Pryor, Okla.

N. E. OKLA. prairie farms. Easy payments. Write J. T. Ragán, Vinita, Okla.

INDIAN LANDS eastern Okla. rain belt. Write J. J. Harrison, Pryor, Okla.

N. E. OKLAHOMA, corn, wheat, oats, clover, timothy and alfalfa lands. New-comer & DeLozier, Adair, Okla.

EASTERN Okla. corn, alfalfa, wheat and fruit farms, \$10 to \$50 per a. Write Ebby & Harrison Bros., Ada, Okla.

12 IMPROVED farms near Okla. City. For prices, write Ross E. Thomas & Sons, 217 Colcord Bldg., Oklahoma City, Okla.

160 A. two ml, R. R. town, seven ml. of Co. seat, \$40 per a. Good four room house, 120 a. in cult., easy terms. J. H. Fuss, the Land Man, Medford, Okla.

BARGAIN IN KAY CO. 240 a. smooth black land, 5 ml. market, imp., good water, price \$27 a. \$2,000 cash, bal. terms. Write Stevens-Cronan Realty Co., Newkirk, Okla.

140 A. all tillable, mostly bottom, 3 ml. McAlester, city 15,000. 40 a. cult., balance meadow. Fair imp. Incumbrance \$1,800. 6% Price \$5,000. Terms. 60 a. 2 ml. McAlester. Fair imp. 30 a. cult. Good orchard. \$32 per a. SOUTHERN REALTY CO., McAlester, Okla.

FREE—Loose Leaf Exchange Book. It will match your trade. Write Desk A. E. P. JOHNSON, Ordway, Colo.

10,000 ACRES choice improved farm land, 5,000 acres raw land. I own these and will sell on easy terms. For list write L. R. KERSHAW, Muskogee, Okla.

RIGHT NOW is the time to get a bargain in Oklahoma land. Better crops, better terms and lower prices than any part of Okla. Send for my Free Book. PERRY DEFORD, Oakwood, Okla.

40 ACRES about one mile from Thomasville, Okla.; R. R. town, lies well, unimproved, all in timber and grass, perfect title, price \$5.00 per acre, terms. W. F. COLNOR, Heavener, Oklahoma.

ALFALFA, broomcorn and wheat land, 160 a. 3 ml. of market, 100 a. in cult., near by all tillable, living water, 3,000 catalpa trees. Owner is non-resident and offers sacrifice for cash. Price \$4,500, \$2,000 6 per cent loan due in 3 yrs. Write us for bargains in sales and exchanges. THOMAS-GODFREY, Fairview, Okla.

POCKET MAP OF OKLAHOMA for five names of persons intending to change. Caddo county corn and alfalfa land. BALDWIN & GIBBS CO., Anadarko, Okla.

WOODWARD COUNTY, OKLAHOMA. Good land \$15-\$35, advancing every day, shallow water, excellent crops, awarded world's prize last year. Write for lit., price Est. Gaston Bros. Realty Co., Woodward, Ok.

TO ACTUAL FARMERS. Come and see me if you want to own a home farm of good land, deep soil, no rock, no hardpan, 42 inch rainfall, \$30 to \$40 per acre; long time; easy terms. No trades. CHAS. WHITAKER, Eufaula, (Eastern) Okla.

Large List of Farms Very productive, good climate, fine fruit. Give particulars of what you want and write for list of farms. CROWDER REAL ESTATE CO., Crowder, Okla.

Oklahoma Wants You 500 choice farms for sale. Titles good. Easy terms. Soil and climate excellent. Write for list. Roberts Realty Co., Nowata, Okla.

GET A FARM ON PAYMENTS Oklahoma farm lands to actual settlers on time payments with or without any cash. List of 120 farms to select from. Write for list and prices. JOSEPH F. LOCKE, Wynnewood, Okla.

Eastern Oklahoma Land \$3.00 to \$25.00 per a. Prices are steadily advancing—now is the time to buy. If you want a good, cheap home, or a money making investment, write to or call on W. T. HARDY, McAlester, Okla.

AMERICAN REALTY CO. Are offering Splendid Bargains in Stock and Grain Farms. Our Specialties—Impr. ALFALFA, Fruit and Poultry Farms. We have the Farms they all want, fine location, near towns, good schools, and churches, fine climate; excellent water. Send for lists, then see for yourself. 304-6 Surety Bldg., Muskogee, Okla.

COLORADO

BEAUTIFUL Irr. farms, fruit, sugar beets, grain, alfalfa. Ordway Land Co., Ordway, Colo.

FOR choice Irr. farms near Loveland, Colo., write Arthur H. Goddard, Loveland, Colo.

3,800 ACRES improved, all perfectly level good farm land, \$15 per a. Will divide. Owner, W. B. McNichols, Yuma, Colo.

320 ACRES, close to Denver, \$3,200; all fine sandy loam soil, fenced. L. A. Cobb Inv. Co., 242 Century Bldg., Denver, Colo.

YUMA CO., Colorado, corn and wheat land—best in E. Colo. Also good trades. No junk. Yuma Co. R. E. Co., Wray, Colo.

960 ACRES, Elber Co., no failures, land in same vicinity produced 60 bu. oats, 30 bu. wheat this season; smooth prairie land \$12.50 per acre. Will subdivide. FRANCIS JAMES, 1734 Welton St., Denver, Colo.

WASHINGTON CO. HOMESTEAD relinquishments produce best yields of wheat, oats, corn, potatoes and alfalfa of any Co. in E. Colorado. Have some choice ones, \$500 up. Write CHAS. E. PURDY, Akron, Colo.

COME, see our stacks alfalfa 5 tons per a. Sugar beets 18 tons, small grain out of sight. Near Pueblo, seven sugar factories. At our prices you can't help but buy. Crops pay out in a few years. Developed income farms, old water rights. Solid alfalfa. KEEN BROS., Pueblo, Colo.

COLORADO

\$70 AN ACRE and up to \$100 an acre for irrigated farms in the Greeley District of Colorado. 9 farms in the Famous Sterling Ranch thrown on market at these prices for ONE MONTH ONLY. This price INCLUDES WATER VALUED AT \$40 an acre. Write for particulars. THE HOLLAND FARMS CO., 2 Chamber of Commerce, Denver, Colo.

FREE illustrated literature describing eastern Colorado lands where all staples grow to perfection. Prices low; terms easy. E. F. SCHLOTE, Flagler, Colo.

GOLDEN opportunities for a home and investments—NOW. Fine farms, ranches, \$5 to \$10 per a. A few relinquishments. Did you see "bleeding, aims-receiving Kansas"? Only become the wealthiest state per capita? Only a few hours' west of Salina, no finer soil on earth; 50 schools, 4 banks, churches, best of Colorado. Now. Pamphlet. R. T. CLINE, Towner, Colo.

TEN 160 ACRE FARMS situated 20 miles east of Denver. Virgin alluvial sandy loam soil. Running water; many fine shades—some fine bottom land. All good tillable land. Adjoining farms have threshed 20 bushels wheat and 40 bushels oats per acre. Corn is very fine. Close to railroad. 20 miles from Denver. Good roads; handy to school. Price \$25 per acre. Terms. Write for map and circular.

THE STEWART REALTY COMPANY, 704 1st Nat'l Bank Bldg., Denver, Colo.

EASTERN COLORADO. Rich, level, corn, wheat and alfalfa land \$10 to \$30 per a. Write to or call on G. W. DINGMAN, Stratton, Colo.

HOMESTEAD RELINQUISHMENTS. 320 a. from \$200 up. Deeded lands, \$8.00 to \$15.00 per acre. One crop more than pays for the land. Descriptive folder and copy of the NEW HOMESTEAD LAW FREE. T. J. McNEVIN, Wild Horse, Colo.

CHEAP LAND and homestead relinquishments in Kiowa Co., Colo. Government only requires 3 yrs. residence now with 5 mo. yearly absence. Deed land \$6 to \$25 per a. Write for full information. Chas. M. Stark, Eads, Colo.

EASTERN COLORADO offers unsurpassed opportunities for home seeker or investor. Can furnish lands in any size tracts at lowest prices; stock ranches a specialty. Write for free county map and des. matter. F. E. EWING, Hugo, Colo.

A FEW SNAPS FOR CASH. Excellent alfalfa farm, one-fourth seeded, near shipping point, \$35 per acre. 120 acres alfalfa and potato land, under good ditch, \$25 per acre. Cattle ranch, will keep 500 cattle, \$10,000.00. Several one thousand to ten thousand acre ranches. Many small farms. Write us. SHIELDS-BEGGS LAND CO., Fort Morgan, Colo.

COLUMBIA

FREE INFORMATION About fruit and alfalfa land in British Columbia, a small monthly payments. Finest climate and richest land in the world. Address Lock Box 341, Limon, Colo.

GEORGIA

FOR SALE—2 large apple and peach orchards. Located in famous Georgia Peach belt. For particulars address C. S. PERRY, 1722 St. Elmo Ave., Chattanooga, Tenn.

CANADA

OWN YOUR HOME in Canada. Buy a farm in Sunny Southern Alberta, any size, easy terms. Climate ideal, soil unequaled, no crop failures, no personal tax. Write today. Lynn W. Barrett, Aldersyde, Alberta.

TENNESSEE

BUY RICH, fertile, alluvial lands now in Sunny Southland. Big income payers. These lands will make you rich. MCKINNEY LAND CO., 78 N. Main, Memphis, Tenn.

NEBRASKA

IF YOU want to buy Southwest Nebraska land at \$10 to \$30 per a., write or see A. T. Cowings, Benkelman, Neb.

IF YOU want to buy Irr. or unirr. land at low prices on good terms, write or see J. M. Crews, Culbertson, Neb.

GOOD level land, for stock raising and gen'l farming, \$10 to \$20 per a. List free. Haigler R. E. Co., Haigler, Neb.

ALFALFA FARM ADJOINING TOWN. 1,040 a. alf. and hay ranch; 100 alf., 300 more suitable; 500 hay meadow; adjoining R. R. town; highly impr. \$40 a. Other bargains. WILL C. ISRAEL, Benkelman, Neb.

FLORIDA

CENTRAL Florida

offers the best year around climate; the greatest earnings from the soil; the best opportunities for investment either for a home or for speculation; has the lowest death rate and the least sickness; is enjoying more rapid development and greater increase in population than any other section of America. We handle everything in the line of real estate. Can sell you lands from 10 acres to 50,000 acres; orange groves, timber lands, grazing lands and city property. Let us know your needs. Write for lists.

Howard-Packard Land Co. Sanford, Florida.

FOR SALE OR EXCHANGE

GROCERIES and merchandise for farm. Other trades. F. Gass, Joplin, Mo.

BUTLER CO. farms for sale or exchange. For list write J. C. Hoyt, Eldorado, Kan.

WRITE for lists, sale or exchange. The Eastern Kan. Land Co., Quenemo, Kan.

BUY OR TRADE WITH US—Exchange book free. Bersie Agency, Eldorado, Kan.

FREE lists of Ark. fruit, grain or stock farms and exchs. Star Land Co., Gentry, Ark.

EXCHANGES, all kinds, everywhere. What have you? Overlin & Co., California, Mo.

For a square deal in trades, any kind, any location, write Buxton Land Co., Utica, Kas.

600 FARMS and other prop. for sale or ex. Blackwell Real Estate Co., Blackwell, Okla.

IF YOU have anything to sell or trade, write for bargains in land. Triplett Land Co., Garnett, Kan.

ANDERSON COUNTY farms for sale or trade. Write for descriptions. Iler & Simmons, Garnett, Kan.

HAVE YOU any property to trade as part payment on land? I have 1,000 acres to sell. A. S. Prather, Plains, Kan.

FOR SALE OR EXCHANGE—List your farms and city property with Geo. R. Rinebarger, Real Estate, Eldorado, Kan.

WE BUY, sell, exchange anything, anywhere of value. Ozark Co-operative Realty Co., Willow Springs, Howell Co., Mo.

BOOK 1,000 farms, etc., everywhere, for ex. Get our fair plan of making quick square trades. Graham Bros., Eldorado, Kan.

CAN GET YOU CASH for your property or an exchange no matter where located. Great Western Realty Co., Gallatin, Mo.

ISELL FARMS, or ex. for K. C. property. Send complete description of what you have or want. M. F. Simmons, Kansas City, Mo.

FARM BARGAINS—In western Missouri, eastern Kansas and Arkansas. Send for descriptive literature. T. S. Wilson, Hume, Mo.

GET OUT of business and rest a while. Let me trade the business for land. I can do it. Write me. Harry Porter, Quinter, Kan.

FOR SALE OR EXCHANGE: E. Kan. farms, Western lands, city prop., and stocks of general mdse. Write today. State what you have. W. C. Klely, Wheaton, Kan.

TOUCH a live wire. Our Red Letter Special will trade your property. List today. Guaranteed deal. Write for particulars. Midwest Realty Exchange, Riverton, Neb.

WELL imp. and level 160 a. 3 ml. Independence, Kan., \$75 per a. Exchange for N. Kansas or Cen. Mo. farm. Good exchanges free. Foster Bros., Independence, Kansas.

WOULD you trade your farm; city residence; rental property; mdse.; hotel; auto; steam plow or other property for good land? Write Kysar Realty Co., Goodland, Kansas.

FOR FREE information about Republic Co. corn, wheat and alfalfa lands, write me; also Decatur Co. lands. Prices and terms right. Some ex. Jesse A. Simpson, Scandia, Kan.

FARM BARGAINS—Good Anderson county, Kansas, farms at bargain prices; farms to exchange for merchandise or rental property. Four Square Land Office, Colony, Kan.

200 BARREL flour mill, good condition, in Kansas wheat belt, sale or trade for land or merchandise. Also farms, rancher mdse., stocks for sale or trade. GEO. HUNDERT-MARK, La Crosse, Kan.

STORE, stock general mdse., mill and elevator and residence in E. Kansas, \$14,500. Want W. Kansas ranch. 3 room modern residence Kansas City, south side, \$5,000. Want small farm for equity. Shaw & McCulliston, 910 Grand Temple, Kansas City, Mo.

240 A. 2 miles from Snyder, Colo. All under Riverside Canal—lays perfect for irrigation, best of soil. 100 acres fine alfalfa. Owner wants Eastern Kansas or Nebr. land or choice income property. Price \$75 per a. clear. SHANHOLTZER BROS., Brush, Colo.

FOR SALE—Choice wheat, corn, and alfalfa lands, in Clark, Ford, and Meade Cos. Write for list, trades. NATE NEAL, Real Estate, Minneola, Kan.

TO SELL OR TRADE. An ideal dairy and stock farm 2 miles of city, also 1/2 or the entire interest in a good business in a good city in Kans. J. M. MASON, Columbus, Kans.

FOR A QUICK SALE or exchange of real estate, address FRED J. HALL, Eldorado, Kan.

FARM BARGAINS For sale or exchange, any size, price or where. We can match any trade. LATHAM & DORR, Wichita, Kansas.

WANT TO RETIRE. Will sell my 1,640 acre ranch all stocked, everything in first class shape, 320 irrigated (house modern), would accept small place as part payment and one half the crops and one-half increase of stock until paid for. State what you have to buy with, enclose stamp. C. F. FAX, Haigler, Dundy Co., Neb.

FOR EXCHANGE. 320 a. creek bottom, alfalfa land, impr., 225 a. in cult., 5 ml. county seat, near school. Address W. J. Williams, Wakeeney, Kan.

MONEY-MAKERS AND GOOD HOMES. Lands in Oklahoma, Texas and Kansas for sale. Also city property and stocks of merchandise to exchange. List free. JABEZ F. BRADSHAW, Lenexa, Kan.

ANOTHER OPPORTUNITY—GRAB IT! 225 a. 4 ml. Co. seat, 90 per cent black, 80 per cent ready for plow. Fenced, drained; some good timber. \$40 a., sale or ex. Write for list of bargains. J. C. Schofield, Edna, Tex.

FARM BARGAINS. Farms, ranches, city property and merchandise; for sale or exchange, any size, any price, anywhere. Write for large free list. SEWELL LAND CO., Garnett, Kan.

160 ACRES FINE IRRIGATED FARM Fair improvements; 20 acres in alfalfa; all under ditch except 8 acres; farm clear. State fully what you have and price in first letter. CHAS. D. GORHAM, Garden City, Kan.

LAND FOR SALE AND EXCHANGE, in famous corn, wheat, alf., timothy, clover and bluegrass country in N. E. Kan. Exchanges a specialty. Send for list. Compton & Royer, Valley Falls, Jefferson Co., Kan.

TO TRADE FOR MDSE. 160 a. 5 ml. of Parsons; 125 a. in cult. Good 6 room house. Price \$75 per a. Inc. \$3,000. Can match any kind of mdse. deal. Ask for our new list. OWNERS SALE & EXCHANGE, Independence, Kan.

400 A. COLO. GRAIN AND DAIRY, CHEAP. 4 ml. county seat, Yuma county, 180 a. broke, 300 tillable; fine corn and wheat land, mostly fenced. Well and windmill; house and barn poor. Want clear income, livestock or cash. Price \$20. Loan \$2,000. E. L. PALMER, Laird, Colo.

FOR EXCHANGE. Improved 160 acres, bottom land in Allen Co., Kansas, worth \$12,000.00, will exchange for mdse. or hdw. in North Missouri, Ill., or East Iowa. Also good 200 acres and 80 acres at a bargain for cash, easy terms, good homes and fine land. Write for fuller description if interested. WILSON & RESSEL, Colony, Kan.

FOR SALE OR TRADE. 720 a., 1/2 bottom, all in high state of cultivation; most all in timothy, clover and alfalfa; large dwelling and barn, all new and well painted; well fenced. No better stock farm in Kansas. 16 ml. Topeka, 3 ml. R. R. station. Price is right. BLACK-HOOK & CO., Topeka.

GOOD LAND NEAR LIBERAL FOR DRY GOODS. Good smooth half section wheat land, dark loam, 11 miles from county seat, near school and church, fine neighborhood, \$6,400. Mtg. \$2,000. Also a single quarter 10 miles Liberal, all smooth wheat land in cult. and leased for wheat. German tenant, \$4,000. Mtg. \$700. Will trade \$7,500 equities for good stock dry goods in good town. No objection to some groceries. Don't offer trading stocks, want legitimate proposition. BOX 66, Liberal, Kansas.

160 ACRES VALLEY LAND. I own 160 acres valley land in Bourbon Co., Kan., improved, timothy, clover, alfalfa and corn land, located in a fine neighborhood, price \$12,000. Incumbrance \$3,000 6% due in 1920. Will take small farm or some town property on the sale. This is a nice farm. 327 acres in Garfield Co., Okla., improved, fine wheat farm, price \$17,500. Mortgaged for \$6,000. Want to exchange for 160 acres. This is in a fine country. H. CLAY BOW-SHER, 4050 Broadway, Kansas City, Mo.

For Sale or Exchange Good rich tillable land in Oklahoma. R. T. WRAY & CO., Tyrone, Okla.

For Sale or Exchange Land in the great corn belt of Missouri, Kansas and Nebraska. Also Ranches. If you wish to make an exchange address M. E. NOBLE & SON, 507 Corby-Forssee Bldg., St. Joseph, Mo.

FOR EXCHANGE We own 3,000 acres of the highest class Fruit and Vegetable land in the State of Florida, south central part, between two good towns, on railroad, will exchange any part of above for clear farms or city income property. CRAMER & BROWN, Box 672, Wichita, Kan.

Investor Do you want to purchase or trade for land the grows big corn and 7 crops of alfalfa per annum? If you do, call on or write W. E. WILSON, Walters, Okla.

Live in the Best Town I will exchange my \$3,500 equity in a \$6,000 residence in K. C., Mo., for equal value in land. Six rooms, strictly modern from basement to attic. Oak floors. In best location. Fine condition. Rented until March 1st for \$40.00 per month. Give full description in first letter. Address W. S. H., 221 Clay St., Topeka, Kansas.

Fruit Ranch to trade for wheat land a 8 a fruit ranch 1/2 ml. from Pallsade in Grand Valley, Colo. This ranch is well set to bearing trees and vines, has good house, barn, and packing house. Price, \$10,000. Will take one-half wheat land in Central or W. Kan., or good rental property in good Kan. or Neb. town. Ranch will make an ideal home for some one with weak lungs. TICE BROTHERS, BELCOT, KANSAS.

Form a Quail Protective Club

(Continued from Page 11.)

after sunset. Not more than 12 quail may be killed in one calendar day by one person.

If the coming legislature wants to do a real service for Kansas let it prohibit quail shooting entirely for a period of five years. That would be a mighty good proposition to talk over with your candidate.

TenEyck's Replies

(Continued from Page 10.)

of soda or dried blood, and you can apply nitrogen and organic matter cheaper by manuring, green manuring or rotating with leguminous crops.

The plan you propose of subsoiling 4 inches below the bottom of a 6-inch furrow may give good results with corn in your heavy soil, if the work is done early in the fall, so that the soil may settle and fill with moisture.

A. M. TenEyck.

What Breeders Are Doing.

(Continued from Page 34.)

regarded by Mr. Hanna, her importer, as the heaviest milking cow of the pronounced beef type he ever knew) and a great breeder, being the dam of Mr. Stodder's noted bull Captain Archer the full brother of Pride of Collynie.

Duroc Offering From Great Herd.

The sale of Duroc-Jerseys by Lant Brothers of Dennis, Kan. (formerly located at Cherryvale, Kan.), consists of an offering from one of the best breeding herds the writer has had the opportunity of seeing.

and Buddy K. IV. The offering represents such dams as Model Queen, the dam of Ladore Wonder; Varlet Maid, a great sow, by the champion Tip Top Notcher; inventor's Pearl, by the Illinois champion, inventor; Wonder's Model Girl, by the Iowa and Illinois champion, Red Wonder, and others by Ladore Wonder or Ohio Kant Be Beat.

B. & C's Col. Durocs.

The sale of Duroc-Jerseys announced by Samuel Drybread to be held at Star Breeding Farm, Elk City, Kan., is an opportunity that breeders who are interested in the best blood lines and the highest type of the breed should not neglect.

Iowa and Illinois.

BY H. W. GRAHAM.

Leonard's Shropshire Rams and Bred Ewes.

Attention is called to the change in the reading of the advertisement of Daniel Leonard & Sons, Corning, Iowa. This firm is one of the oldest, in fact the oldest, in the sheep business in the West.

Iowa

GRANT GAINES.

Big Knox of Knoxville.

It is a great honor to win a championship at the great Iowa State Fair. It is a distinction to be proud of, and it must be a good hog that gets such an honor.

H. D. DeKalb's Big Sale.

At Council Bluffs, Iowa, on November 14, Mr. H. D. DeKalb, DeKalb, Iowa, will hold one of the biggest hog sales of the season.

as the breed affords, and some of the sows are 800 pound sows. There is not a poor back or a wrinkled coat in the offering.

TEXAS.

FREE ILLUSTRATED literature describing land in the famous Texas mid-coast country. Smith Diebel Land Co., Victoria, Tex.

TEXAS GULF COAST LANDS—\$7,000 a. of the best to sell to actual settlers. Write today. A. B. Armstrong, Guthrie, Okla.

WRITE FOR FREE literature describing choice lands in the Eagle Lake district. Send your name today. Fidelity Immigration Co., Eagle Lake, Tex.

CHEAP LANDS. Big crops. Big bargains. Big country. Wheat yielding 20-40 bu. Best lands at lowest prices. Join the excursion. Come with the crowd. Write for par. J. N. JOHNSON LAND CO., Dalhart, Tex.

580 ACRES FOR SALE. Will take in some draft brood mares. EAGLE LAKE INV. CO., Eagle Lake, Tex.

LAND FOR SALE IN TEXAS. One tract of 19,000 acres at \$8 per acre. Smaller farms and ranches. Write W. B. ODOM, Hondo, Texas.

SHALLOW WATER BELT. Would alfalfa paying \$75 per a, look good to you? 75,000 a. sold past 90 days. Price \$15 up. Investigate. Buyers wanted. WHITE BROS., Plainview, Texas.

BRAZORIA COUNTY, TEXAS. 1,000 acres, sandy loam, prairie land, well drained; very fertile. Price \$20.00 per acre. Terms. Write me for bargains, any size tract. W. D. GRAHAM, Velasco, Tex.

LAND BARGAINS IN THE SUNNY SOUTH. Farms, ranches, timber lands, colonization tracts. Beautiful illustrated descriptive booklet, Texas map, and land list FREE. GREENFIELD REALTY COMPANY, Southwestern Life Bldg., Dallas, Texas.

PROFITS IN GULF COAST LAND. Wonderful production, large increase in value, an attractive home. Get our Free Booklets, "The Road to Prosperity" and "A Pointer on Where to Buy Land."

BARGAINS IN TEXAS LAND. 112,000 A. imp. sheep ranch, per a. \$3.00. 30,000 a. grass land, fenced, well watered, per a. \$3.00; 48,000 a. grass land well imp. per a. \$4.00; 10,000 a. suitable colonization, artesian well adjoining, per a. \$10.00.

LOUISIANA.

NORTH LOUISIANA railroad land, best in U. S. Low prices, 15 years' time. Write for literature. Hugo Jacobson, Salina, Kan., Immigration Agt.

Ruston, Louisiana

is the best place for a tenant farmer that only has a little money to own a farm. Rich fertile soil—Ample rainfall.

Healthy Climate

Two crops a year—Good markets. \$10.00 to \$25.00 an acre, easy terms. No floods, mosquitoes or swamps. Write for illustrated literature. NORTH LOUISIANA REALTY & INV. CO. RUSTON, LOUISIANA.

There is Lots of Louisiana Land That Will Produce Three Times Its Cost Every Year

Louisiana is in a class by itself. For rich land, big crops, low prices. It makes no difference if you are rich or poor, an owner or tenant, where you live, or what you are interested in, Louisiana offers you more opportunities, more show to get ahead, bigger returns for your work and investment, than any other section on the North American continent, barring none.

We have soil here that is so rich it could be used to fertilize your northern farm. We can raise the biggest kind of crops of corn and alfalfa; fatten hogs and cattle for half the money it costs in North or Middle West, and this land can be bought from \$10.00 to \$25.00 per acre.

We have issued a nice illustrated booklet with a number of fine photo engravings showing the splendid growing crops of this country. It tells FACTS in big letters about this section in a simple and a plain way. It is free to you just for the asking. Every farmer should read this book for the information undoubtedly will prove to be of great value to you; it probably will give you the opportunity of making an investment, the best you ever made in all your life.

COOK-ALEXANDER LAND CO., Alexandria, Louisiana.

NEW YORK.

THIS FARM must go; stock, tools, hay and straw thrown in to quick buyer. 140 acres, 12 room two-story house; 2 barns 40x45, 36x40 granary, hen house, hog house, milk house, fruit, 4 ml. from good town; 1/2 mile to school. R. F. D., phone. Will include to quick buyer 1 pair horses, 8 cows, two year-old colts, heavy wagon, mower, rake, reaper, grain, drill, sulky plow, harrow, 100 hens, 25 tons hay, four tons straw, \$3,500. \$2,000 cash. HALL'S FARM AGENCY, 1300 Lake St., Elmira, N. Y.

ARKANSAS

GOOD corn and rice land. Cheap. Easy terms. See W. P. Cook, Brinkley, Ark.

520 ACRES improved. \$2,500. Terms. Other lands. F. E. Jones, Mammoth Springs, Ark.

GET our booklet "Arkansas Farm Lands." Holman Real Estate Co., Little Rock, Ark.

FREE information about Ark. general farming, fruit or stock raising land, at low prices. Virgil J. May, Booneville, Ark.

ARKANSAS RIVER BOTTOM plantations, virgin timber lands, small farms. Send for list. Dumas Realty Co., Dumas, Ark.

RED RIVER corn and alfalfa farms; \$20 to \$50 per acre; income \$50 to \$80 per acre. List free. L. A. JUSTUS, Foreman, Ark.

YAZOO-DELTA Black Alluv. lands. Upland farms Ark., Miss. and La. Gulf Coast truck farms. Galbreath Bros., Memphis, Tenn.

SNAP; 90 a. N. W. Ark., all till., 12 a. timber, fine 10 a. apple orch., 5 r. house, good barn; \$4,800. Gerard & Beymer, N. Y. Life, K. C., Mo.

520 ACRE FARM, one-third cultivation. 6 room house, nice soil and productive. Price \$8 per a. Terms. Polk Real Estate Co., Little Rock, Ark.

DO YOU want a farm in Arkansas? If so, write for my illustrated book. Imp. and unimp. prairie, timber and rice lands. Write me today. Olaf H. Kyser, Stuttgart, Ark.

BARGAINS in improved and unimproved corn and alfalfa farms, in the great St. Francis Valley, Mississippi county, N. E. Ark. Blytheville Realty Co., Blytheville, Ark.

CORN, FRUIT, ranch and wheat lands; sandy loam soil; \$10 to \$25 per a. On good terms. Write for new list, mailed free upon request. Mansfield Realty Co., Mansfield, Ark.

IF INTERESTED in N. E. Arkansas farm and timber lands, write for list. F. M. MESSER, Walnut Ridge, Ark.

80 A., 60 in cult., 1 1/2 ml. of Judsonia; 18 a. berries, 5 room house, large barn, sandy loam soil. Spring water. R. F. D. Tel. Price \$4,500. Easy terms. WITT REALTY CO., Judsonia, Ark.

320 ACRES alfalfa black land, 225 cleared and fenced; bal. timbered; soil 15 ft. deep; all tillable; on public road 5 ml. from town. \$3,000 down, bal. easy. ROBERT SESSIONS, Winthrop, Ark.

IF YOU WANT TO BUY ARKANSAS LAND Write S. C. Dowell, Walnut Ridge, Ark. Finest farming, timbered and rice lands in the state at lowest prices. No trades.

\$60 DOWN BUYS A 40 ACRE FARM in rain and corn belt of Arkansas. Write for free map and list. Leavitt Land Co., 210 W. 2nd St., Little Rock, Ark.

500 A., 250 IN CULTIVATION, 3 nice dwellings, 12 tenant houses, large barns, farm adjoins Gould, Ark. Price \$29 per a. Terms. See W. O. Harkley, Dumas, Ark.

MISS., ARK., AND LA. FARMS in the Mississippi Valley are the best and cheapest. Write for list. No trades. HURST TRUST CO., Memphis, Tenn.

A REMARKABLE BARGAIN. 623 ACRES; good 8 room residence; two tenant houses; 130 a. cultivation; 2 ml. railroad town. No wash land. Price \$10 per a. Other lands. R. C. THOMAS, Magnolia, Ark.

ARKANSAS LAND. 17,000 acres, all tillable, no rock or hills, for sale in small farms, Grant county, \$1.50 per acre cash, balance 20 years at 6 per cent. Can employ 60 men and teams. E. T. TETER & CO., 210 W. 2nd St., Little Rock, Ark.

2,000 ARKANSAS FARMS for sale. Write us for special map of Arkansas and descriptions and prices of farm lands. Booklets and literature sent free to any address. Largest land dealers in Arkansas. McMahon Realty Co., 219 West Markham St., Little Rock, Ark.

Scott County, Arkansas where land values are steadily advancing. Prices range from \$10.00 an acre up. Fine for fruit, stock raising and general farming. Get our new list. Mail free upon request. SANFORD & SANFORD, Waldron, Ark.

For Sale in Southwest Arkansas 80 improved farms at a price ranging from \$15.00 to \$40.00 per acre. Write for literature. SOUTHERN REALTY & TRUST COMPANY, Ashdown, Arkansas.

\$1.50 Per Acre Down BALANCE 20 YEARS AT 6 PER CENT. To close out the Frank Kendall Estate we will offer 20,000 acres of very fine agricultural cut-over lands located 2 to 10 miles of Pine Bluff, a city of more than 25,000 population. Fine climate. No cold winters; 48 inches rainfall per year. Good schools and churches. These lands are selling rapidly at \$15 per acre. See or write FRANK KENDALL LUMBER CO., Pine Bluff, Ark.

Sixty Dollars down buys forty acres. Balance in twenty years 6% annual interest. Cut-over land, gently rolling, nearly level. Good water, good health. Fifty work for you and teams while improving farms. Sold twenty thousand acres last year. Twenty-five thousand acres left. \$12.50 per acre on above terms.

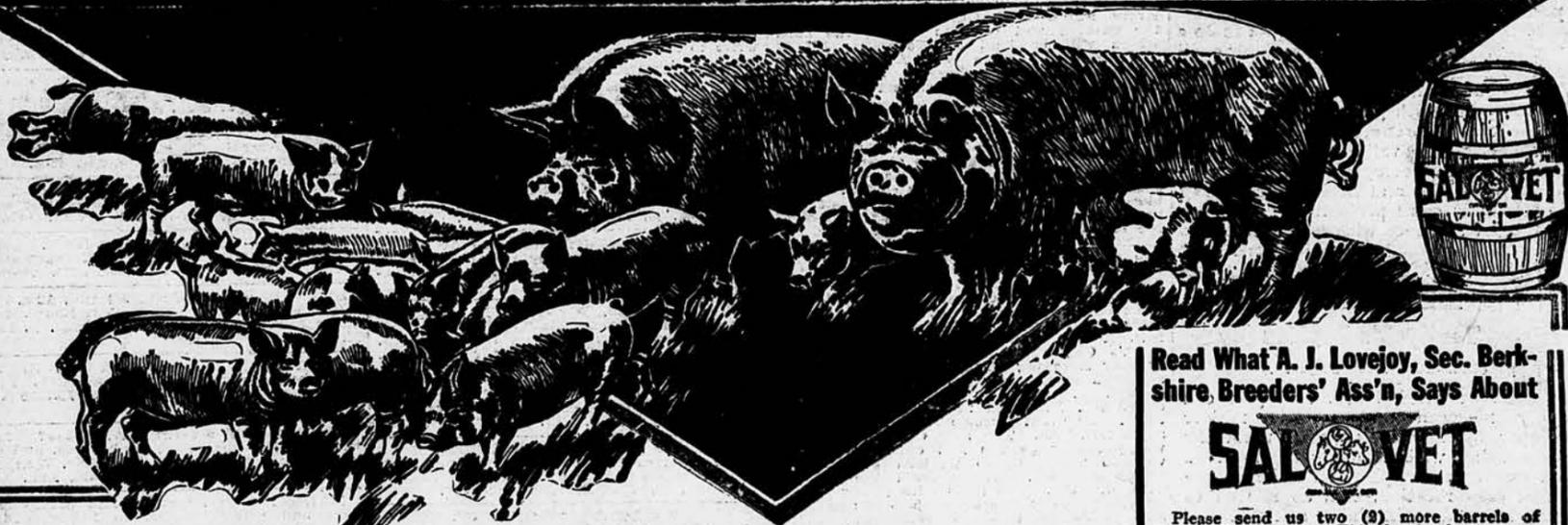
Sawyer & Austin Lumber Company, Pine Bluff, Arkansas.

ARKANSAS HOMESTEADS

500,000 ACRES FREE

U. S. land open under new 8-year Act of Congress. Our Homesteaders' Guide Book tells how to locate, acquire title, acres vacant by counties and text of new law. Price 25c. FARM PUB. CO., LITTLE ROCK, ARK.

Protect Your Hogs From Disease!



I'll Help You Prevent Your Losses
I'll Get Rid of the Worms in Your Stock
I'll Prove It Sixty Days Before You Pay

NOW is The Time for you to fight the diseases that are robbing farmers and stockmen of millions of dollars.

NOW is The Time for you to put every animal on your place in a strong healthy condition—especially your hogs and little pigs.

NOW is The Time for you to get rid of the deadly stomach and free intestinal worms—the pests that sap the strength and vitality of your farm animals, making them easy victims of cholera and other diseases.

Read these letters. They prove that "a stitch in time saves nine."

"A lot of hogs died in this county from swine plague or cholera. Some of them were within three miles of me, but I have been feeding Sal-Vet, and have not lost a single hog. They are all doing well, eat all I give them and have good appetite for more."—D. A. ROCS, Kingman, Kans., Breeder of Pure Bred Poland Chinas.

"As the hog cholera is prevalent all through this section, I have been feeding Sal-Vet to my hogs. Since then, I never saw them in better condition in spite of the fact that all around me the cholera is carrying them off by the hundreds."—W. J. BROOKS, Dicks, Va.

Hogs free from worms are best protected against Cholera and Swine Plague and most apt to recover when attacked. Every authority on the breeding and feeding of swine will tell you the same thing. Read the letters in the next column. Worms are your greatest enemies—worse than cholera. They are everlastingly stealing your stock profits—weakening your farm animals and keeping them from putting on flesh. And, worst of all, when cholera breaks out in your neighborhood you may lose hundreds of dollars just because your animals have been robbed of their fighting strength and vitality by worms.

The Great Worm Destroyer



The Great Live Stock Conditioner

will drive out these pests quick. I'll prove it before you pay—I'll prove it or no pay. I'll prove it on your own farm with the money in your pocket. Worms can't live where Sal-Vet is used. The dangers of cholera and swine plague are many times less where Sal-Vet is fed. It is the best kind of cholera insurance you can find. It will put every animal on your place in a thrifty condition. They will gain faster—grow into money quicker and make you more profit. Read my offer and personal guarantee. Then send me the coupon below.

I'll Feed Your Stock Sixty Days Before You Pay

Mr. S. R. Feil is a Registered Pharmacist and Graduate of the National Institute of Pharmacy.



S. R. FEIL, Pres.

If you will fill out the coupon below—tell me how many head of stock you have—mail it to me, I will ship you enough Sal-Vet to last them 60 days. You simply pay the small freight charge when it arrives. Let your stock run to it freely according to directions and at the end of 60 days, report results. If Sal-Vet does not do what I claim, I'll cancel the charge. You won't owe me a cent.

Don't Send Any Money—Just Send the Coupon

Read the letters in the next column. They prove that Sal-Vet will do just what I claim. Be on the safe side. Protect your hogs against disease now. Don't put it off a day longer. Get rid of the worms in all your stock now. Sal-Vet will do it quickly and easily. You can see the results with your own eyes before you pay me a penny.

Sidney R. Feil, Pres., THE S. R. FEIL COMPANY, Mfg. Chemists
 85 Dept. F.M&B — Cleveland, Ohio

Also Warehouses in the West and South to Save Our Customers Time and Freight

Ship me enough SAL-VET to last my stock 60 days. I will pay the freight and report results in 60 days and will pay for it if it does what you claim. If it does not, you are to cancel the charge.

Name _____
 P. O. _____
 Shipping Sta. _____
 Number of Hogs _____
 Cattle _____
 Horses _____
 State _____

Read What A. J. Lovejoy, Sec. Berkshire Breeders' Ass'n, Says About



Please send us two (2) more barrels of SAL-VET at once. This is the best preparation we have ever used. We give all our sheep, horses and over one hundred hogs free access to it. It is all you claim.
 Roscoe, Ill. A. J. LOVEJOY.

Sal-Vet will do all you claim for it. My pure-bred Berkshire hogs are doing fine, and have appetites so keen that they never seem to get enough to eat. Before I began to feed Sal-Vet the same animals were dull, listless and without appetite. They take to the Sal-Vet keenly. Hogs all over our county are dying in large numbers, and many right here in my own town have lost hogs from some cause, but I could not wish mine to do better than they have done since feeding Sal-Vet.
 Honea Path, S. C. D. E. KNIGHT.

The people around here are in great trouble because of the great spread of hog cholera. However, I have been feeding Sal-Vet for nearly one year and have never had hogs do better than mine are now.
 Durham, Mo. F. F. FOX.

Your Sal-Vet has done all that you claim, and perhaps more. Hog cholera has been all around me, and I have not had one sick hog. I cannot praise Sal-Vet too highly, and I do not hesitate to recommend it to all hog raisers.
 Troy Grove, Ill. (Signed) A. O. KELLOGG.

I fed a carload of hogs on which I made a thorough test of Sal-Vet, for 70 days. Cholera, or some disease like it, was killing off hogs all around me, but I never had a single one sick; they remained in fine condition during the entire time.
 Box 235, Hominy, Okla. (Signed) W. C. GROVE.

Report of the University of Idaho

We have used your Sal-Vet and are wonderfully well pleased with the results that have been obtained. We have fed your preparation to horses, cattle, pigs and sheep, and have never seen our entire herd in such fine condition as it is today. This is particularly true of the pigs and horses, in which cases the use of Sal-Vet was directly responsible for ridding the animals of intestinal worms. And since using Sal-Vet, we have had no further trouble from worms.
 Animal Husbandman, University of Idaho, Agricultural Experiment Station, Moscow, Idaho. PROF. E. J. IDDINGS.

I found Sal-Vet to do just what you said it would; it is sure death to worms. Moreover, although the cholera has reached throughout this neighborhood, I have not had a single loss since feeding Sal-Vet.
 Alexandria, Ind. JOE GAHMER.

Read How Sal-Vet Saves Farm Stock

Before Sal-Vet got here, I employed a veterinary who performed a post-mortem examination on two pigs, one of which had died, and the other we killed. He pronounced the trouble Swine Plague, when I was sure it was worms. Since I have fed Sal-Vet, there has been only one loss and the pigs have since been thrifty and doing well.
 G. W. Benedict, Platteville, Wis.

"Enclosed find check for the Sal-Vet received. The reason I had not sent this before was because the Cholera was prevalent all around my neighborhood, and I wanted first to test the preparation thoroughly. Not a single one of my pigs died, and furthermore, they are all looking fine and are in good condition."—E. M. Searcy, Decatur, Ill.

I write to say that I have been a free user of Sal-Vet ever since its introduction, and find that it is the most perfect worm exterminator on the market today. It will positively do all that you claim for it. There is nothing within my knowledge as good and reliable or as cheap."—E. C. Stone, Feoria, Ill., Sec. American Hampshire Swine Record Ass., Pres. Illinois Swine Brooders' Association.

My herd of pure bred Poland China hogs were in decidedly bad condition, and I was very much afraid of Cholera, having just returned with them from our state fair, where this disease often crops out. Since feeding Sal-Vet, they are sleek, fat and in absolutely perfect health too.
 G. M. Carnutt, Montserrat, Mo.

PRICES 40 lbs., \$2.25; 100 lbs., \$5.00; 200 lbs., \$9.00; 300 lbs., \$13.00; 500 lbs., \$21.12.
 Special discount for large quantities.
 No orders filled for less than 40 lbs. Never sold in bulk; only in Trade-Marked "Sal-Vet" Packages.