

THE FARMERS MAIL AND BREEZE

Volume 43

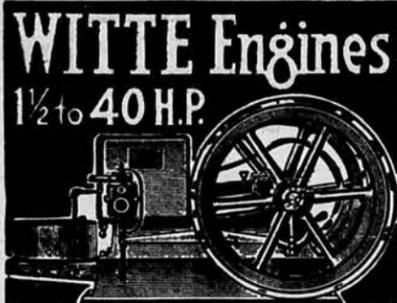
September 6, 1913

Number 26



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CROPS and FARM WORK

(Crop Reporting Service of the Farmers Mail and Breeze.)

August went out as it came in—dry and hot. September has shown no improvement so far and the greatest present worry on the average farm is over the lack of moisture needed to work down alfalfa and wheat seedbeds. Wheat may lie in the ground and come up later with good chances for a crop but with alfalfa it is now or never, since its life through the winter depends on a good growth made in the fall, unless the winter should be unusually mild.

"I never saw so much corn fodder cut in my life," writes J. L. Phelps of Pratt county, Kansas. Corn put in the shock will make little enough feed this year but that left standing in the field will almost be a minus quantity so far as feed is concerned. The man with a silo has the best bet as usual.

This season has been a good one to test out the merits of feterita as a feed crop. Every report received so far indicates that the crop is standing the test. "In Custer county, Oklahoma," writes E. E. Baker, "feterita is making good while kafir will produce but half a crop. And kafir has always been known as the farmer's standby in a dry season."

KANSAS.

Wyandotte County—No rain for more than a month. Intense heat and dry winds are burning late corn to a crisp. No vegetables and fruit is suffering. Nights cool.—G. F. Epenlaub, Aug. 30.

Chase County—No sign of a letup in the drouth. Farmers are feeding stock and water is very scarce. Cattle, hogs and chickens being shipped out. Alfalfa seed crop good. All feed is high.—W. J. Dougherty, Aug. 29.

Ottawa County—No rain yet. Hay and fodder all put up but the crop is small. Farmers are selling all surplus cattle. Few public sales and stuff sells cheap. Hot weather killing chinch bugs by millions.—W. S. Wakefield, Aug. 30.

Norton County—The crop of alfalfa seed is making 5 bushels of seed an acre and is of fine quality. Prairie Dog river is about dry but wells and spring creeks are not affected by the dry weather. Wheat is being used for feed.—Sam Teaford, Aug. 30.

Greeley County—Early feed being cut and will average less than half a normal crop. Most feeders will have enough roughage with what was left from last year. Some farmers buying hay out west. Stock doing well on dry grass.—J. S. Skillman, Aug. 30.

Crawford County—Continued dry, hot weather. Corn almost an entire failure and is being cut for fodder. Much stock marketed on account of scarce pasture and water. Farmers are planning to increase wheat and alfalfa acreage.—H. F. Painter, Aug. 30.

Elk County—Still dry and no prospects of rain soon. Large numbers of cattle being shipped out. Most corn being cut. Some kafir still green. Creek drying up but a few farmers have been successful in getting water by digging deep.—Mrs. S. L. Huston, Aug. 30.

Mitchell County—Everybody is busy putting up feed. Most of it being put up the old way but a good deal going into silos. Silo filling is proving expensive. Apple crop a failure although had a good prospect earlier in the season.—J. H. DePoy, Aug. 30.

Shawnee County—Had 1/2 inch of rain in August. Pasture all gone and water is scarce on the hills. Corn cutting and silo filling in order. Will have enough feed here and some corn. Some old corn going to market now. Quite a number of cattle to be fed this winter. All stock doing well.—J. P. Ross, Aug. 30.

Harper County—No rain for six weeks. Most corn cut for fodder. Feed will be scarce. Kafir still green. Threshing nearly finished. About 80 per cent of usual wheat acreage will be put in. Most wheat ground is ready for seeding. Corn 85c, wheat 76c, oats 50c, cream 24c, hay \$17.50.—H. E. Henderson, Sept. 1.

Pratt County—Weather still dry and hot. A lot of disking being done for wheat and early disking being worked down. Never saw so much corn fodder cut in my life. Nearly every field is cut. Most stock is on dry feed. All the grass left is that on creek bottom. Corn selling at \$1, oats 52c.—J. L. Phelps, Aug. 30.

Lyon County—Driest and hottest July and August we have known. Farmers have filled silos with fodder mostly. Fields of early corn on bottom have some fair corn. Most corn that was well tended will make good cow feed. Dry weather has greatly injured third alfalfa crop, kafir, cane and millet.—E. R. Griffith, Aug. 30.

Butler County—Only a few local showers since May. Driest season since 1860. Fodder about all cut and a large per cent went into silos. No wild hay at all and alfalfa is being shipped in from Colorado at \$18. Cattle and hogs being shipped out. No fat hogs. Stock hogs selling at \$5 to \$6. Corn 85c, oats 50c, potatoes \$1.—M. A. Harper, Aug. 28.

Sedgwick County—Drouth still unbroken here. Teams seem to be standing hot weather well. Have had a few sales and stuff sold well. A good many brood sows going to market which will mean high pork for town folks next year. Hogs are very scarce. Top price for hogs is \$8.60. Hay selling at feed stores at a cent a

pound. Baled straw \$7.—J. R. Kelso, Aug. 29.

Brown County—No general rain yet. Ground hard and plowing is making slow progress. Farmers busy cutting corn. Yield will not average more than 10 bushels. Larger acreage of wheat to be sown than usual. Most hogs and many cattle being sold off. Good many silos being built. Hogs \$8.25, hay \$15, wheat 75c, corn 73c, oats 38c, cream 26c.—A. C. Dannenberg, Aug. 30.

Pottawatomie County—Haying about finished but crop is of poor quality and will grade about as packing hay in Kansas City. Yield averaged about 1/2 ton an acre. Feed of any kind will be scarce. Buyers offering 5 cents a pound for pigs and shoats and many farmers are selling.—S. L. Knapp, Aug. 30.

OKLAHOMA.

Alfalfa County—Threshing finished. Plowing about half done. Weather very dry and pastures are short. Will have no corn and very little kafir. Corn 80c, wheat 73c, oats 50c.—J. W. Lyon, Aug. 30.

Lincoln County—Dry, hot weather for cotton picking. Cattle being shipped to market on account of feed and water shortage. All feed is high. Butcher stuff sells high. Cotton 12 cents.—J. B. Pomeroy, Aug. 30.

Pawnee County—No rain since July 1. Corn will make from 10 to 35 bushels. Cotton will average about 30 per cent of a crop. Kafir hurt by bugs and dry weather. Corn 60c, oats 45c, hay \$10 to \$12.—V. Funkhouser, Aug. 30.

Pottawatomie County—No rain of any good since July 1. Corn looks to be dry enough to gather. Cotton picking started. Kafir and milo being cut. Feed is scarce and going up in price every day. Mule and horse market dead. Hogs high. Corn 75c.—L. J. Devore, Aug. 30.

Custer County—No rain for six weeks. Some disk plowing being done for wheat. Most wheat will be sown in stalks. Most silos are filled. Corn will make only a fourth crop. Kafir will make half a crop, milo three-fourths. Feterita, peanuts, and cowpeas are making good. A lot of fodder being put into shocks.—E. E. Baker, Aug. 30.

Hughes County—Just finished cutting 145 acres prairie hay and got 46 tons of hay. Same ground last year produced 152 tons. We have some good corn and some is no good at all. Dry weather is cutting cotton short. The crop is coming in quite fast at 4 cents in the seed. Hay \$12 to \$15, corn 90c, oats 43c.—Albin Haskett, Aug. 28.

Did You Get the Year Book?

The 1912 yearbook of the U. S. department of agriculture is now being distributed. It contains 781 pages and is practically an encyclopedia of what was done in agriculture during that year, besides the great amount of statistical matter it contains running back 50 years, or more. The only way you can get a copy is to request it of your congressman or senator.

Some of the articles in the new year-book are: Promising New Fruits, by William A. Taylor and H. P. Gould; Our Meadow Larks in Relation to Agriculture, by F. E. L. Beal; The Handling of Dressed Poultry a Thousand Miles From the Market, by Mary E. Pennington; Insects Injurious to the Onion Crop, by F. H. Chittenden; How the Produce Dealer May Improve the Quality of Poultry and Eggs, by H. C. Pierce; A Successful Method of Marketing Vegetable Products, by L. C. Corbett; Some Useful Weather Proverbs, by W. J. Humphreys; Some Important Insect Enemies of Livestock in the United States, by F. C. Bishopp; Relation of Birds to Grain Aphides, by W. L. McAtee; National Forest Timber for the Small Operator, by William B. Greeley; Improved Methods of Handling and Marketing Cotton, by Charles J. Brand; Dairying and Its Relation to Agriculture in Semi-arid Regions, by A. K. Risser; Agriculture in Public High Schools, by Dick J. Crosby; The Settlement of Irrigated Lands, by Carl S. Scofield, and The Commercial Weather Map of the United States Weather Bureau, by Henry L. Heiskell.

The part of the book devoted to the appendix comprises a review of weather conditions, the names of the officials of the agricultural colleges and experiment stations and state officials in charge of agriculture, statistics of production, acreage and value of crops, of the number and value of farm animals, of price of farm products at the farm and in the wholesale market, of foreign trade in farm and forest products, and of railroad rates for the transportation of principal farm products.

After the raspberries are through fruiting, the old canes are taken out.



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Number 26

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SILAGE REDUCES FEEDING COST

CANE IN THAT FORM
SURPASSES CORN

SOME FACTS IN BEEF PRODUCTION



FIFTY-EIGHT head of heifers, averaging about 15 months old, were sold on the Kansas City market June 9 by C. J. Solt, of Barnes, Kan., for \$8.60 a hundred. This not only topped the market for this class of cattle that day but it also was the highest price paid for that class of animals up to that time this year. The cattle averaged 733 pounds a head, and they had been fed since November 23. The remarkable thing about this bunch and about the other lots that have been sold from this farm in the last two years is the extensive use of silage which has been made in the rations, which has given cheap and profitable gains.

Mr. Solt has fed cattle for many years, the number running from 250 to 500 head a year. In the last few years he has taken up the handling of baby beef, and these young animals now are fed exclusively. They are purchased in the fall, when the calves will average about six months old, the object being to get them on full feed as soon as possible after they come off the grass. The "baby fat" of the animal is never lost. Well bred or purebred animals are handled to the exclusion of scrubs. Hereford calves are preferred.

The calves which topped the Kansas City market were a part of a shipment of 200 head, which averaged 376 pounds when they were received at Barnes, November 9. After the first few days, or just as soon as they got used to their new feed, the calves were allowed to have all the silage they would eat. In addition to this, they were fed a pound of cottonseed meal a day, and they also were given some kafir fodder, for filler.

About January 1, this ration was increased to 1½ pounds of cottonseed a day and 2½ pounds of shelled corn also was added to the ration at this time. The steers and heifers were separated April 20, and the heifers were finished on an increased corn ration, while the steers were put on grass, but the silage was fed until July 1, when alfalfa hay was substituted. Most of the steers are still in the lots, and they are putting on a remarkable finish. The heifers were fed silage until they were shipped.

"Silage has very materially cheapened the cost of beef production on this farm," said Mr. Solt. "We fed thousands of cattle before we had a silo; we have not been using silage until the last two years. The thing that drove me into the use of silos was the drouth of 1911. I saw silage was a necessity in beef production under modern conditions, so we built two large silos. As

CORN FOR SILAGE THE BEST METHOD

Where corn has ripened unevenly, because of the drouth and the differences in soil moisture in spots in a field, it is best to wait until the greener patches are mature before cutting the crop for silage, even if the drier patches are badly tined.

Immature corn makes silage that is too sour, and rather low in feeding value. There is little danger of allowing the corn to become too mature, if water is added to the crop as it is placed in the silo.

W. A. Coehel, professor of animal husbandry in the Kansas Agricultural college, said: "Wait until the corn is pretty well tined; let it mature as much as possible before making silage of it."

C. H. Eckles, professor of dairy husbandry in the University of Missouri, said: "Corn can be put into the silo with reasonable success even up to the time the leaves are nearly all dry, provided a sufficient amount of water is used to properly wet it up. No bad results follow the use of too much water."

W. J. Kennedy, formerly professor of animal husbandry but now director of the extension department of the Iowa State college, said: "The nearer the corn is to maturity the more food nutrients the silage will contain, if there is enough moisture to insure proper fermentation, and this moisture may be added if the corn is too dry."

we desired to start right with the silage proposition, we built them of cement.

"Both silos are of the metal-lath, thin-wall kind. The larger is 51 feet high and 22½ feet in diameter. It cost \$650, and holds an immense amount of silage—about 525 tons, I think. The smaller silo is 36 feet high and 18 feet in diameter, and cost \$350. We are well pleased with these silos, and I believe a cement silo is the best kind one can build. If they are put up properly, they will last well."

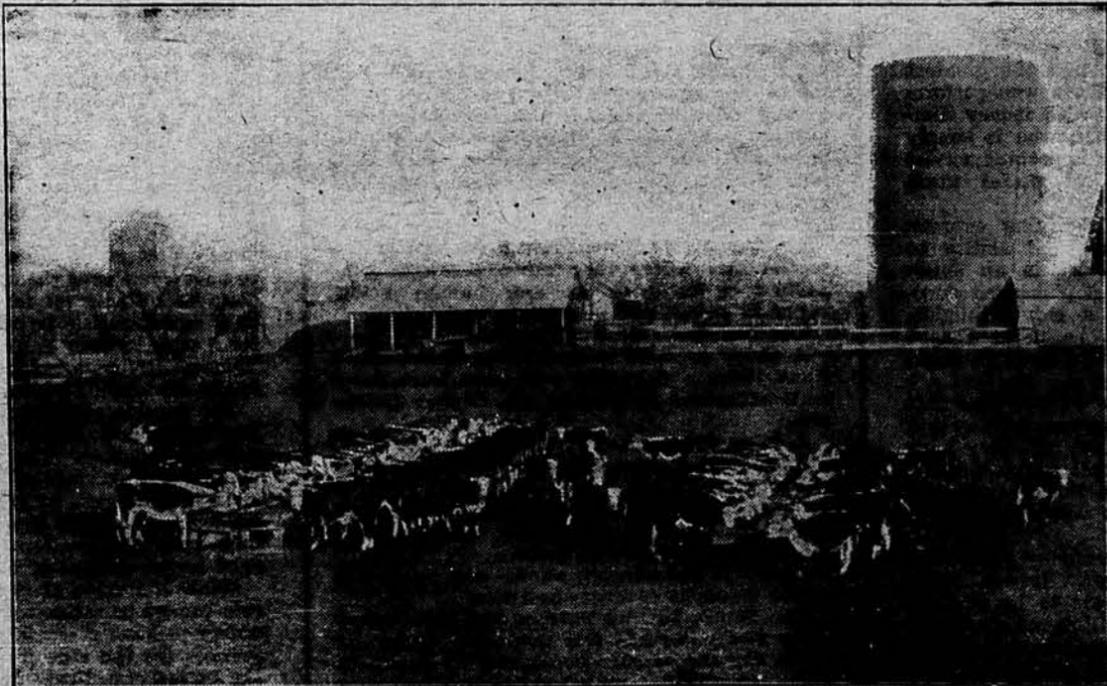
The calves were well sheltered in sheds, and pure well water given them. Plenty of wheat straw was used for bedding. Enough hogs are kept to follow the calves to save all the waste feed, but an effort also was made to make as economical gains with the calves as possible—no feed was wasted.

"It is not necessary to have an especially large number of hogs to follow the animals when silage makes up a large part of the ration," said Mr. Solt. "We let the calves make the profit, but of course we keep enough hogs to take care of all the waste."

In the past two years much of the silage has been from corn, but this year 150 acres of cane were planted for silage. Cane has been yielding more silage to the acre than either kafir or corn, in the Barnes section, and Mr. Solt believes it is the coming silage crop for that section. Most of this cane came through the bad drouth of this year in fair shape—except some that was planted too thick—and it will make a fair crop. Good results have been obtained with cane silage; and in the feeding tests conducted at the Kansas Agricultural college last winter the cane silage gave slightly better results than corn silage.

"Before I decided to plant this large cane acreage I looked up the yields of silage obtained on the station farm at Manhattan. I found that they had been much ahead of corn," said Mr. Solt. "It is certain cane silage is the equal of corn silage and the crop will stand drouth much better, so I believe it is the best silage crop I can grow here. We shall continue to plant a large acreage for silage."

"We have used several silage cutters, but the best results we have obtained were with a number 17 Ohio cutter that cost us \$225. This machine has a good capacity, and yet it can be run with a 15-horsepower engine. We ran twenty-three 1½-ton loads of silage through this machine in an hour, which is a better record than we have been able to make with the other kinds we have tried."



Baby Deeves Making Money from Silage at C. J. Solt's place.

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

PASSING COMMENT—By T. A. McNeal

Back Again

After an absence of a couple of weeks I am here again talking to the two or three hundred thousand readers of the moral and agricultural guide. A vacation is a good thing. I would have taken a longer one if my finances would have warranted it, but after all, as a regular thing, there is more pleasure in talking to two hundred thousand Mail and Breeze subscribers than there is in sitting round in the shade where the climate is moderate.

It is a good thing for an editor to take a layoff occasionally and let someone else fill the space that he is in the habit of filling. It tends to knock the conceit out of him if he is afflicted that way, for he discovers that the world seems to roll round just the same whether he is trying to help it roll or not. Others write just as good or better stuff than he can write and he is driven to the conclusion that if he should drop out altogether he would not be missed a great deal.

Let us face the calm truth, men and brethren. Individually, most of us are rather small potatoes and few in the hill. We come, stay a brief while and then are gone. The old world rolls on just the same as when we were on earth and within a few short years our forms and words that we may have spoken or written will have faded from the memory of even the few that know us now.

The best part of a vacation to me is to watch the various human animals I see. Some of them humble toilers, concerned mostly with the problem of how to earn enough to supply the absolute necessities of life, others showing evidences of abundant cash and swelled up with their supposed importance. Most of them, whether rich or poor, are the creatures of circumstance and environment and only to a very limited extent the masters of their own destinies.

At one place a young fellow of perhaps 20 or 21 was pointed out to me as having several million dollars in his own right. Of course he had not earned any part of the 12 to 14 million he was said to own and if thrown on his own resources would probably have hard work to get a place where he could pull down a salary of \$50 a month. It is only fair to say, however, that during the brief time I had to look him over, I did not see any evidences of swelled head or arrogance of manner. He looked like a good natured, well mannered, ordinary sort of boy, but he was not being judged on his own merits. He wasn't being pointed out on account of any merit or peculiar personality he possessed, but solely on account of the millions he was supposed to be able to command.

We boast a good deal about our democracy and about this bully land of the free where every man is judged according to his individual merit, but that is a mere delusion that we cherish for exhibition purposes. The cold truth is that we are a nation of money worshipers. We rail at the rich, but there is a deal of envy in the criticism and in spite of all our boasting and vamping we bow at the shrine of the money bags.

We know that the millionaire as a rule is not the most useful citizen and we know that the greatest monetary rewards do not go to those who perform the greatest service, but the man with money commands our attention while the man who is simply engaged in performing some really important service to humanity, some responsible and useful work, hardly calls for a passing glance.

The engineer in charge of a lightning express, proving his skill, coolness, courage and ability to think and act quickly and correctly in an emergency, attracts no attention, but a pinheaded dude, with just brains enough to fill a lady's thimble, who commands 20 millions that he never earned and never could earn, causes whole crowds to stand and rubberneck as he passes by.

And after all it is not so much wonder that this is so. The truth is that when the crowds stop and gaze on the pinheaded dude it is not him they have in mind at all, but the millions that are called his. Those millions represent power in the concrete and man always has been and always will be attracted by power.

Under our system of civilization money commands all the forces of human endeavor. It can cause mountains to be leveled, vast rivers to be bridged, and continents to be spanned by lines of steel. It builds floating palaces to ride the seas and harnesses to other palaces the forces of steam and electricity and hauls them with more than race horse speed across the lands.

It builds the warships of nations and outfits their

armies. It builds up principalities and checks the ambition of kings. War lords may strut and fume and boast of divine rights, but without money in their treasuries they are helpless. So it is that money represents power in its most concrete form and in a way that appeals to the common understanding. That is why men bow down at its shrine and are willing to sacrifice honor and manhood to obtain it.

"The love of money is the root of all evil." That was true when it was spoken. It is true today. Trace back practically every crime to its first cause and it will be discovered that cause was the unholy, selfish love of money or its equivalent. Every war that has drenched the world with blood was caused by a selfish desire to hold or acquire property in some form or other. Every slum that reeks with filth and poisoned air, the abode of wretchedness and dire poverty, is the result of human greed for gain.

The Currency Bill

While I am on this subject of the power of money, I may say that I have received a number of inquiries about the proposed currency bill. Will it be a benefit? Of course, only experience will answer that question definitely. It may be some improvement over what we have now, although I am not expecting any material benefit to the people generally.

It still leaves the control of the currency in the hands of those whose business it is to lend money and to get the highest rates of interest possible, compatible with safety to the money lenders. The bankers do not want interest rates so high that borrowers cannot possibly afford to pay, for that would destroy their business, but their business is to lend money and get all they can out of it. After the new law goes into effect the borrower will still find that he will have the same rates of interest to pay and the same difficulties in getting it, in my opinion.

Here is what our senior Kansas senator has to say about the bill and what he proposes to try to do:

Editor the Mail and Breeze—This present currency bill is a fraud, gotten up in the interests of the bankers and money lenders, and while it is alleged to be very distasteful to Wall street, I happen to know that the real money interests will be perfectly satisfied with the bill if they can have

two or three members on the federal board. They never have asked a majority of them but they will be satisfied with three of the nine, knowing well enough that when they get them they will be able to get two of the five others whom the president will appoint.

I have had in mind a proposition to retire national bank notes and gold certificates and issue in their stead treasury notes of exactly the same character as our greenbacks, maintained by sufficient gold reserve to give such notes confidence with the business public. We have 350 million dollars of greenbacks out, and behind these 350 million dollars we have 150 million dollars of gold as a redemption fund. We have in the treasury now over 1 billion dollars in gold.

Our gold certificates are, of course, the most substantial paper money in existence because they are simply warehouse receipts for so much gold bullion, but it does not serve any better purpose to have these than the greenbacks, because we have sufficient gold behind the greenbacks to meet all emergencies. An ample gold reserve I think is absolutely essential to preserve public confidence, but dollar for dollar is not necessary.

After the tariff is over with we probably will take up the currency bill and fight it out. I am very anxious for six weeks or two months interim if we can get it, because I want to get out home and visit around among the folks and take my bearings from their point of view. Every man in congress ought to spend three months at home with his constituents. He sees things differently then. To mingle for a period every year with the rank and file of the people and talk with them and study public questions from their environment and their viewpoint is by far the best education that any public man can have.

JOSEPH L. BRISTOW.

Personally I am glad to hear the senator talk that way. The people have been buncoed for many a year with fights over matters that no matter which side won, were of comparatively little importance and no matter which side won the people generally derived no benefit. Angry at the Republican party because they believed it had broken faith with them, the people turned it out of power and turned the Democratic party in, with the result that they are almost certain to be disappointed. The cost of living will not be reduced. Poverty will not be lessened and special privilege will not be unhorsed.

Money is the medium of exchange and is therefore necessary to the comfort and wellbeing of every American citizen. It is not fair that a few should have the control of that which all must have and this is at the very root of our troubles.

The government establishes a system of postal savings banks into which are gathered the little savings of those who toil. It lends these savings again, not to the people who have the security and who wish to borrow, but only to national banks, to be lent by them at largely advanced rates of interest to their customers.

Why should not the government lend these savings direct to those who are willing and able to furnish the security without the intervention of the banks? If the government can lend to the banks at a rate of 2½ per cent, why not lend direct to citizens who are not bankers at 3 per cent? Why not use these postal savings banks to drive out the blood suckers who rob the poor by charging them from 5 to 10 per cent a month and lend the poor the small amounts they need to tide them over the periods of sickness and other adversities at a rate of 3 per cent?

Mr. Bryan complacently gives his approval of the proposed currency bill because, as he says, the money is to be issued by the government. Of what avail is it that the government issue the money if it is only issued to the banks and they are still permitted to control its volume?

Is it possible that Mr. Bryan, who has grown rich as well as corpulent, now looks with favor on the money power? Somehow or other a change seems to have come over the spirit of Mr. Bryan. No longer does he thunder as formerly at the money power. In a recent article he talked about it being possible for a man to earn 500 million dollars. He says that Thomas Jefferson earned more than 500 million and so did Abraham Lincoln.

The trouble with Mr. Bryan seems to be that he has fallen into the error of trying to measure all values by money. There is no way to measure the value of the services of either Jefferson or Lincoln in money. The evil, in my opinion, of such an article coming from a man like Mr. Bryan is that it will be used as a justification by the men who have managed to get control of hundreds of millions.

While the value of the services of a man like Lincoln cannot be estimated it would have been entirely wrong to have given him 500 million dollars for his services for the reason that no man should be given the exclusive control of so much that is necessary to the wellbeing of all.

I have said that I do not expect any considerable benefit to the people generally from the proposed

The Capper Building at the Fair

You are invited to make yourself at home, next week, in the Capper Building at the Topeka State Fair grounds. Near the main entrance, a few steps from the gate, at the right, in the House by the Side of the Road, you will find every comfort provided possible to put into a structure erected for the purpose. Nothing temporary, nothing flimsy; fireproof throughout, put up to stay—put up for the accommodation of the people, and particularly for the thousands who read the Capper publications. The picture on the cover tells the story as to the exterior. Inside the building you will find these arrangements:

- Free telephones.
- Drinking water for all who come; not ice water, but water that runs through coils packed in ice, cold as any human being cares to drink—all you wish to drink.
- Writing desks and equipment.
- A place to mail your letters, with collections twice a day; and you may have your mail addressed in care of the Capper Building.
- A telegraph office.
- A comfort station for men and another for the women.
- Chairs and lounges for two hundred or more on the wide and shady veranda surrounding the entire structure.
- Sanitary, substantial, shady and safe—the whole thing of concrete and tile.
- The House by the Side of the Road—just after you enter the fair grounds. It's your home for the week. Come and be comfortable. It was put up expressly for you and yours. Help yourself.

currency measure. I think that Senator Bristow has it sized up right, but in an indirect way it may prove to be a blessing. It will open the eyes of the people and set them to thinking. A great many of them are wondering now why it is that the powers of the government should be used for the benefit of the few, while the same benefits are denied to the many. More and more will ask that question until finally there will be enough asking it so that they cannot be denied an answer.

There is going to be another smashup politically some of these days and a new party will be swept into power. It may not be the Progressive party. It will not be unless that party gets down to causes instead of tinkering with symptoms. Old age pensions, minimum wages and regulation of factory labor are all good, but they are not fundamentals. Constitutional diseases can't be cured with mustard plasters or the poison in the blood eradicated by poulticing the sores that break out on the surface of the body.

Until the people learn to use their government so as to destroy special privilege, to prevent the monopolistic control by the few of what all must have, to insure a just distribution of the fruits of labor, discriminations will continue, injustice will continue and poverty will still breed disease and crime in wretched hovels.

Come to the Fair

It is true that the season has been unfavorable for corn in Kansas and for that reason it is altogether probable that the corn display at the Topeka State Fair next week will be cut down, but it is safe to say that with the possible exception of grain and vegetables the exhibits at the coming fair will be not only better than at any previous fair here in Topeka, but better than at any other fair ever held in the state of Kansas.

The stock entries are more promising than at any previous fair and the races will be the best, I think, ever seen on this track.

I am mighty sorry that we have had such dry weather in Kansas, but times have been a good deal worse than they are now and the people of Kansas lived through them all right. This year most of the state had a fine wheat crop and oat and early hay crop, so that they are pretty well fixed to stand the loss of a corn crop, although no one will deny that the failure of the corn crop is a serious thing.

However, the fact that there will not be much corn to harvest will give you more leisure. Come to the fair if you possibly can. It will be both a recreation and an education to you. No farmer can examine a lot of high grade cattle and hogs and horses without getting some valuable ideas—ideas that will make him a better farmer and that will enable him to make more money and make it easier than he has been able to make it in the past.

Of course, we here in Topeka have some selfish interest in the success of the big fair. We want you to come in part because a successful fair is a help to Topeka, but if I did not think you would get the worth of the money it will cost you to come, I would not feel like urging you to come. I think you will get the worth of your money and be glad you came after it is over.

To Prevent Drouths

A season of excessive heat and deficient rainfall, with the drying of streams and stock ponds and the consequent shipment of unfinished cattle in unprecedented numbers to market, should center attention in the agricultural part of the country upon a co-operative state and federal project for the conservation of water, which has already received favorable consideration at Washington and which should succeed the Panama canal as the next great American engineering enterprise worthy of the best thought of the states and of congress.

This project is, in fact, incorporated in the Newlands bill, introduced by the Nevada senator, whose general principles have been unanimously approved by the senate committee on forestry, though forestation is but an incident to the large objects of the bill. What it is proposed to do on a scale that is about equal to the Panama canal, an expense for 10 years of something like 50 million dollars a year, has been summed up as follows:

First, the creation of an ample fund for river regulation and waterway development, sustained by annual appropriations of at least 50 million dollars; second, the acquisition and protection of forest areas where the preservation of the forest or woodland cover is necessary to prevent erosion and destructive run-offs, the construction of reservoirs on source streams for the storage of flood waters for irrigation and flood prevention and the construction of reservoirs on source streams and main streams for the storage of flood waters for the development of water power, the bank protection necessary to confine rivers to their channels, and thus prevent the overflow and secure the reclamation of adjoining swamp and overflowed lands, the dredging of rivers where necessary for the purpose of maintaining a standard channel; third, the co-ordination of the various scientific services of the government both in plans and in works; and, fourth, the co-operation of the national government with the states in plans and works, with a fair apportionment of benefits and costs.

What this plan contemplates is a general work of

conservation in which flood and drouth, forest and arid land, navigation of streams, irrigation and water power are regarded as parts of one problem, not to be attacked piecemeal but in a comprehensive way, and not local but continental in scope.

Kansas, like other communities, has suffered not alone from drouth, but our losses from floods in 50 years, while they have never been calculated, undoubtedly mount into the scores of millions of dollars.

Kansas has suffered, as have other states, from drouths, the worst effects of which may be prevented by intelligent conservation works, such as Trans-Mississippi congresses and other conventions of representative men have more than once urged upon congress.

As is well known, in the driest section of this state the annual rainfall is sufficient to provide moisture in the soil for all needful crops, but it too frequently occurs that the rain which falls is lost to the farmer. In such sections torrential storms wash the land and are not only wasted, but by erosion, even injure the soil.

It is intended by this plan to conserve these heavy periodic rainfalls, storing the water and running it off as it is needed for the refreshing of the soil, and such a project has been approved by the best engineering authority in the scientific bureaus of the government.

The prevention of floods and the storage of excessive water for later agricultural use to overcome drouths at a later season are the same problem, and the benefits of such a comprehensive conservation scheme work both ways, tending to equalize, so far as agriculture is concerned, seasons of too great and too little rainfall.

Kansas is deeply interested in such a national work, where it is and for half a century has been entirely indifferent to the ineffectual policy in which hundreds of millions of dollars have been swallowed up of "river and harbor" bills, dictated and enacted by local and selfish sectional interests.

"For a hundred years," says Senator Newlands, "we have been improving our rivers. But we have never entered scientifically upon the question of the regulation of the flow of a river, involving standardizing the flow of that stream by storing the floods when they are likely to be destructive and using these flood waters for beneficial purposes, utilizing not only the natural reservoirs of the country but also the artificial reservoirs necessary for the promotion of irrigation and the development of water power."

The Newlands bill will require some amendments to meet all interests fairly, but its general purpose and principles should be supported by our delegation as an undertaking that will permanently and for all time to come foster the greatest interest of all—the nation's food supply.

Vastly more important is a project of this kind, the states and congress co-operating, and the government's great scientific service, the engineers of the agricultural department, the reclamation service, the army and forestry bureau, being called on for their services in initiating and carrying it on. When such work is accomplished the losses by both floods and drouths will be enormously reduced.

Our State Motto

A reader signing himself M. B. C. sends us from Bazine, Kan., the following spirited letter, which we think all readers of this family guide will find stimulating as well as timely:

Editor the Mail and Breeze—"Ad Astra Per Aspera." There they stand, dear people, just a small group of words upon our seal of state, but think you the men who put them there did not know this Kansas land of ours? "To the stars through difficulties." What other motto would apply to Kansas as this one does? Difficulties? Yes, difficulties from the very beginning—war and strife; homes desolated; a threatened curse of slavery; Indian raids; famine and other woes too numerous to mention.

But thank God, we have always had men like John Brown, who could look toward the stars and toil onward and upward until they made Kansas what she is today, one of the grandest states in the union, a home for many a homeless foreigner, honored at home and abroad, her name a synonym for good homes, good schools, and upright men and women.

The season of 1913 has been a hard one on the Kansas people, it has caused difficulties that must be met and overcome, for "ad astra per aspera." We must make a good fight; these Kansas homes are worth fighting for—we all know that.

Oh come, some of you downcast people, you who are feeling so badly because that touring car or that trip to the coast did not materialize this year, come with me away out on the lonely prairie, where the hot sun sends its scorching rays without mercy down upon the dry dead grass, and there I will show you a sunken place in the level surface of the prairie, overgrown with grass and weeds now, but once a prairie dugout home. Near by is an old dug well, and then a few steps farther on stands, half fallen over, a large ill-shaped stone, and thereon is cut in the rudest of letters "Our Baby, 1872-73."

Oh, the pathos, the heart-breaking pathos of it! Think of it! Here once was reared the sacred altar of a home, here dwelt human beings who had joys and sorrows, hopes and fears, the same as we have

today. And think of the difficulties that were theirs. I know whereof I speak when I say that many a family in those days lived for days at a time on nothing but dry bread, many a day gathering the fruit of the prickly pear for food. I do not wonder that many gave up the struggle, that many turned their backs upon the dugout home, and the little prairie grave. It is human tragedies like this that have made Kansas what she is today.

I believe that when that father and mother left those remains of a home and that pitiful little mound, yes that just by leaving them there, they put Kansas farther along on the path which terminates in a star.

Kansas must be dear to God, because the very grass at our feet has been wet with the blood and tears of His people. Oh, let us not worry now, the starry path is so much easier climbing than it was away back there in those early days. Difficulties must be ours and probably always will be ours, but they must be met and overcome. Kansas must live up to her motto, "Ad astra per aspera." M. B. C.

Bazine, Kan.

Truthful James

"I must say," remarked Truthful, "that I am gettin' purty blamed tired of this here hot, dry weather. It is sort of wearin' on my constitution and temper. Not but what I hev seen the weather worse, but this is bad enough. Still, I can't say but what the other extreme is full as bad or worse than this."

"I used to live in a swampy country where it rained generally for about nine months in the year steady, with showers every other day durin' the other three months. All the people had the ague, likewise all the stock. The horses didn't shed their hair in the spring as they do in most countries. The ague would shake all the hair off them before it got a chance to shed in the natural way."

"A stranger moved into our neighborhood and built a house. He used ordinary mortar in buildin' his foundation and chimney and b'gosh, he hadn't more than got his house built till it commenced to shake and kep' on a shakin' till the chimney fell down and the foundation crumbled. I happened to ride by just when the chimney was tumblin'. The man was standin' out to one side lookin' on. 'Stranger,' says he, 'what the tarnation is the matter with that house? There doesn't seem to be no earthquake so far as I can discover. I built that chimney good and strong and likewise the foundation, and you see what's a happenin' to it now.'

"Says I, 'Stranger, if you hed gone to some old settler fur advice before you built your house it would hev saved you some considerable trouble. In this here country we hev to mix quinine with the mortar always in order to keep the chimneys and brick walls from shakin' down.'

"There was one feller by the name of Jim Hooperstiff who was sort of a musical genius and likewise a cheerful sort of cuss. When he hed his regular daily chill he practiced on musical airs till he could set there and chill and his teeth would rattle off a tune as fine as anything you ever heard."

"Jim made a good deal of money out of it first and last. There were a good many dances and they used to send for Jim for miles to come and have a chill and rattle off some good old dancin' tunes with his teeth. It was most interestin' indeed, to hear Jim when he had a good chill on, rattle off with his teeth 'Fisher's Hornpipe,' 'Turkey in the Straw,' and 'Buffalo Girls, Are You Comin' Out Tonight.' The only trouble was that his teeth finally wore down to the gums so that he couldn't play the variations like he once could."

"The mosquitoes also was mighty bad and they grew to sizes such as I never saw in any other country. It was no uncommon thing to see a flock of mosquitoes flyin' across the country, any one of 'em as big as a good sized quail. There was considerable sport shootin' mosquitoes with a good shotgun. Often I hev brought down as high as 15 at a shot."

"And they hed voices in proportion to their size. One man, who was a singin' master, tamed a flock of them mosquitoes and taught 'em to sing. Some of them was first class tenor, some alto, some soprano and some bass. When they was all singin' together they made most delightful music, but the way they would bite was something fierce."

"I used to shoot skeeters and then pull out their bills and tie 'em up in bunches and sell 'em for toothpicks. When the barbs were trimmed off them mosquito bills they made beautiful toothpicks."

"There was the town drunkard, Sim Billings. One night Sim was soaked as usual and started to walk to the next town through the woods. He laid down beside the road and went to sleep and about a hundred of them big mosquitoes come along and commenced to feed on him. Sim was so drunk he didn't mind it and the skeeters just filled up on his blood."

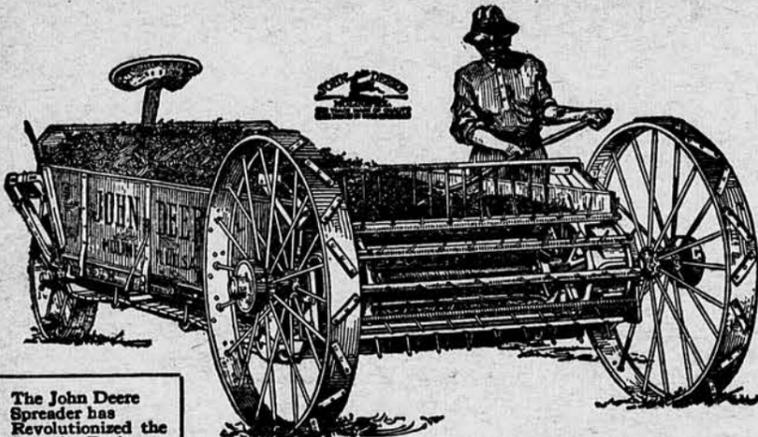
"In half an hour the hull flock was bilin' drunk and singin' in the most scandalous manner you ever heard. One of 'em pushed another one over and that started a desperate fight. You could hear them yell and cuss in skeeter language fur half a mile. It was a fight to the death."

"Finally, they was all dead but one old bull skeeter and he was a really pitiable object. Both eyes was bunged up and his bill was broke in two in the middle. One wing was badly crippled and one leg was out of commission, but he was the proudest mosquito that ever came down the pike. When he looked over the field and saw that he was the only survivor, he give one beller of triumph and limped away."

Honesty in public life is the first essential in the health of the state or nation.
—ARTHUR CAPPER.

John Deere Spreader

The Spreader with the Beater on the Axle



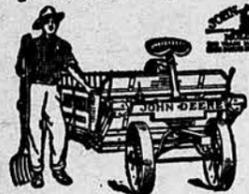
The John Deere Spreader has Revolutionized the Spreader Business. Here are Some of the Reasons:

BEATER and all its driving parts are mounted on the rear axle. Power to drive it is taken from the rear axle through simple gears like those that have been used on horse-powers for many years. This construction is patented. You cannot get it on any other spreader.

ONLY HIP-HIGH, easy to load. The top of the box is only as high as your hips. Each forkful of manure is placed just where it is needed. You can always see into the spreader.

FEW PARTS. Clutches, chains and adjustments—in fact, some two hundred parts in all—are entirely done away with. To throw the machine into operation, move the lever at the driver's right back until the finger engages a large stop at the rear of the machine.

ROLLER BEARINGS together with the simplicity of the machine itself, make the John Deere Spreader light draft. There are many more reasons that have helped to make the demand for John Deere Spreaders greater than all those interested in the spreader business thought possible. These features are fully discussed in our spreader book. You can get it free.



The Low Down Spreader with the Big Drive Wheels

What You Want

Here's your chance to get exactly what you want in a manure spreader.

One that is easy to load, light for your horses free from constant repairing, and one that will last as long as you think it ought to.

What You Get

With a John Deere you get a low-down spreader in which the advantage of big drive wheels is not sacrificed for the low down feature.

You get a spreader that is easy for your horses because it has these big drive wheels, together with roller bearings, few parts, the center of the load comparatively near the horses and evenly distributed over all four wheels.

No clutches to get out of order, no chains to give trouble, no adjustments necessary.

Built with steel frame, securely braced, like modern railway bridges—strong and durable.

Why You Get These Things

Mounting the beater on the axle makes all these things possible in the John Deere Spreader.

It does away with some two hundred troublesome parts. It makes the spreader low down. It permits the use of big drive wheels. It does away with clutches, chains and adjustments. It puts all the strain and stress of spreading on the rear axle, where it belongs, not on the sides and frame of the spreader.

It does a lot of other good things, too. They are fully illustrated and described in our new spreader book.

Get this Spreader Book

It tells how the John Deere Spreader is made and why it is made that way. It contains illustrations of the working parts and colored pictures of the John Deere Spreader in the field. It also has valuable information in regard to storing, handling and applying manure to the land.

Get one of these books free, by asking us for our spreader book, Y 12

John Deere Plow Co., Moline, Illinois

Feterita is a Paying Crop

It Has Withstood the Drouth Better Than Kafir

BY D. S. WOODSON, Supt. Farm Demonstration Work in Oklahoma.

Feterita is a grain sorghum from British Egyptian Sudan, in the region of Khartum. It is a variety of durra differing from the white durra often called Jerusalem corn, in having erect heads, and black glumes or hulls instead of greenish white. The hulls are nearly smooth instead of very hairy, and the seeds are slightly flattened instead of much flattened, as in the case of pure white durra. Two or three lots of this durra have been obtained from the region named. One of these has been bred by the U. S. department of agriculture as a grain producing variety, and is called Sudan durra. Another almost identical one has been selected by the office of forage crop investigations as a forage variety, and has been distributed under the name of feterita.

We have obtained and distributed seed of this crop to selected demonstration farmers of Oklahoma and have recommended it as a desirable crop. Our main reason for propagating it as a grain variety was because it is somewhat earlier than the common varieties of black hulled kafir, and because the heads are entirely erect and therefore more satisfactory to harvest with a grain header than is dwarf milo or standard milo in which part of the heads are pendant or gossenecked. The grain of this durra or feterita is much softer than that of milo or kafir. It is, however, much more drouth-resistant.

This department has decided to recommend feterita, in preference to either dwarf milo or blackhulled kafir where these can be grown. It is earlier than the common varieties of black hulled kafir which have been heretofore grown in Oklahoma and neighboring states.

When it was first introduced into the state, many irresponsible stories were circulated concerning the plant, that have left the impression on the minds of many people that feterita is, like some other much heralded crops, of no practical value.

The results obtained on the state demonstration farms and at the various secondary agricultural schools and experiment stations, and by others who have given it a thorough trial, all tend to prove that it is not only of practical value, but has many points of superiority over both of the more familiar grain sorghums—milo and kafir. We have received news from every section of Oklahoma that feterita has withstood the drouth of the past thirty days and in practically every instance has matured where kafir and milo are complete failures. Feterita is the one crop that will beat the hot winds and drouth, by maturing thirty days earlier than kafir and fifteen days earlier than milo.

The feeding value of feterita as a grain and forage is equal in every way to kafir, and we believe it to be much better on account of the grain being

larger and much softer than kafir. It can be fed to good advantage without being ground, which is necessary to obtain best results with kafir.

This department has prepared a bulletin entitled "The Value of Feterita As a Drouth Resistant Grain Sorghum," which will furnish all information, including planting, harvesting and its value as silage. It will be mailed free on request.

U. P. Will Run Crops Train

The Union Pacific railroad will run a special forage crops train in western Kansas September 15. The speakers on the train will be from the agricultural department of the Union Pacific railroad and the extension department of the International Harvester Company. They will advocate the more general growing of forage crops. Special attention will be given to alfalfa.

About twenty stops will be made in Kansas, the first one being at Bunker Hill in Russell county. The speakers on the train will be: P. G. Holden, R. A. Smith, J. C. Haney, C. H. Allen, C. W. Farr, R. W. Lamson, W. R. Baughman and J. E. Waggoner.

Here is the schedule of the train:

September 15.	
Bunker Hill	8:00 a.m.
	10:00 a.m.
Russell	10:30 a.m.
	12:30 p.m.
Hays	1:30 p.m.
	3:30 p.m.
Ellis	4:00 p.m.
	6:00 p.m.
Wakeeney	7:00 p.m.
	9:00 p.m.
September 16.	
Collyer	8:00 a.m.
	10:00 a.m.
Quinter	10:30 a.m.
	12:30 p.m.
Grainfield	1:30 p.m.
	3:30 p.m.
Grinnell	4:00 p.m.
	6:00 p.m.
Winona	7:00 p.m.
	9:00 p.m.
September 17.	
Luray	8:00 a.m.
	10:00 a.m.
Waldo	10:30 a.m.
	12:30 p.m.
Plainville	1:30 p.m.
	3:30 p.m.
Palco	4:00 p.m.
	6:00 p.m.
Hill City	7:00 p.m.
	9:00 p.m.
September 18.	
Morland	8:00 a.m.
	10:00 a.m.
Hoxie	11:00 a.m.
	1:00 p.m.
Menlo	1:30 p.m.
	3:30 p.m.
Colby	4:00 p.m.
	6:00 p.m.
Oakley	7:00 p.m.
	9:00 p.m.
September 19.	
Sharon Springs	8:00 a.m.
	10:00 a.m.

Proud of Kansas Institutes

When the American Association of Farmers' Institute Workers meets in Washington next November, Edward C. Johnson, superintendent of farmers' institutes at the Kasas Agricultural college, will tell how Kansas developed an efficient organization of farmers' institutes. The national association recognizes the superiority of the system of organization fostered by J. H. Miller, dean of the extension division at the Agricultural college, and has asked Superintendent Johnson to describe the system and its results. Programs announcing the next annual meeting have just been received at the Agricultural college. Dean Miller is vice president of the national association.

The farmers' institutes of Kansas are permanent organizations with regular officers and committees and meet several times every year. In this they differ from institutes in other states where they are temporary organizations and hold no meetings except the one annual meeting attended by college representatives or other outside speakers.

The horse stable should contain windows on all sides for a good circulation of air, and the stable doors should be arranged to be left open on all hot nights and at all times when the animals are feeding or resting in their stalls. The horse is always more or less heated after a day's work, and it cannot rest well until it has fully cooled off.

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making a one-piece fabric without the extra weight of waste wire. Made of special Open Hearth wire, heavily galvanized with pure zinc. Strongest and most durable fence produced anywhere. Thousands who use it say it's best.

Investigate it, anyway. Read "How to Test Wire" in our new catalogue (sent free) which also shows the many different styles and sizes of "Pittsburgh Perfect" Fence for Field, Farm, Ranch, Lawn, Chickens, Poultry and Rabbit Yard and Garden.

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Plants to Defy Weather

Work Which Every Farm Boy Would Like

BY H. WILLIS SMITH, Garden City.

Here are pictures of some of our grain sorghum breeding plots. I hope they may stimulate an interest in the hearts of farmers, and especially of farmers' boys in the wonderful possibilities to be attained through plant breeding.

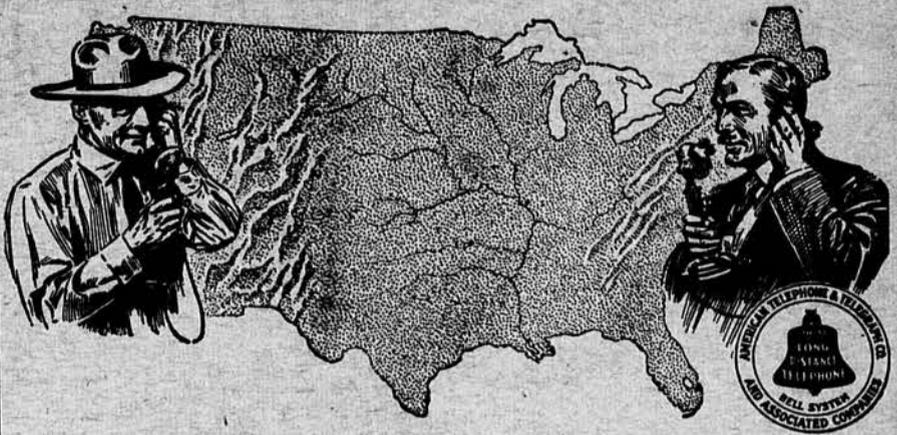
The first picture (Fig. 1) shows at the left two rows of a grain sorghum produced by crossing kafir or Dwarf milo and then selecting the desired type from the progeny. The selections were planted in headrows until the desired type was established. The rows to the right are of a variety produced by crossing Jerusalem corn (White Durra) with Amber sorghum, and developed into a variety by the same means as already described. We planted the two varieties side by side last spring for the sake of comparison. When the plants were small the variety at the right was attacked by a fungous disease which killed the heart of the most of the young plants. This caused them to stool badly and in many instances either killed the plants or seriously injured them. The variety at the left was immune to this trouble so you see the difference in the stand as represented by the picture. At that time we were jubilant over pro-

taught to the farm boys. If you want them to stay on the farm show them how they can accomplish something of merit there and they will be interested.

Fig. 2 is an experiment plot of ten rows. These are headrows of various hybrids. These ten heads were all selected from plants of promising types. All were planted the same day and all received the same care.

Note that rows No. 1 and No. 2 are a very good stand. They required considerable thinning. No. 3 was seriously thinned by the grasshoppers when the plants were very young. No. 4 was completely destroyed. No's 5, 6 and 7 were severely thinned by hoppers while No's 8, 9 and 10 were completely destroyed. This experiment demonstrates clearly that even hopper resistance can be developed by selection as well as any other quality.

We have another variety which maintained almost a perfect stand even in the last row next to the grass where the hoppers took out the complete stand of Mammoth Blackeyed cowpeas from the alternate rows and right at the end of these rows almost exterminated another sort 100 feet from the grass. In another place we had Amber sorghum,



The Merger of East and West

*"But there is neither East nor West, Border, nor Breed, nor Birth,
When two strong men stand face to face, tho' they come from the ends of the earth!"*

—KIPLING.

In the "Ballad of East and West," Kipling tells the story of an Indian border bandit pursued to his hiding place in the hills by an English colonel's son.

These men were of different races and represented widely different ideas of life. But, as they came face to face, each found in the other elements of character which made them friends.

In this country, before the days of the telephone, infrequent and indirect communication tended to keep the people of the various sections separated and apart.

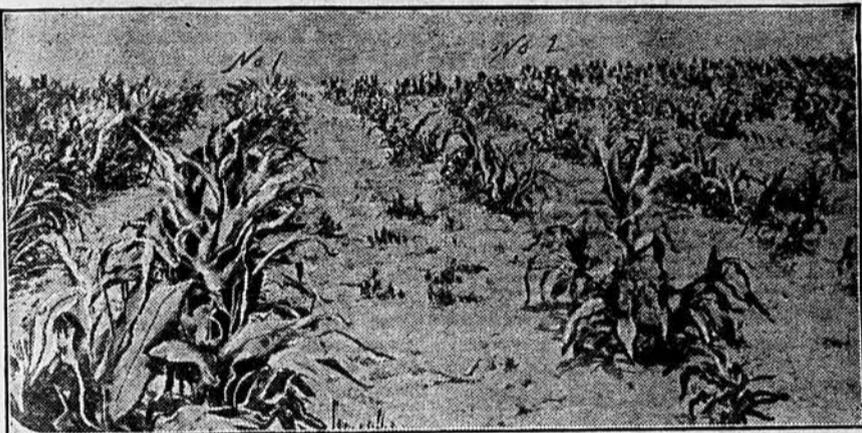
The telephone, by making communication quick and direct, has been a great cementing force. It has broken down the barriers of distance. It has made us a homogeneous people.

The Bell System, with its 7,500,000 telephones connecting the east and the west, the north and the south, makes one great neighborhood of the whole country.

It brings us together 27,000,000 times a day, and thus develops our common interests, facilitates our commercial dealings and promotes the patriotism of the people.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
AND ASSOCIATED COMPANIES

One Policy One System Universal Service



Jerusalem Corn and Amber Sorghum Cross Breeding.

ducing a sort immune to this disease but we were to receive another surprise. Later in the season the variety at the left became seriously infested with Aphis (lice) while the sort at the right seemed almost immune.

Variety No. 1 is a fine forage plant but of dwarf habit and early, while No. 2 is strictly a grain sorghum, producing plenty of good heads. Our experiments thus far have shown that we are not done with the developing of an ideal type. Both are good, perhaps considerably better than their parents. Both are faulty but their faults are not of the same character. Both are early and routh resistant. Now we see another possibility ahead of us. It is the developing of a variety immune to fungous diseases and also immune to the serious injury which is often caused by Aphis.

This possibility lies in again crossing these two sorts. After the cross is effected, the progeny will again split up in regard to characteristics and their various combinations. These can be developed by the breeds by careful selection of desirable types which should be planted in headrows in isolated plots. In this way any desired type may be obtained and become an established variety.

Such work is delightful and should be

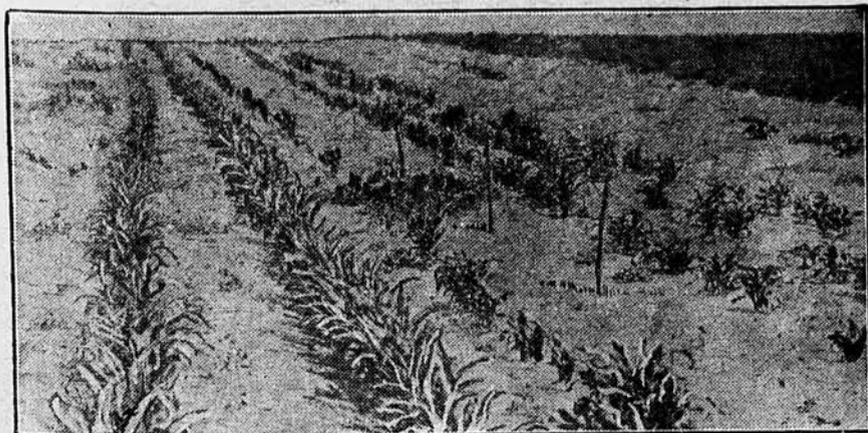
Minnesota Amber, Sudan Durra, and White cane planted in alternate rows between rows of these same cowpeas. The hoppers exterminated all of them, leaving a complete stand of the cowpeas.

Taking it for granted that in both instances the hoppers ate what they like best it is evident that the one variety was very distasteful to them, yet it produces as good and palatable a grain as any of the others.

We have a little native bean closely related to the cowpeas and the hoppers do not seem to care for it, yet horses and cattle will eat it greedily and at the same time refuse to touch a cowpea vine. It seems that their taste is quite differently developed from that of other creatures. Herein nature has left a wonderful opening for the careful observer and breeder of plants.

Weevil is Not Spreading

The alfalfa weevil has not spread itself over any considerable amount of territory beyond its range of occurrence last year. This enemy of alfalfa, which was imported from Europe and was first discovered by the farmers around Salt Lake City, Utah, in 1904, is still, so far as known, restricted to northern Utah, southeastern Idaho, and southwestern Wyoming.



Different Types Planted the Same Day.

Timely Suggestions for **KEEN KUTTER** Quality Tools

WITH fall so close it would be wise to look around and see what new tools you need, because there's always lots of sawing, repairing and altering to do about the place before winter sets in.

Whatever you buy—hand saws, braces, bits, planes, etc.—be sure they bear the famous Keen Kutter trade mark. That mark is your guarantee of quality, durability and moderate prices.

Keen Kutter tools and cutlery of all kinds are noted for their fine edges, sharp points, temper, and straight-grained, firmly-fixed handles.

Every Keen Kutter tool is guaranteed to give the fullest satisfaction or your money back from your dealer.

If not at your dealer's, write us.

"The Recollection of Quality Remains Long After the Price is Forgotten"
Trade Mark Registered. —E. C. SIMMONS.

SIMMONS HARDWARE CO., Inc.

St. Louis New York Philadelphia Toledo Minneapolis Sioux City Wichita

This Farmer Keeps Books

Two Entries in His System

BY F. B. NICHOLS

Field Editor The Farmers Mail and Breeze.

"IT IS easy to keep books on a farm. An elaborate system is not needed, for anyone can pick up the necessary information in a short time. I have been farming for 28 years, and have kept books all this time, and am certain it has made me thousands of dollars. If a man keeps books on a farm, he can be certain of just which lines are paying."

So said one of the most successful stock farmers of north-central Kansas recently. For business reasons he asked that his name be withheld. Continuing, he said:

"Many alleged farm bookkeeping systems have been proposed, but most of them have had too much red tape connected with them, and they have not been generally adopted. A farmer can't afford to give too much time to keeping books—and indeed it is not necessary. The simple system used by most merchants in the small towns is well adapted to farm needs, with some modifications. It doesn't take any special training to learn to keep books of this kind. One can soon pick up all the information necessary."

Only Two Books.

Two books are used in this set, a journal and a ledger—a double entry proposition. Every transaction involving cash, property or credit is recorded in the journal, with enough of the details given to make an intelligent record. From this journal—and every entry is made to show who received the cash or credit and what it was paid for—the accounts are posted to the ledger, under the proper headings. These may be balanced when it is desired and the books closed, to show the condition of the business. An inventory is taken July 1 of every year, when the books are formally closed, to determine the profit or loss. That is all there is to the bookkeeping that affects the business relations of the owner of the farm. In addition to this, careful accounts are kept of the costs of producing the livestock and crops.

"Too much guesswork and inflated atmosphere surrounds the cost of producing farm animals and crops," said this farmer who believes in determining the costs. "One frequently sees accounts of what farmers say it costs them to produce a carload of hogs or cattle or an acre of field crops; and in a large proportion of cases you can discover several items of dead expense which they failed to charge up. I believe in including everything."

"In the last seven years I have sold 2,318 hogs with an average weight of 233 pounds. These hogs cost me an average for this time \$5.87 a hundred to produce, and I made a profit of \$1.06 a hundred, or \$2.47 a hog. The cost of production is much higher than this just now, of course—for these hogs were fed grain that was cheaper than it is at present. The average price of the alfalfa fed these hogs for the seven years was \$9.23 a ton, and the corn was worth exactly 50 cents a bushel."

He Knows the Facts.

"I have made a profit on the hog operations every year except two, when I lost considerable money. From July 1, 1907, to July 1, 1908, we sold 317 hogs that weighed 55,700 pounds, but the price was low that year, and we received an average of but \$4.97 a hundred. Our cost of production amounted to \$365.92 more than the hogs brought. We also lost money for the year ending July 1, 1912. The price was fairly good that year—\$6.86 a hundred—but it was following the bad crop year of 1911, and corn was high—the average price being 64 cents a bushel. We sold 309 hogs, which we fed 6,056 bushels of corn, and after we had paid for all the feed and care we lost \$295.79 for the year on the hogs."

"The profits have been fairly good for the other five years out of the seven; some years they have been especially good. Our greatest net profit was for the year ending July 1, 1910, for we got a high price for the hogs on a reasonable price for grain. We sold 359 hogs that had a total weight of 85,380 pounds, and the average price received was \$8.70 a hundred. These hogs

consumed 142 tons of alfalfa that was worth an average of \$9.36 a ton and 5,696 bushels of corn that was worth 56 cents a bushel. The care of the hogs cost us \$426.90 and the interest, risk and taxes amounted to the same. After we had paid all the costs of production, we had \$1,982.58 left as the net profits. I wish we could have results like that every year."

It has been found that the average labor cost of keeping hogs on this farm is 15 cents a month, and the items of risk, interest and taxes amount to about the same. These two charges are just lumped on the cost account just like the overhead charges in a manufacturing business. The hogs are raised on alfalfa and corn mostly, alfalfa hay being fed extensively in the winter. The alfalfa eaten by the hogs on the pasture is estimated in terms of the probable hay yield.

No Stock Hogs There.

Considerable alfalfa hay is sold from this farm. The average price for the hay fed to the hogs is determined by averaging the price received for the hay sold. Most of the corn is bought, so it is easy to get this price. All the hogs are raised on the farm—no stock hogs are purchased. A 300-pound hog can be produced on this farm for 20 bushels of corn and the equivalent of 1,000 pounds of alfalfa hay—much of this hay being the more bulky pasture feed, of course. The feed is measured largely by taking the capacity of the bin or mow at the time the feeding begins and finding the amount that is left when the animals are sold. This method is not so exact as weighing, of course, but the owner believes it is near enough for practical purposes.

The same general system is used for

the steers. Here are the results with one lot of steers, just as they were set down on the books:

Account of steers marketed from the ranch May 19, 1913:	
Cost of 101 steers	\$5,813.00
4670 bushels of corn at 32 cents a bushel	1,494.00
186 tons of alfalfa at \$10 a ton	1,860.00
200 acres of stalk fields, at 75 cents an acre	150.00
15 acres of corn stover at \$2 an acre	30.00
5 tons millet hay at \$5 a ton	25.00
7 1/2 tons of oil meal at \$30 a ton	225.00
Interest on \$7,638 for 7 months and 15 days at 8 per cent	887.00
Labor of caring for the steers	380.00
Net profit	1,091.00
	\$10,955.00

2 injured steers sold at home	\$ 157.00
Net proceeds from 99 steers	10,798.00
	\$10,955.00

"These steers averaged 1,381 pounds each at Kansas City and sold for \$8.15 a hundred. They made an average gain while on feed of 360 pounds in 106 days, which is an average gain of 102 pounds a head a month. The average cost of the corn was 40 cents a bushel, 32 cents of which is charged to the cattle and 8 cents to the hogs, estimating that the hogs get 20 per cent of the value of the corn in the droppings."

The accounts of all the bunches of cattle fed on this farm are made out in this form. Some show a much greater profit and some show a loss. That's all in the feeding game, and the books show the success or failure.

The prices received for alfalfa hay in the last few years have shown considerable variation, but there has been a gradual increase. This table shows the prices that were received a ton for loose hay on the farm for the year ending on the dates given. If the hay was baled, the cost of baling and marketing was deducted:

July 1, 1907	\$ 7.80
July 1, 1908	9.34
July 1, 1909	7.30
July 1, 1910	9.86
July 1, 1911	6.84
July 1, 1912	11.56
July 1, 1913	11.55

The average price of the hay sold

from July 1, 1906, to July 1, 1913, was \$8.48 a ton.

The average price for the corn bought and delivered at the farm, a bushel, for the year ending on the date given, is given in this table.

July 1, 1907 .....	.32
July 1, 1908 .....	.46
July 1, 1909 .....	.57
July 1, 1910 .....	.56
July 1, 1911 .....	.39
July 1, 1912 .....	.64
July 1, 1913 .....	.42

Much of the labor on this farm is hired, and this cost has been carefully worked out. The owner said: "Farm labor costs more than it is generally supposed to cost. My average cost for single hands the year round is about \$2 a day and \$4 a day for a man and team, for the days that are actually spent in field labor. I have my own teams, of course, but I have to charge up heavy maintenance bills to them. It is not possible to get more than 20 days a month of actual field work out of the men on an average, although we will do better than this some months. The employer must allow for this deadhead time of the men when they are kept out of the fields by storms and other causes. Of course, they usually can be used on some labor around the buildings, but this generally is not very profitable work."

"We have not gone into the cost of producing field crops quite so carefully as with livestock, because the charges here are more fixed, they do not tend to vary so much from year to year. We know what these costs are however, and figure on them in determining the acreages of the crops. In determining the cost of farm crops, the items of machinery depreciation and interest on the equipment are frequently overlooked."

"The important thing is to keep a simple system of farm accounts—much the same as your grocer uses—which tell of the business transactions, and then to keep livestock and crops accounts, to determine the cost of production. Record what you have put into your livestock—determine what they have cost you—and when this is compared with the receipts and the inventory values you have the results in that line for the year."

"A simple system of farm bookkeeping should be considered just as essential as the recording of the check in your check book when it is issued. An accounting system places farming on a business basis—it shows the leaks and profits—and by doing this it shows the way to increase the net receipts, and that's what interests us all in this farming game."

How I Grew 60-Bushel Wheat

I grew wheat this year in four fields. In the largest piece of 68 acres we had a yield of 1,862 bushels. The second field of 18 acres returned 489 bushels, a third 12-acre patch made 360 bushels, while the fourth, a 10-acre lot, made a crop of 606 bushels. Thus the first three fields averaged almost 28 bushels an acre while the 10 acres show a fraction over 60 bushels an acre.

My land lies in the bottom between the Black Vermillion and West Fork rivers. I have been growing wheat and oats on it most of the time for several years. I had wheat on it a year ago last winter and it froze out badly. The man on the place listed up a part of it and put in corn. This included the 10-acre field. The stand was poor and he replanted, splitting the ridges. The second stand in the 10-acre field also turned out poor and was again replanted by going through the old rows. The stand was fine this time but as it was getting late my man went into the corn with the Monitor. In a few days he again had no corn as the ground was so loose and dry the tender plants could not stand the working.

The 10 acres were then allowed to grow up to weeds but before any could go to seed I went through and cut out all the cockleburs and sunflowers. After all the wheat in the community had been sown last fall, I took a heavy float and went over the field crosswise of the ridges. I followed with the plow, then floated again. It was still a rough job but I drilled in 1 1/4 bushels of ordinary Russian seed wheat such as I have been raising for years. The result was as I have told you. This particular patch is very rich soil and I have had German millet on it that grew 11 feet high.

Rezin Clark.
Frankfort, Kan.

Too Much Rural Uplift?

Farm Problems Can Be Solved Only by Men Who Really Know Them

BY PETER RADFORD.

Never in modern history has there been so many movements organized in the United States to help farmers as at present, and there are many "cure-alls" with free samples for every ill that besets agriculture. No farmer should put out a "No Help Wanted" sign, but it is important that he employ only the kind of help he needs.

A great many people believe that because a farmer pulls off his coat when he thinks, he is not capable of understanding his problems. Men can sit in libraries surrounded by books and papers and concoct schemes to cover the valley with grain fields and the hills with flocks and herds, and honestly believe they can make a farmer enough wealth to ransom a king, but a farmer knows better than to exchange magic for common sense.

Men skilled in trading may feel capable of instructing the farmers in the art of managing nature, but a farmer knows that Mother Earth will not be deceived. The problems of agriculture are as serious as the multiplication table, and they cannot be solved by agricultural magicians making miracles to order or by seeking marketing through faith, hope and charity. It is a cold business proposition.

The farmer can only be helped through common sense and co-operation. The farmer is able to get about on the farm, but he loses his way in the market places, and it is there he most needs assistance.

Too Many Organizations.

There are too many agricultural associations. The mania for organization is causing confusion of effort and a wasting of energy. Everybody, including the government, wants to organize the farmers, and if a farmer joined all the associations and read all their literature he would have no time to plow. The farmers do not need organization so much as co-operation, and plans should be formulated by which the government can effectively co-operate with associations which the farmers have organized, and business men—should co-operate in

their efforts with regular farmers' organizations.

The recent appropriation of \$50,000 by the federal government for marketing, followed by an appropriation of \$15,000 by the Texas Legislature, and with other states giving consideration to marketing problems, renders an imperative necessity for organization among the farmers. A farmer can produce without organization, but to successfully market, he must unite with his neighbor. Our governments, both state and national, are now brought face to face with the problems of agricultural organization in order to deal successfully with the marketing problem.

The National Farmers' Union is the most powerful organization on the western hemisphere, and it has taken half a century of effort and hundreds of thousands of dollars to build up the farmers to their present degree of organized efficiency. This powerful machinery already in operation should be utilized by the government in its marketing plans and all local unions should be willing to co-operate with governmental agencies in solving the market problems.

A farmer is always inclined to look a gift horse in the mouth, but the government is his, and in accepting the good offices of government he is taking his own money and utilizing his own agencies. Every voter who gets garden seed from his congressman knows there is power in government, and can realize how important it is to find a market for the products.

In taking hold of marketing, the government is tackling the biggest business proposition of any age or nation, and one that will require the combined efforts of all the powerful agencies of civilization. The producer must thoroughly organize the railroads, express agencies and parcel post; all gigantic forces in commerce must be swung around the proposition in an orderly and harmonious manner, and governmental assistance is necessary in order to develop working plans.

Don't Forget Strawberries

Fall Types Equal the Spring Crop

BY F. B. NICHOLS.

Field Editor The Farmers Mail and Breeze.

STRAWBERRIES can be grown in the fall that are the equal of the spring types so far as flavor and size are concerned, and they will give almost as good a yield. These fall varieties are entirely distinct from the spring types; for while it is true that some of the spring varieties, as the Senator Dunlap, will sometimes bear fruit in the fall, the amount usually is not large. The fall berries so far have not been much grown in the West, but there are some very extensive plantings in the East.

Fall strawberries are handled much the same as the spring types, the difference being that the blossoms should be kept picked off in the spring, as this will encourage fruiting in the fall. It is especially important with the fall berries that the vines should be set especially early in the spring; as unlike the spring berries they bear a good crop the first year, and it is important that they should have an early start.

L. J. Farmer, Pulaski, N. Y., grows more fall strawberries than any other person in the country; he now has about seven acres of plants. I visited



The Children's Share.

his place to learn of his methods of cultivation, and while there asked him just how a grower should begin growing these berries. Mr. Farmer said:

"A grower should start into growing this fruit on a small scale, and his acreage can increase later with his experience, if he desires. I would get a few plants—a dozen or more—of each of the four leading varieties, which are the Americus, Francis, Superb and Productive. The Productive will give the largest yields, but the quality is not quite up to the standard of some of the other varieties. The Americus is perhaps the best variety adapted to the general grower.

Careful Cultivation Needed.

"Set the plants early in the spring and cultivate them carefully, and the methods of cultivation will be much the same as for the other kinds. Fruiting has a tendency to stop the production of plants, so the blossoms should be kept carefully picked off until about August 1. This work will require the time of one man to about four acres on large plantings, but of course it does not take much time for small home plantings. The picking the second year need not be continued for so long. Pick all the blossoms the second year about the middle of May, and give a second picking two weeks later, and that is all the picking that need be done."

The fruit usually will begin to ripen about the third week in August, if the picking of the blossoms has been discontinued about the first of the month. The vines will continue to bear fruit until hard freezing weather; the first light frosts will be a positive benefit to the plant as they will kill the blossoms, and allow the vines more energy to mature their fruit. The vines should be mulched in the winter if that is the rule with the spring berries, as it is in

most localities north of the southern states.

This mulching material may be applied either when the ground is frozen or before, but if it is applied before it should be dropped at the ends of the rows and carried in over the beds. If one waits until the ground is frozen, the wagon may be taken out over the beds, and the mulching material then can be dropped where it is the most convenient to spread. This mulching material should be spread about three inches thick, and the rain and snow will pack it down until it is about an inch thick.

Strawberries will not smother, no matter how deep the covering is, if the mulching material is not applied too early in the fall nor left too late in the spring. Clean straw and marsh hay make good mulching material. The cultivation should be continued the second year, but the picking of the berries need not be continued so long.

The Productive is the strongest growing variety, and it will produce the largest yields. The plants are large and well rooted and the fruit is large. This is a pistillate flowered plant, and this must be kept in mind in setting out the plants; that is, a perfect flowered variety must be set near to aid in the fertilization. It has firm fruit and it is a good shipper.

For Home Use.

The Superb is a perfect flowered plant, and it has a large number of runners. It stands the winter well. The Francis is a good variety in some ways, and the quality of the fruit is fine, but the plants are not such strong growers as some of the other varieties, and for this reason it is not so well adapted to the general grower as some of the other varieties. The Americus is a perfect flowered plant that produced a fine quality of berries, and it is well adapted for general growers.

Fall strawberries are coming into general favor. A small patch is fine for home use, and the more extensive growers are certain of a good market, for fruits that are out of season always bring high prices. Mr. Farmer has been getting an average of 25 cents a quart for his fruit, delivered at his local loading station. There is no danger but what the market will take all the berries that are offered in the fall.

Fruit Growers Will Meet

An event of national importance to fruit and nut growers will take place in Washington, in November. The American Pomological society, the Society for Horticultural Science, the Eastern Fruit Growers' association and the Northern Nut Growers' association will meet at this time as a unit event designated as Fruit Week. The programs and business of the separate organizations will be conducted independently in the same building, while all exhibits will be displayed in common though entries shall be made through the respective bodies, thus keeping the identity of each intact.

The material already promised for the several programs indicates an exceptionally interesting and valuable series of addresses and lectures both in text and illustration. Exhibits are assured from Cuba, Porto Rico, Hawaii, the Philippines, Canada and all the leading fruit growing sections of the United States.

Ample cold storage space has been provided near the meeting place and persons contemplating making an exhibit of perishable fruits may forward material well wrapped and packed to the Washington Market Company which will care for it at a nominal charge. All packages should be plainly marked "for the American Pomological Society." Requirements for exhibit space should be filed before October 15 with the secretary of the American Pomological Society, who may be addressed at 2033 Park Road, Washington, D. C. The meeting will be from November 17 to 22.

Good orchardists say that an orchard neglected for one year, that is, without spraying or pruning and cultivation, puts it back fully three years.

We Have 21 Ways of Helping You In Personal Letters

With an expert authority at each "way" to point you right. This is the widely known personal service back of *The Ladies' Home Journal* that it has taken 20 years to build up and was used the last twelve months by more than a quarter of a million women without a penny's charge. Not through the magazine and in print, either, but personally, directly and confidentially, by mail: in personal letters sent to you the moment your question comes.

Here are the 21 "ways" of this personal service: Any question about

1. Clothes: Girls', Women's or Children's;
2. Millinery: Making or Trimming a Hat;
3. Etiquette: Good Manners and Good Form;
4. Pretty Girl Questions: Beauty and Health;
5. Building a Little House;
6. How Can I Make Money at Home?
7. Piano Questions: By Josef Hofmann;
8. Books and Reading: By Hamilton W. Mabie;
9. Correct Speaking and Writing;
10. Social Work in the Church;
11. Any Kind of Needlework;
12. The Table, Cooking and Menus;
13. School Entertainments;
14. Every Kind of Home Party;
15. Any Kind of Music;
16. How Can I Run My Home More Easily?
17. Prospective Mothers;
18. The Baby: Food, Care, Clothes;
19. Girls' Heart "Affairs";
20. Interior Decoration;
21. Quotations and Dates.

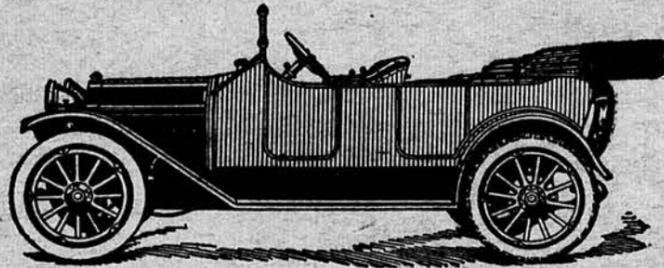
Pretty complete, isn't it? Where it isn't, there is another department that covers anything not included above.

And all at the free service of any reader of *The Ladies' Home Journal*, whether she buys the magazine or subscribes for it. A booklet, entitled "The Story of 600,000 Invisible Hands," tells something about this service. A postal-card request will bring a copy.

A year's subscription to *The Ladies' Home Journal*, by mail, costs \$1.50, or it may be bought from any Newsdealer or Boy Agent at 15 cents a copy.

THE CURTIS PUBLISHING COMPANY
INDEPENDENCE SQUARE
PHILADELPHIA, PENNSYLVANIA

Paige Model Glenwood,
6-passenger touring car, \$1275



As Quiet as the Watch in your pocket

YOU can't hear a Paige motor running unless you stop and listen. There's probably not a Paige owner anywhere—of all the thousands—who hasn't gone around in front to crank his car many a time when the engine was running.

A quiet motor—as quiet as the Paige motor—is something to be proud of in your car.

But it is more than merely "nice" to have a quiet motor. A quiet motor is a sign of careful workmanship, hair-line precision in the grinding and fitting of parts and no lost motion or lost power.

PAIGE 36

\$1275

Gray & Davis Electric Starting and Lighting System, Silent Chain Driven Motor Shafts, 116-inch wheel base, 34x4 inch tires, left-side drive, center control, multiple disc cork insert clutch, Electric horns, Jiffy curtains, non-skid tires in rear, rain-vision wind shield

The Paige "36" is an extraordinary car at an unusual price. There's no other car to match it for the money, few that even approach it. A big, powerful car built just as carefully throughout as its motor is built, and equipped like the cars that sell for twice and three times as much.

We can't begin to tell you about the Paige "36" in space like this. Come see the car. Come ride in it. Come drive it. Then you'll begin to realize why we call it a next year's car.

There's a Paige dealer near you. If you don't know him write us. Get our new catalog at once.

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Makes Every Gasoline
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Polarine

FRICION REDUCING MOTOR OIL

Polarine starts to lubricate at the first turn of the motor—even in winter, after standing for hours at a temperature of zero. It maintains the correct lubricating body at any motor speed or heat, on the hottest summer day.

It penetrates to every part and gives it full protection. It keeps friction at the no-wear point and thus obviates many costly repairs. And it serves in any type of motor—motor cars, motor boats, motor trucks.

Don't spoil a good motor with poor oil. And don't judge motor oil by appearance. The poorest oils may look as good as the best.

Polarine is made by the World's Oil Specialists after fifty years experience with every kind of friction problem. Present day possibilities do not permit of the making of any better oil. All our vast facilities and resources are concentrated on Polarine. Get a can today.

STANDARD OIL COMPANY
(AN INDIANA CORPORATION)
Makers of Special Lubricating Oils for Leading Engineering and Industrial Works of the World

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 seasonable and likely to help some of us who may need the information. Your letters are always welcome. Subscriptions to the Farmers Mail and Breeze or other good publications for best letters received. Address Editor The Farmers Mail and Breeze, Topeka, Kan.

It is said there is no loss without is no preventing Providence." Corn is some gain. Perhaps this is true for this very dry up about half way and then drouth has resulted in the digging of the leaves are green. Ears are seldom many wells and some of them have found, but we do not care to be in too proved good ones. A well which fur- much of a hurry with the cutting. All nishes plenty of water now is not likely seem to agree that this work should be to fail at any subsequent time. put off as long as possible, for August is mighty early to cut corn in Kansas.

The corn we have cut so far has taken about a pound and a half of twine to the acre.

On this farm we have been taking turns at corn cutting and well digging. As fast as the corn dried enough to cut, we cut it; then, while waiting on another field we would take a turn at the well. After going through two feet of top soil we struck something like joint clay, which was about 18 inches thick. We then struck sand rock. On top of the sand rock was a seep which makes several pailsful a day.

We then left the well and cut an eight-acre piece of corn. This corn had almost no ears on it but it made a fair tonnage of fodder. It was listed but for some reason it dried up as quick as any top planted corn on the farm. The rest of our listed corn is by far greener than any other corn we have. It will not do to cut for at least a week.

After cutting that eight-acre patch we tackled the well again. We dug through soft sand rock for about five feet. It was in seamy layers and we could take out a two-foot layer by using one shot of black powder. After getting down about 12 feet we cleaned up smooth across the bottom and drilled down to put in another shot.

The hole we drilled, about 30 inches deep, was dry but the force of the blast went down and opened a seam from which water soon began to rise. We struck the source when down about 14 feet and we are now just below the level of it. It is a seam in the soft rock from which water comes in around the well. From the looks of things now, it will furnish water enough for about half our stock. It may make more when we get well below it or we may possibly strike more lower down, for we do not intend to stop with this but are going on down so long as we are in sand rock.

Since we struck the water we have had to use dynamite instead of black powder. Many say that dynamite does not need to be tamped and that it will do as much execution if the hole is filled with water. We have not found it so; the first two shots we put in and covered with water and mushy dirt, just blew out the hole. It amounted to no more than firing a charge from a shotgun.

A neighbor, who was cutting corn across the fence, has had a good deal of experience in blasting and we went over and asked him about shooting with dynamite. We had never used anything but black powder and did not want to make any mistake. A man never learns from his dynamite mistakes for there is usually never more than one. This neighbor said that to do much dynamite had to be tamped and he came over and put in a shot for us. No tamping was done until the dirt was far enough from the cap so there would be no explosion and then he tamped it as hard as one would in using black powder.

In this wet hole, clay or soft sand rock could not be used for tamping, as it would mush up and could not be tamped at all. So some shelly lime rock was pounded up and the hole tamped with that. One whole stick of dynamite was used and more than half the bottom of the well was loosened to the depth of more than two feet. We are now in a bluish sandy rock, which is becoming harder; it has no seams and the edges cannot be picked off as could the edges of the yellow sand rock.

We will finish the most of the corn cutting next week if, as an old New England neighbor used to say, "There

is no preventing Providence." Corn is very dry up about half way and then the leaves are green. Ears are seldom found, but we do not care to be in too much of a hurry with the cutting. All seem to agree that this work should be put off as long as possible, for August is mighty early to cut corn in Kansas. The corn we have cut so far has taken about a pound and a half of twine to the acre.

The earliest we ever cut corn in Kansas before was in 1901. In that year we began cutting August 27. We feared then that the corn would dry up but it did not seem to, and when we finished cutting the fodder did not seem much drier than when we began, and no rain had fallen in the meantime. The latest we have ever cut corn in Kansas was in 1904, when we finished a field about November 1 and just kept comfortably warm with heavy duck coats on, working on the old fashioned one-man sleds. There is no indication that we will need duck coats in corn cutting this year.

Our little half inch shower encouraged the kafir enough so that it has started out a few small heads. Could we have had rain a week ago we would have had quite a lot of kafir but it is now too late for rain to help the crop. Even should copious rains fall tomorrow kafir would make but little grain; the heads would be small and it would not ripen. The best we will get from the kafir this year is some fodder and the tonnage of this will not be nearly so much as that of the corn.

Justice may be long delayed, but, in every case, it will finally arrive.

LIGHT BREAKS IN

Thoughtful Farmer Learns About Coffee.

Many people exist in a more or less hazy condition and it often takes years before they realize that tea and coffee are often the cause of the cloudiness, and that there is a simple way to let the light break in.

A worthy farmer had such an experience and tells about it, in a letter. He says:

"For about forty years, I have had indigestion and stomach trouble in various forms. During the last 25 years I would not more than get over one spell of bilious colic until another would be upon me.

"The best doctors I could get and all the medicines I could buy, only gave me temporary relief.

"Change of climate was tried without results. I could not sleep nights, had rheumatism and my heart would palpitate at times so that it seemed it would jump out of my body.

"I came to the conclusion that there was no relief for me and that I was about wound up, when I saw a Postum advertisement. I had always been a coffee drinker, and got an idea from the ad, that maybe coffee was the cause of my trouble.

"I began to use Postum instead of coffee and in less than three weeks I felt like a new man. The rheumatism left me, and I have never had a spell of bilious colic since.

"My appetite is good, my digestion never was better and I can do more work than before for 40 years.

"I haven't tasted coffee since I began with Postum. My wife makes it according to directions and I relish it as well as I ever did coffee, and I was certainly a slave to coffee."

Name given by Postum Co., Battle Creek, Mich. Write for copy of the little book, "The Road to Wellville."

Postum comes in two forms:

Regular Postum—must be well boiled.

Instant Postum is a soluble powder.

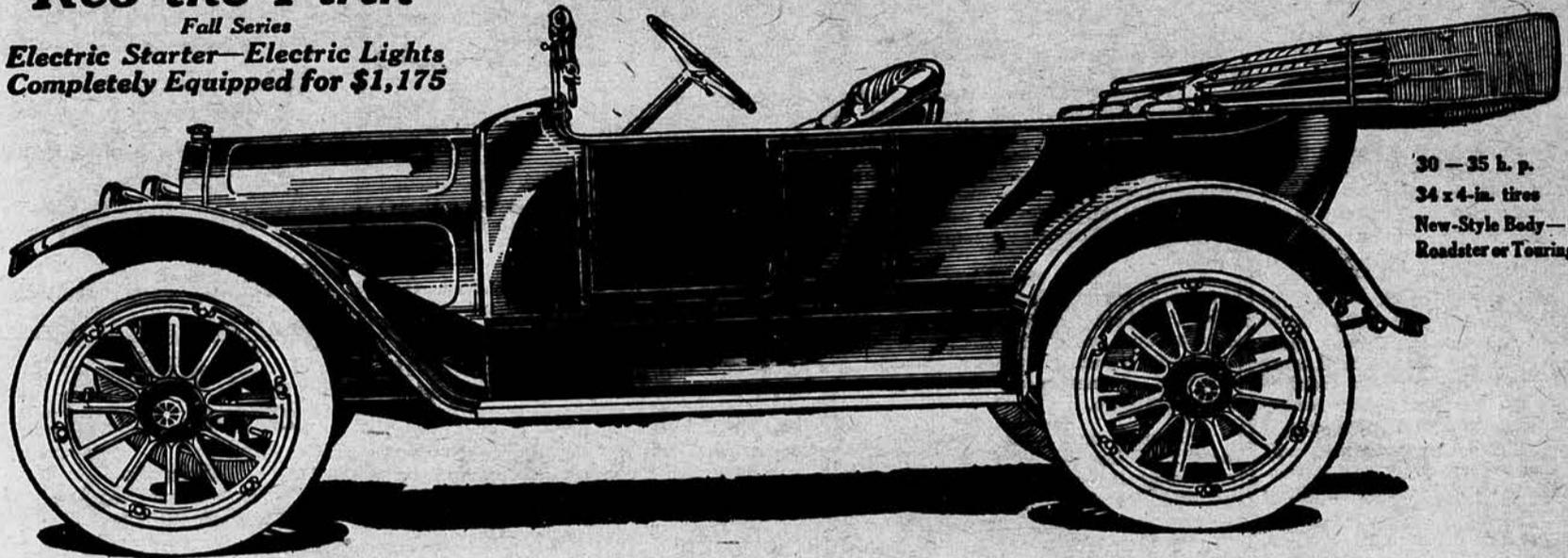
A teaspoonful dissolves quickly in a cup of hot water and, with the addition of cream and sugar, makes a delicious beverage instantly.

"There's a reason" for Postum.

Reo the Fifth

Fall Series

Electric Starter—Electric Lights
Completely Equipped for \$1,175



30—35 h. p.
34 x 4-in. tires
New-Style Body—
Roadster or Touring Car

Now \$220 Less

Last season's model of Reo the Fifth, with electric starter and complete equipment, sold at \$1,395. And the year was our record year, exceeding our previous year by 25 per cent.

Now we have added many improvements. And, without sacrificing one feature, without skimping one part, we are quoting the car at \$1,175 complete.

This is how we have done it:

The best electric starters cost much less this year. Our chassis is standardized. Our capacity is largely increased.

All the special machinery, jigs and tools for this chassis have been charged against previous output. These items from now on are wiped out from our cost.

So we offer you now the best car that R. E. Olds ever built. We offer the handsomest car that ever went from this factory. And we offer a price \$220 less than a car of this class ever sold for.

This is the greatest innovation which has ever been offered in the history of the Reo concern.

Reo the Fifth with Many Improvements

The New Things

Now comes this car with a new-style body—a low, rakish, low-hung body. A wider body. A cowl-front body with a gondola back—the very latest mode.

The instrument board, with all instruments set flush, is brought within reach of the operator.

The windshield is ventilating, clear vision and rain vision. The search-lights have dimming attachment. The upholstery is deep and soft.

There's a new-style tire carrier on the back, which also holds the tail light and the number tag in a manner which complies with all laws.

We add an electric horn.

The transmission has been changed in ways which accomplish utter silence.

Electric Starter Electric Lights

Now Reo the Fifth comes completely equipped with all that modern cars require. No extras are needed.

Electric self-starter—electric lights. Speedometer—windshield—electric horn.

Mohair top, curtains and envelope. Extra demountable rim. Tools, robe rail, etc.

Our Exclusive One-Rod Control

This car alone has our center rod control. A rod which connects directly with the gears. No outside levers, no connecting links.

The gear shifting is done by moving this rod only three inches in each of four directions. And the rod isn't in the way.

No side levers, no brake levers. Both brakes are operated by foot pedals. The driver's entrance from either side is clear. These appealing features are found in no other car.

Every Feature Retained

We still retain every costly feature which made this car distinctive. It is still the best car R. E. Olds can build, after 26 years' experience.

The steel is twice analyzed, so the strength is made certain. Each vital part, at much added cost, is given 50 per cent over-capacity.

The gears are tested for 75,000 pounds per tooth—the springs for 100,000 vibrations.

The car is over-tired. We use 15 roller bearings and 190 drop forgings. The carburetor is doubly-heated.

All the extremes, all the costly precautions which made this car famous are here. All the tests and inspections—all the margins of safety—all the utter exactness. This car is built for low cost of upkeep, and to run year after year as well as it runs when new.

Now with all these unique features, with all these improvements, we quote you a saving of \$220. That's the result of three years' concentration on a single model. Such a car at such a price would be otherwise impossible.

Look where you will, you will not find a car you would think of preferring.

We have dealers in a thousand towns. Go see this new model and ask when you can get one. Also write for our catalog with full specifications, details and comparisons.

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

Canadian Price, \$1,575. Factory, St. Catharines, Ont.



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This store's conveniences are free to you. Use our rest rooms, free check stand and telephones.

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large varieties and right prices are the three strong points that make the demand for this Big Store's merchandise. You will always find what you need here whether your requirements are for serviceable or luxurious garments, fabrics or furnishings.

When you order by mail you will get as good merchandise and attentive service as when you come to the store to shop.

Remember our offer to refund railroad fare according to purchase, or pay express and parcels post on mail orders in Kansas.

THE MILLS DRY GOODS CO.
Topeka, Kansas

SOMETHING NEW
BIG SPECIAL SALE IN A VERY HANDSOME **BLACK VELVET DRESS HAT**



Order Quick if You Want One!
98¢ POST PAID

For Fall and Winter Wear. A Marvel of Quality and Style in a Correct Fall Model.

In order to show you what fine values your money will secure in our mammoth lines of wearing apparel, and to get you started dealing with us, we offer here, at an extra special sale price for a limited time only, one of the very latest and newest creations in a lady's black velvet dress hat.

THE HAT has a medium large round-top velvet crown; drop brim of plaited satin. The velvet band around crown fastens in a tailored bow at front. Feather stick-up ornament of black mingled with bright color. Color: Black with colored feather ornament.

Order direct from this advertisement by No. 5C1017; or we will ship

C. O. D. Send 50c as a deposit, and we will forward first quality, newest and most stylish hat for the money you ever bought, return it, and get your money back; otherwise, keep hat and pay balance. We also send you, FREE, our **WEARING** which shows a very complete line of mens, womens and children's wearing apparel, **APPAREL**, including shoes. Don't buy elsewhere, but first see this fine **FREE** catalog. **WE DIVIDE OUR PROFITS WITH YOU** through Surety Coupons when \$1.00 accompanies order for this hat. No coupons issued if hat is sent C. O. D.

THE JONES STORE CO., Owner and Operator of **JONES, POST & CO.**
54 Jones Bldg., KANSAS CITY, MO.



GET THIS CAR FREE
Students who take my course in motoring and qualify for the Agency receive this big 50 H. P. Coey Flyer with it one cent in cash.

MY BIG BOOK TELLS HOW—I WILL SEND IT FREE
Also first lesson to every one answering this ad.

C.A. Coey, Pres., C.A. Coey's School of Motoring
Dept. 220, 1424-26 Michigan Ave., Chicago.

Organs, \$15 to \$30. Highest Grade
Estey, Mason & Hamlin, Story & Clark, Kimball-C. Cottage & Co. Slightly used; like new. Write today. **Jenkins Sons Music Co.,** Kansas City, Mo. Reference, any bank in Kansas City

Land Opportunity
Is for the man who carefully investigates before he buys. There are many large and small tracts of good land along the Union Pacific System Lines. Your land opportunity is among them. I will give you free authentic information concerning any of these tracts if you will write to me. It will pay you to investigate before you move.

R.A. SMITH,
Colonization and Industrial Agent,
Union Pacific Railroad Co., Room
1886, Union Pacific Bldg.,
OMAHA, NEB.

The WOMEN FOLKS
Conducted by  Mabel E. Graves

We want this department to be of practical use to the women who read the 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.

A reader asks, "Will someone please tell me why the grease and lye will sometimes separate in making soap, and act like curdled milk? Is there any way to make soap out of it after this has occurred?" Someone knows the answer to this, I'm sure.

A Kansas man whose Plymouth Rock hens had learned the bad habit of squeezing through the meshes of their poultry fence has tried putting yokes around their necks. The biddies showed the greatest surprise when they found they couldn't go through where they had gone dozens of times before, but the experiment is a success.

Topeka women have opened a fight on the billboards, which are spreading through the town. They have announced that they will not buy any goods advertised on the billboards nor buy of the merchants who advertise on them. Billboards anywhere, in town or out of it, are a blot on the landscape and a nuisance generally; but team work on the part of a good many people is the only thing that will get rid of them.

When you come to the Topeka State Fair next week, don't forget to make the Mail and Breeze building your home while you are on the grounds. There are all conveniences there for your comfort. Have your mail directed there. There will be a mail box, and the postman will collect and deliver mail four times a day. There will be a telegraph line to the building, and free telephone service. Come and rest and enjoy yourself.

Prizes For the Women Folks.
Plans for the International Congress of Farm Women, which is to be held at Tulsa, Okla., in October are fully made. The program and the gathering of bright women from all over the United States will make it well worth the while of any woman who can attend. In connection with the congress there will be held an exposition. In addition to the premiums for men's and women's exhibits, cash prizes amounting to \$700 are offered for best exhibits by boys and girls. The complete premium list may be had by writing to the International Congress of Farm Women, Tulsa, Okla.

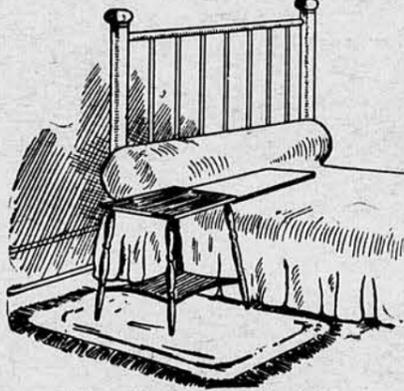
The women's classes for which prizes are offered are as follows: Best collective exhibit from a woman's institute or farm woman's club; best collective exhibit from a county or district; best individual exhibit of canned fruit, jelly, marmalade and preserves; best individual exhibit of canned or preserved meats; best individual exhibit of canned vegetables; best individual exhibit of canned pickles and table relishes; best individual exhibit of wheat bread, two varieties; best individual exhibit of butter in pound prints; best individual exhibit of homemade cheese; best exhibit of corn products, including canned, dried and pickled corn, hominy, etc.; best individual exhibit of homemade rugs; best individual exhibit of house dress and work apron; best household account by farm woman, covering at least three months, and including both receipts and expenditures; best photographic display of ideal back yard, with a view to efficiency and beauty; best exhibit of basket weaving, mats, etc., by Indian woman; best exhibit of handiwork by Indian woman; best exhibit of domestic science and art work by rural school; best home economic exhibit by secondary agricultural school; best essay on care of the teeth, submitted by boy or girl under 18 years old.

Apples a Good Mixer.
Can a generous supply of apple sauce when apples are cheap, and use to mix with sour fruits to make a mild, easily sweetened sauce. When mixing fruits I

use 1 part strained apple sauce to 1 part gooseberries; 1 part apple sauce to 2 parts cranberries; 1 part apple sauce to 1 part plums for butter; or 1 cup apple juice to 1 cup plum juice for jelly. If apples are good quality use the cores and parings for apple juice, which makes good jelly and may be used as a substitute for cider in cider apple butter. A mixture of 3 cups dried apples, raisins or prunes with 1 cup dried apricots is fine in winter.

Mrs. H. W. Albrecht,
Monmouth, Kan.

Make the Sick Folks Comfortable.
Unfortunately we all have our sick folks, and many a home shelters a helpless invalid. Of course, we cannot do enough to aid them, but we must do all we can. The illustration shows a stand to the under side of which a wide board 4 or 5 feet long has been screwed. It is in



Long Shelf Means Comfort.
the position indicated as a shelf for the person in bed. The lower shelf must be weighted down to prevent tipping. Measure the length of the screws before using, to avoid having them long enough to show through the table top. The extension is just as handy for reading and writing as it is for serving meals.

Amy Clark,
R. 1, Slate Springs, Miss.

The Other Side of the Question.
While reading the letter on narrow skirts which appeared in the Mail and Breeze a few weeks ago the thought came to my mind that the writer was running down her own sex. There is where most of the trouble lies. The men stand up for their own sex, and most of the women stand up for the men. If a girl does wrong the usual method is to push her on down instead of trying to help her up; but if a boy does wrong he has the sympathy of most of the community and instead of being shunned is associated with as much as ever.

I don't approve of the extra narrow skirts myself, yet are they any worse than the extra full skirts that used to be worn over hoops? While I don't ride horseback in a narrow skirt I do enjoy riding horseback, and would ride no other way but astride; for one reason, it is the safest and most comfortable way.

Sensible Girl,
Kansas.

Let the Boy Train Himself.
A good way to insure tidiness in a boy's room is to provide a waste paper basket and a large cretonned "dump box," and insist that these shall be emptied on a certain day each week by the boy, all articles in the box being put into their proper places. Ten to one he will soon discard the box and keep his things in their proper place.

Mrs. Olive Glasgow,
R. 3, Courtland, Kan.

Fly eggs hatch out in twelve hours. Don't get any.

BUY GARLAND STOVES AND RANGES BUY
The World's Best

LARGEST MAKERS HEATING AND COOKING APPLIANCES IN THE WORLD

Sold by First-class Dealers Everywhere

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Phelps' 1914 Storm Buggy
At a Saving of \$25 to \$40
Phelps exceeded all previous efforts with his class Split Hickory Storm Buggy. You can ride in comfort—free from wind, cold, or storm. Double strength glass windows—rubber cushioned—can't rattle—can be opened on four sides quickly. Guaranteed 2 years—30-Day Test.



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Free. 167,000 Phelps customers to date. Mail postal today for money saving offer. Address H. C. Phelps, Pres., The Ohio Carriage Mfg. Co., Station 19, Columbus, Ohio.

INSTALL YOUR OWN Water Works
Hot and cold running water for country homes. Complete system ready to install \$37.50. Installed by anyone or money refunded. Enjoy the comforts of life!

Big Free Catalog
Simply send name today for big low price Catalog FREE. Shows hundreds of bargains in Pumps, Windmills, and everything known in Plumbing Goods direct at manufacturers' prices.

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If you wish to get into a good paying business, buy one of our new improved Drilling Machines. Great money maker. Write us today for our catalogue, No. 60.

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MAKE YOUR BIKE A MOTORCYCLE
at a small cost by using our Attachable outfit. FITS ANY BICYCLE. Easily attached. No special tools required. Write today for bar-**FREE BOOK** describing the SHAW Bicycle Motor Attachment. Motorcycles, all makes, new and second-hand, \$35 and up.

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Dept. P, Galesburg, Kansas.

SAVE THE WATER
Build ponds with Wilson's guaranteed slip and wheels. Direct to you. Freight paid. Money back if not satisfied. Send today. Only \$3.75 up

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KANSAS CITY, MO.

22-Cal. HUNTING RIFLE GIVEN
1913 Take-down Patent, with all latest improvements, walnut stock and grip. Shoots accurately 22 long or short, handsome, durable. **SEND NO MONEY** Just send your name and address for my easy plan by which you can secure this fine rifle absolutely free Express Freight. Write today.

H. A. SLOAN, 52 Epitome Building, SPENCER, INDIANA

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

THE MAIL AND BREEZE, Topeka, Kan.

HOME DRESSMAKING

These patterns may be had at 10 cents each from the Farmers Mail and Breeze.

The pattern for Ladies' Dress No. 6216 is cut in five sizes, 34 to 42 inches bust measure. A woman wearing size 36 will require 5 1/2 yards of 36-inch material for making this dress.

The little middy dress No. 6109 is in



four sizes, 4 to 10 years. Age 8 requires 2 3/4 yards of 36-inch material.

The Balkan waist or middy (6173) is designed for misses and small women, and is cut in sizes 14, 16, and 18 years. Medium size requires 3 yards of 36-inch material, with 1/4 yard of 27-inch contrasting goods.

USE THIS COUPON FOR PATTERN ORDERS.

The 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.

Biggest Baby Show in the World.

We have been hearing a good deal the last year or two about Better Babies' contests. Now we are getting ready to have what is expected to be the biggest baby show in the world. It is to be held at the Panama exposition in San Francisco, and is open to all the babies of the world.

The prizes to be given will amount to \$175,000. There are to be babies there from every state in the United States, and the directors expect to have at least two babies from every country in the world. Five Kansas cities are to have official photographers to take pictures for the exposition. Any children that receive more than honorable mention by the board of photographers of each state are to be taken to San Francisco in company with their parents, expenses paid, and the child is to be placed under the care of trained nurses in the exhibition rooms of the Childhood Temple.

Parents from every part of Kansas are asked to enter their children in this contest. There are to be photo-

graphers in Topeka, Hutchinson, Fort Scott, Wichita and Independence. Applications from parents who have children to enter will be referred to the nearest official photographer. The age limit for entries will be: Girls 12, boys 10. The larger prizes will go to the smaller children from 6 months to 2 years.

Can You Spare Dried Apples?

A friend in Kansas wrote that she was sending us a copy of the Mail and Breeze. At first I thought it would prove useless to us in far off India; but when the paper began to come we found it very interesting and very helpful, for we too are industrial workers. I must go back and give a little bit of our history. We came to India in 1881, I from Ohio and my husband from Wisconsin, and for 22 years we worked the ordinary mission methods.

The caste system of India makes people proud and lazy, but everyone knows that a lazy Christian anywhere is not much of a Christian. We felt we must teach the people to be industrious, and we groaned under the other system. Then came the great famines of 1897 and 1900. They left on our hands hundreds of orphans and widows, and we were forced to begin industrial work; and thus was formed the Industrial Evangelistic Mission of India.

We have today a bakery, a very small dairy, a printing press and a sewing department. We are trying to work up the poultry business, and we do gardening and farming on a small scale. We have met many difficulties and have gained much by the experience. Of course the first work of a missionary is the salvation of souls, but these people have bodies also and these bodies have to be fed and clothed, and it is much better that they should exert themselves to support themselves than that they should be supported by charity.

I am sure the readers of the Farmers Mail and Breeze will sympathize with us in our efforts to teach these people. There is no better class of people than farmers in any land. I can never be thankful enough that I lived 10 years in the country when I was a child; this gave me the strong-constitution which has stood me so well all these years of strenuous work in India. I feel sorry for anybody who does not appreciate the country. I am glad there is a cry, "Back to the land!"

I wonder if some of the good farmer sisters of the Mail and Breeze would not be interested in sending us some dried apples and other dried fruits? When I was a girl I used to turn up my nose at dried apples, but it has been turned down many a year. We Americans out here are always apple hungry. They are a great luxury here, and we hardly ever see them. If you farmers with bushels of apples rotting in your orchards will send us a lot of nice sour apples our secretary Mrs. W. H. Dietz, 20 Randolph street, Chicago, will gladly forward them. They should be sealed up in 5-pound tins. And we would not object to having your nice honey, sealed in 2-pound tins. Then there are other fruits, but we prefer apples.

You know what a common thing beans are in the United States, but we do not get them here. I would appreciate a bushel or two in a year; beans of any kind. And someone has asked, "Anything else?" Yes, some of that delicious old-fashioned apple butter sealed in 2-pound tins, and dried sweet corn sealed in 5-pound tins.

I shall take pleasure in telling you through the Mail and Breeze many things about India, which has become home to me. Here I was married and here my six children were born. Three of them have come back to India as workers and a fourth is expected soon with his Kansas wife. Our fifth child went recently to the United States to complete his education. Our sixth, little Marguerite, 11 years old, will go in five years. She now writes articles for the children's column in our mission paper, the Industrial Evangelistic Mission Herald. Mrs. J. C. Lawson.

India Evangelistic Mission, Pilibhit, U. P., India.

If you find some uncomplimentary thing you told for the truth isn't so, do you back track and correct your talk? If you do, you are the kind of a person we would expect to work just as hard by the day as you do by the job.

"STANDARD" COAT BARGAINS

Mohair \$3.98
Pony Skin Coat \$3.98

HCC398—Here's astonishing value. In fact, this offer is so unusual that we guarantee it to be the biggest coat bargain you ever bought. Anticipate your coat wants now, for you'll save at least \$3.00 by ordering at once. A particularly lovely model, made of black Pony Skin Cloth, a fur-like material of brilliant Mohair, woven in wavy shadow stripes. The cuffs and long, graceful shawl collar are of black Plush and the coat closes effectively with a large handsome silk frog ornament. 50 inches long, substantially lined, perfectly tailored, and wonderfully low-priced. Don't delay. Send your order promptly, and remember, we guarantee to entirely please you. Special, \$3.98 prepaid in U. S.

Write today For Our Fall Bargain Bulletin—it's FREE

Plush Coat, with \$5.95 Muff, FREE

HCC595—Here, Madam, is a typical "Standard" value. A charming coat, combining economy, smart style and durable quality. The material is good black Plush, woven in thick, warm pile. Coat cut in full 50-in. length, designed on loose, perfect-fitting lines and carefully lined with serviceable black sateen. Attractively fashioned with graceful shawl collar, turned-up cuffs and slanted front; closes with three large self buttons.

The matched 15-inch warmly-bedded muff is FREE. A fine \$10.00 value. Prepaid in the United States... \$5.95

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Dependable Pianos

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Dependable Pianos—made by factories of recognized reliability—sold strictly on their merits, and exactly for what they are—and not only warranted by the makers but by Jenkins—that's the way pianos are sold here. Strictly one price—and a popular price—a price that takes advantage of every saving that comes from perfect organization, economical selling methods and a tremendous volume of business—that's the Jenkins way.

Steinway, Vose, Kurtzmann, Elburn

pianos on comfortable payments. Write for catalog and prices—\$125 and up. High class guaranteed Player Pianos \$435 and up. Call or write.

Gentlemen—Received the piano today. Got it in first class shape and think it is finest tone I ever heard. I know I have the best piano in Amarillo. I am well pleased with it. Thanking you for past favors, T. B. BURTON.

J. W. Jenkins Sons Music Co., Kansas City, Missouri

ALFALFA SEED

FOR FALL SOWING. From locality where it grows best and most abundantly. Our seed won the gold medal at the St. Louis World's Fair in competition with the world. All our seed is native grown, plump and vigorous. Write us today for prices and free samples. Address McBETH & DALLAS, Garden City, Kansas.

Why Make Your Dealer a Present of \$25?

Don't pay your dealer \$5, \$10 or \$20 more than the Kalamazoo costs. The dealer's stove can not be better than the Kalamazoo, and generally it's not as good. We will prove the saving. Write for prices.



30 Day's Free Trial Low Factory Price

FINE heaters—glass oven door ranges, oven thermometer, etc.—any style you want—a 3 months credit if you wish. Don't pay dealer's high prices. Over 250,000 people have bought Kalamazoo stoves. You will too, when you see the quality. Write for Catalog 341. See what you can save on your new stove. Kalamazoo Stove Co., Mfrs. Kalamazoo, Mich.

We have three catalogs: Stoves and Ranges; Furnaces; Gas Stoves. Please ask for the one you want.

Cash or Easy Terms

A Kalamazoo Direct to You

Write for Book Showing 400 Styles

Paint Your Barns!

Increase the value of your home, give your buildings that well kept and prosperous look. It's money made and money saved to keep your buildings well painted. Unprotected lumber rots, cracks, splits and soon goes to ruin, and lumber is expensive.

LINCOLN Barn and Roof Paints

will protect your outbuildings, barns, silos, granaries, sheds. Made to last. Materials combined and ground together by powerful machinery, insuring durability and great covering power, consequently economy.

A postal card will bring you color samples and the name of a dealer who will supply your needs. We will also send you our free paint book.

"HOME PAINTING JOBS"

which shows you how Lincoln Paints can be used to your profit on dozens of surfaces about your home.

Lincoln Paint & Color Co.
Dept. 25
Lincoln, Neb.
Factories: Lincoln, Nebraska and Dallas, Texas

Handy Farm Devices

A Once-a-Month Page of Helpful Ideas

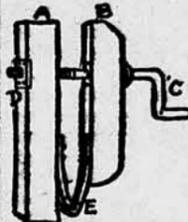
Do not think what you have to offer must be original. Make your instructions plain and send us as good a rough sketch as you can draw. Leave the rest to us. By way of incentive a year's subscription to the Topeka Daily Capital is to be the reward for the best device sent in before October 1, 1913. For second and third best, respectively, a year's subscription or extension of subscription to the Farmers Mail and Breeze. Send your contributions to Devices Editor of The Farmers Mail and Breeze, Topeka.

Vise You Can Make For a Quarter

[Prize Suggestion.]

Mr. Editor—This is an easily made vise, one that may be fastened to a post, or other upright timber. A and B are the jaws of the vise. C is the crank of a 1-inch rod with a collar on it. Outside of B and D is a plate with a threaded hole to receive the threaded end of the rod C. E is a common hinge. This vise cost me 25 cents and I find it very handy.

R. 2, Hepler, Kan. J. D. Maddy.



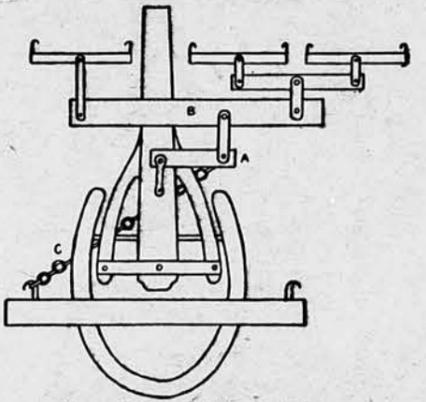
pipe to form a loop and slip it over the hog's nose and in his mouth. Then pull back on the handle and you have him tight. Hold him with the left hand and with the right do your ringing. To release the hog take hold of the pipe and let go the handle.

Clay Center, Kan. D. S. Weir.

A 3-Horse Evener For Wagons

[Awarded Third Prize.]

Mr. Editor—This device evens the pull when three horses are hitched to a



Plan of Mr. Dickinson's Evener. An ordinary three-horse evener (B) is used as shown in the drawing. A is a short oaken piece of 2 by 4, 18 inches long. C is a chain fastened to

Newton's Fine Bridge

A bridge which is certain to serve as an example for other enterprising counties in Kansas is now being built at Newton. The contract was awarded July 12 under the supervision of the state highway engineer, W. H. Gearhart. Newton's bridge is to be first class in every respect. It will be of concrete, designed along artistic lines and will show how useful a bridge may be in serving all kinds of traffic. It will have two 60-foot reinforced concrete arches. The clear width of roadway is to be 43 feet including two 5-foot sidewalks. The bridge will be designed to carry the



Usefulness and Beauty Combined.

heaviest interurban traffic. It will contain nearly 900 yards of concrete and 36,000 pounds of steel reinforcement. Seven bids were received ranging from \$10,980 by the Heaney Construction Company of Enid, Okla., to which company the contract was awarded, to \$13,530 by a company in Hutchinson. "We have pointed out often in the last four years the workings of the bridge combine, and some of the shortcomings

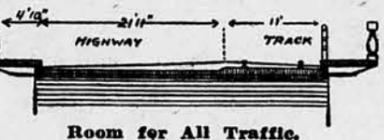
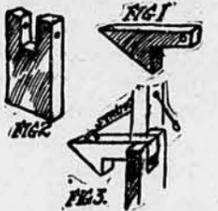
A by means of a clevis. The other end is passed under the tongue and is slipped over the hook provided for the stay chain. I find this to be a very satisfactory hitch for three horses when there is a heavy load on the wagon or the roads are bad.

Woodston, Kan. W. A. Dickinson.

Then the Door Won't Slam

Mr. Editor—To make a handy latch for holding the barn door open, take a strip of iron or a piece of 2 by 4, 6 inches long and notch it out as shown in Fig. 1. Take another piece of 2 by 4 about 10 inches long and notch it out as shown in Fig. 2. Nail this to the wall and fasten the end of piece No. 1 in the slot, leaving enough room for it to work up and down freely. Then bore a hole in the side of barn, put a cord through and fasten to the latch. This will save going outside to close the door.

Sidney, Neb. John J. Treinen.



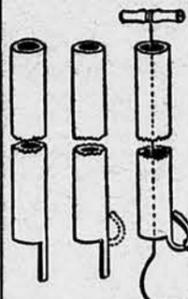
Room for All Traffic.

of the county boards," says W. S. Gearhart in a letter, "so that the public now knows it can learn about these matters without much trouble. In the Newton award the local officials adopted methods by which every contractor was placed on an equal basis. Every company had a chance."

A Hog Holder That Hangs On

[Prize Suggestion.]

Mr. Editor—I have ringed hogs weighing 500 pounds with only the aid of one person to place the rings in the ringer and hand to me. I did it with the aid of this hog holder which is my own invention. I took a piece of small size gas pipe 7 inches long. At a point 1 1/2 inches from one end the pipe was split out to the end, leaving a tongue 1 1/2 inches long. The rest was cut away and the tongue turned back as shown. A piece of No. 12 wire was then fastened to this tongue and the other end passed through the pipe and twisted about a handle. To catch a hog, push the wire through the

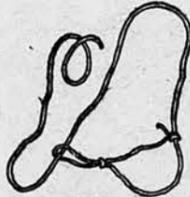


A Halter at Small Expense

[Prize Suggestion.]

Mr. Editor—Here is a simple halter which may quickly be made out of a length of rope. The drawing explains itself. The halter may be made from rope of any size but if too large it is stiff and unwieldy until pretty well worn. It can be made to fit any horse or cow.

R. 3, Chanute, Kan. T. S. Gough.



Do not put off buying apple barrels. Order them several months in advance of your wants, otherwise you may not be able to get them when you want them.

The Inside of a Shoe

The Star on the heel means Honest Shoes

SOLE LEATHER HEELS
SOLE LEATHER SOLES
SOLE LEATHER COUNTERS

Go to the "Star Brand" dealer and see this Cut Shoe

The Inside of a Shoe

It is a lamentable fact that 90% of all shoes sold for less than \$4.00 contain substitutes for leather in the heels, counters and soles. You pay pure leather prices for this shoddy.

Pure shoe Legislation is pending in Congress and many different States. We heartily endorse it, because the rights of 100 million people are greater than those of a few hundred manufacturers.

The "Star Brand" dealer has one of the "Our Family" shoes cut up so you can see just how it is made. The uppers are made of the finest Box Calf or Velour Leather. The heels, counters and soles are of genuine sole leather. No substitutes for leather are ever used.

Go and see the "Our Family" and other "Star Brand" shoes. Then "Star Brand Shoes Are Better"

cut up an old shoe that has failed to give satisfactory service and note the vast difference in construction and material used. You will then know why "Star Brand Shoes Are Better."

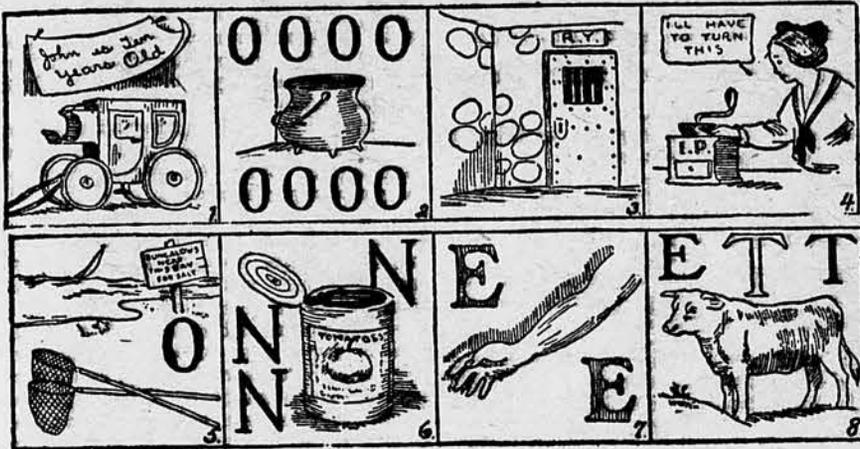
You can get "Our Family" shoes for Men, Boys and Youths at \$2.00 to \$3.50; also for Women, Misses and Children at \$1.50 to \$2.75. You will find it is the best every-day shoe you have ever worn.

The "Our Family" and other "Star Brand" shoes are sold by 20,000 good merchants. Look up the "Star Brand" dealer in your section.

ROBERTS, JOHNSON & RAND
MANUFACTURERS Branch of International Shoe Co. ST. LOUIS

A Puzzle For Mail and Breeze Boys and Girls

THE first four pictures represent four well known vegetables. Pictures 5, 6, 7, and 8 represent articles used in warfare. Can you name them? A set of postcards will be given for each of the 10 neatest and best solutions received by Friday, September 12. To your solution attach your name and address, then mail to the Farmers Mail and Breeze, Topeka, Kan. Be sure to mark the lower lefthand corner of the envelope "Puzzle Editor." Prizes are awarded not only for your skill in solving the puzzle but for the neatness, originality and



general care taken in preparing the answers.

The puzzle in August 23 Mail and Breeze represented (1) Browning, (2) Beecher, (3) Alton, (4) Arcola. The prize winners are Millie Razak, Collyer, Kan.; Margaret Colt, 504 Alabama avenue, Okmulgee, Okla.; Kenneth Willis, Lahoma, Okla.; Lola C. Lee, R. 2, Milan, Kan.; Bernice Kelley, Ball, Kan.; Ruby Young, Richards, Mo.; Nellie Cleaver, Cleaverdale, Kan.; Irene Hendrix, R. 4, Larned, Kan.; Alma Alexander, Carmen, Okla.; and Gladys Harrell, Pratt, Kan.



FOSTER'S FORECASTS

(Copyright 1913 by W. T. Foster.)

Washington, D. C., Sept. 6.—Last bulletin gave forecasts of disturbances to cross continent September 4 to 8 and 10 to 14, warm waves 3 to 7 and 9 to 13, cool waves 6 to 10 and 12 to 16. Temperatures of these two disturbances, covering first half of September, will average warmer and drier than usual and the storm forces will be of less intensity than usual except about and following September 13.

Next disturbance will reach Pacific coast about September 14, cross Pacific slope by close of 15, great central valleys 16 to 18, eastern sections 19. Warm wave will cross Pacific slope about September 15, great central valleys 17, eastern sections 19. Cool wave will cross Pacific slope about September 17, great central valleys 19, eastern sections 21. Temperatures of this disturbance will average above normal but will not average so high as the previous and following disturbances. September 12 to 20 will bring the equinoctial storms this year and to warn people of danger periods is a part of our duty.

Locating these dangerous storms is not an easy matter. The best we can do is to locate them 300 to 500 miles southeast of the center of the lows. We give the dates on which the warm waves are to cross the continent and these dates will not be far wrong. Watch the progress of the warm waves as the dangerous storms occur in them. The warm waves and the dangerous storms form southeast of the lows. We have been expecting showers not far from September 8, 17 and 29, but not sufficient for late or top cotton.

Richer by a Few Millions

According to figures made public by the state tax commission, the personal property assessment for Kansas this year is greater by more than 42½ million dollars than the 1912 assessment. The actual increase is \$42,548,483. In 1912 the total assessed value of personal property in the state was \$517,501,991, as against \$560,050,474 in 1913. The total amount of mortgages owned by Kansas people on March 1, 1913, was \$67,306,424. On March 1 of this year there were 1,026,169 horses in Kansas, valued at an average of \$81 each by the assessors. The mules numbered 241,071 and were valued at an average of \$100

each. Of cattle there were 2,183,294, valued at an average of \$32 each. The total number of hogs was 1,004,215, valued at \$11.11 each. Only 185,973 sheep were returned by the assessors and the average value placed upon them was \$3.29. The total number of automobiles found by the assessors was 24,794 and the value averaged \$389.77.

Lightning Kills 16 Steers

Alma, Kan., Aug. 19.—Sixteen head of fat cattle owned by A. F. Wade, who lives near Keene, were killed by lightning during the electrical storm yesterday afternoon. The cattle were standing near a barb wire fence, and the lightning struck the fence. The cattle were almost ready to be placed on the market. They are valued at about \$100 a head. Mr. Wade is a well known Wabaunsee county stockman, and handles a large number of cattle each year.

Accidents like the foregoing are chronicled in the newspapers after almost every storm. A farmer could save a thousand dollars worth of stock by spending a dollar, or 15 cents, for almost any kind of wire and "grounding" his wire fences at intervals. Barbed wire is strung on wooden posts, for the most part, and these posts are non-conductors of electricity, or lightning, which consequently travels for long distances on such insulated wires. A wire nailed perpendicularly on a post occasionally and punched into the ground would enable the current to reach the ground without running through a bunch of hundred-dollar steers.

For All Buildings In All Climates

The true test of a roofing is its ability to withstand unusual conditions. Illustrations show buildings on which J-M Asbestos Roofing has withstood 120° of heat without melting or drying out—40° below zero without cracking—deadly gases and chemical fumes without being injured—and a constant rain of hot sparks without burning.

The wonderful durability of this roofing is due to its all-mineral construction. There isn't a particle of perishable material in

J-M Asbestos Roofing

Made of that indestructible rock, Asbestos, reduced to felt and cemented layer on layer with Trinidad Lake Asphalt, the greatest known water-proofer. Literally a flexible stone. This roofing is still in good condition on hundreds of buildings throughout the country after more than 25 years of wear. Costs less per year of service than any other roofing—its first cost is the last cost. No coating or gravel ever needed. Easily applied. Shipped direct from our nearest Branch if your dealer can't supply you. Write for free sample of the wonderful fire-proof ASBESTOS ROCK from which this roofing is made, and our Book No. 2476.

H. W. JOHNS-MANVILLE CO.

ALBANY ASBESTOS OMAHA
BALTIMORE BOSTON PHILADELPHIA
BOSTON DALLAS LOUISVILLE
BUFFALO DETROIT MILWAUKEE
CHICAGO INDIANAPOLIS MINNEAPOLIS
CINCINNATI KANSAS CITY NEW ORLEANS
CLEVELAND LOS ANGELES NEW YORK SYRACUSE

For Canada: THE CANADIAN H. W. JOHNS-MANVILLE CO., Ltd.
TORONTO MONTREAL WINNIPEG VANCOUVER

Even Pull For Each Horse

Gamble Equalizers divide the load evenly between 3, 4 or 5 horses. Make horses work and your work easier. Plenty of room, remove chance of injury. No side draft, guaranteed. Gamble Equalizers are the original—perfect after 20 years of tireless effort. Quickly brought-out limitations aren't so dependable or accurate.

This test proves it evens the pull

You can prove the Gamble's perfection any time. Hang up as in picture and it will balance. See it balance at your dealer's. Equalizer pictured evens pull on 16, 18 and 20 in. sulkeys with clevis hitch and 12 and 14 in. disc gangs. Other styles for 3, 4 and 5 horses to use with farm wagons and implements, manure spreaders, disc harrows, seed

and harvesting machines, 14 in. gangs, etc. We make clevises and attachments for all implements. Catalog shows full line. Write for it telling us whether or not your dealer handles Gamble Equalizers. STAR MFG. CO. Dept. 7 Carpentersville, Ill.

Gamble Equalizers

98 cents Post Paid

Guaranteed 5 Years

To advertise our business, make new friends and introduce our catalogue of Elgin Watches we will send this elegant watch by mail post paid for ONLY 98 CENTS. Gentleman's size, full metal silver plated case, Arabic dial, lever movement, stem wind and stem set, a perfect timekeeper and fully guaranteed for 5 years. Send this adv. to us with 98c, and watch will be sent by return mail postpaid. Satisfaction guaranteed or money refunded. Send 50c today. Address R. E. CHALMERS & CO., 538 So. Dearborn St., CHICAGO.

Pigs Without Worms

I'll Stop Your Losses from Worms—Before You Pay

Little pigs only a few weeks old are often found loaded with worms. Hogs of all ages suffer from these deadly parasites. Then cholera, swine plague and other contagious diseases get in their destructive work. Stock troubled with worms don't thrive; they cough, have fever, act dull, and don't gain a pound. Your feed is wasted; your profits are stolen. Your animals frequently die, causing total loss of many dollars. I'll stop all this quick with Sal-Vet, the great worm destroyer and conditioner. I have done it for thousands of others. I'll do it for you, before you pay me a penny, if you will just send me the coupon.

Read This Letter: "Have fed Sal-Vet to my hogs and lost none. Neighbors both sides of me, east and west, One west of me, on adjoining farm, lost about forty hogs and pigs with cholera; the one east, on adjoining farm, lost all he had, representing four..."

SAL-VET

Send No Money—Just the Coupon

If you will fill out the coupon—tell me how many head of stock you have—mail it to me, I'll ship enough Sal-Vet to last them 60 days. You simply pay the small freight charge when it arrives, and when the 60 days are up report results. If it does not rid all your stock of the deadly stomach and free intestinal worms, I'll cancel the charge—you won't owe me a cent.

S. R. Feil, Pres. THE S. R. FEIL CO., Dept. FM&B Cleveland, Ohio (72)

Prices 40 lbs. \$2.25, 100 lbs. \$5.00, 200 lbs. \$9.00, 500 lbs. \$13.00, 500 lbs. \$21.12. No order filled less than 40 lbs. on 60 day trial offer.

SHIP me enough SAL-VET to last my stock 60 days, with no money to pay for it. If it does not rid my stock of worms, I'll cancel the charge. If it does, you also to cancel the charge.

Name _____ F. O. _____
Shipping Sta. _____
State _____
Shop _____
Cattle _____
Hog _____
Poultry _____
9-6-13

Dittmann Shoes




It's a Good Old Habit to Wear Dittmann Shoes—Known for 69 Years as Leaders in Quality

Four Pointers

Quality—Good materials carefully selected and put together by careful, experienced workers.

Style—Designs that are modish and in the lead, giving trimness to the foot.

Comfort—Shapes that are right for the foot and proportioned to give ease.

Durability—The result of both quality and right shape, thus giving best possible wear at the price which is true economy.

Smart Shoes for Women

In the house, on the street, everywhere, a woman needs shoes that are neat and stylish, yet comfortable. All these and durability as well are found in the many snappy models of Dittmann Shoes.

Ladies who wear Dittmann Shoes are certain of neat looking footwear, right for all occasions, at the least possible expense, the year through.



9 O'Clock School Shoe

If you do not know of a Dittmann dealer, write us and we'll tell you where he is. Enclose 2c and we'll send the little ones, free, a valuable history—"Our Flag" by Francis Scott Key III, illustrated in three colors. Write today.

It pays to trade with Dittmann Dealers.

Dittmann Shoe Co.
MANUFACTURERS ST. LOUIS

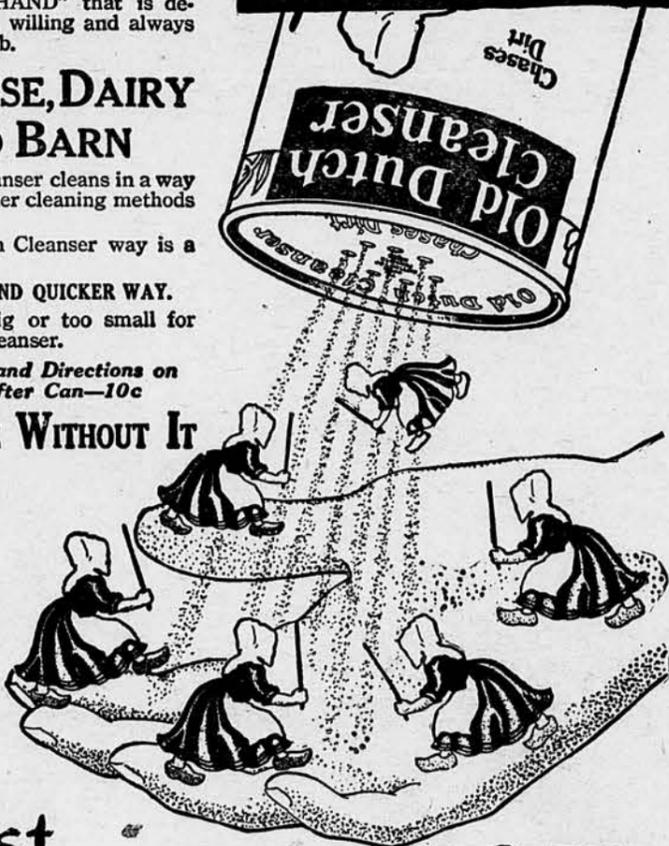
A "HIRED HAND" that is dependable, willing and always on the job.

INHOUSE, DAIRY AND BARN

Old Dutch Cleanser cleans in a way that makes other cleaning methods look doubtful. The Old Dutch Cleanser way is a thorough way, AN EASIER AND QUICKER WAY. No job too big or too small for Old Dutch Cleanser.

Many Uses and Directions on Large Sifter Can—10c

DON'T BE WITHOUT IT



The Best HIRED HAND For Farm Cleaning

Poultry Keeping

CONDUCTED FOR THE FARMERS MAIL AND BREEZE BY REESE V. HICKS.

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

Disease lurks about filthy drinking vessels.

Stinting on quantity or variety of feed is not good economy.

Yards in which birds are confined at this season become foul quickly. Plow or spade them often.

Diluted stock dip makes a good disinfectant for poultry quarters in case of a disease outbreak.

A very small lump of copperas put in the drinking water twice a week will help keep fowls in condition.

Dropping boards are great time and labor savers. But if they are not cleaned regularly an earth floor will do just as well.

When dry bran is fed it is a good plan to put coarse wire netting or a slatted cover over the receptacle to prevent waste.

This is the time of year when a good many birds are sacrificed while on the way to market because they are jammed into small coops.

A flock of layers neglected at this time of year may be expected to be in a weakened condition just at the season when eggs will be most profitable.

Prospective caponizers will find Farmers' Bulletin No. 452 of great help. It may be had for the asking by writing the department of agriculture at Washington, D. C.

Sow Rye Now For Green Picking.
(Prize Letter.)

Mr. Editor—For several years we have been seeding our poultry breeding yards to rye in late summer. This furnishes an abundance of green feed all through the fall, winter, and spring. The yards are plowed and sowed in late August. The seed is put in at the rate of 2½ bushels an acre. We have tried wheat in the same way but rye has proved more satisfactory. The chickens relish green rye and it stimulates laying. We have also noticed that the eggs from hens ranging on green rye are highly fertile and hatch strong, vigorous chicks. Karl Spellman, New Albany, Kan.

Fighting Lice With Fire.
(Prize Letter.)

Mr. Editor—Soak six or eight corn cobs in a quart of coal oil, then take a small iron rod sharpened at one end and insert the point into the pith of the cob. Have the hen house free from all straw and trash, then light the cob and burn all over the inside of the house. This can be done with perfect safety and is the most effective way I have ever tried or heard of to rid the house of all vermin. It can be done in a very few minutes. Throw air-slaked lime or ashes over the floor to keep it clean. Mrs. C. E. Welton, Fairbury, Neb.

One Way to Nab the Thieves.

Mr. Editor—Some of our poultry, worth about \$30, was stolen recently and so I am very much interested in this chicken thieving question. I have in mind a plan that would help us run down these sneak thieves. Stolen chickens are usually sold to buyers at the first opportunity. Let each buyer keep a record book of the purchases he makes. By comparing these records with those made by the assessor in the spring, one could often trace down the stolen chickens. I have a number of suspects under surveillance and every one else usually has after a hen roost has been robbed. If we could go to the poultry buyer's records and then com-

pare them with those of the assessor, we would have something definite to work on. N. N. S., Mound Valley, Kan.

Why Eggs Are Low in Summer

BY C. W. METSKER,
Market Editor of the Farmers Mail and Breeze

Ten carloads of eggs were thrown into the river at Kansas City during the 10 days from August 5 to 15, because they were rotten. In St. Louis, St. Joseph and other cities losses were also enormous. The price of strictly fresh eggs during this time was advanced 5 to 6 cents a dozen through wholesalers and 6 to 9 cents a dozen to consumers. The price in the country showed only about a 1-cent advance.

It may not be of any importance that thousands of eggs were lost by slow handling or that the farmer received comparatively no advance in price while the consumer paid an advance of 33 to 50 per cent, but it is a tragedy to permit such losses to continue. The general procedure with eggs is for the storekeeper to pile them in tubs in a back storeroom after they have been bought from the farmer. After they have been held there 24 to 96 hours they pass into the hands of a local produce dealer who in turn holds them another couple of days in whatever temperature his warehouse may afford. Finally, they are sent to some big market, seldom in iced cars, for final distribution. The time consumed after they leave the producer until they get to the final consumer is 10 days and no wonder little chicks become anxious and pip the shell. Then the entire lot is hidden in a garbage dump.

Storage men buy freely in the summer and hold for higher prices in winter. A co-operative storage plant in each prosperous farming community would eliminate the big loss at both ends and pay good returns. It would save needless waste and serve to equalize the price between producer and consumer during summer and winter months. Kansas City, Mo.

Reliable Poultry Breeders

FARMERS MAIL AND BREEZE POULTRY RATE.
The rate for advertising under the "Reliable Poultry Breeders" column is 5c per word each time for 1, 2 or 3 insertions and 4½c per word each time for four or more insertions.

DUCKS.

WHITE INDIAN RUNNER ducks \$1.00 each. B. F. Graff, Erie, Kan.

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

LIGHT FAWN AND WHITE Indian Runner ducks; pure white eggs. 4 ducks, 1 drake, \$5.00. Gallap Poultry Farm, Braman, Okla.

LEGHORNS.

FOR SALE—Young hens, pullets, and cockerels, pure bred S. C. White Leghorns, prices right. Vira Bailey, Kinsley, Kan.

ORPINGTONS.

PURE BRED White Orpington hens, \$1.25. Buy early at this price. Mrs. Helen Lill, Mt. Hope, Kan.

PLYMOUTH ROCKS.

BIG TYPE BARRED ROCKS. Half price now. Duff, Larned, Kan.

BARRED ROCK cockerels \$1.50 each. Mrs. Jessie Seabloom, Stockton, Kan.

BUFF ROCKS—A few breeders and young stock for sale. William A. Hess, Humboldt, Kan.

WYANDOTTES.

BUFF WYANDOTTES. Prices cut for balance of season. Eggs from all our breeding pens at \$1.50 per 15, \$5.00 per 100. Baby chicks \$1.50 per dozen. Send for mailing list. Wheeler and Wylie, Manhattan, Kan.

HAMBURGS.

SILVER SPANGLED HAMBURG cockerels and pullets \$1.00 each. Mrs. Robt. Lockhart, Eskridge, Kan.

SEVERAL VARIETIES.

48 VARIETIES, Poultry, Pigeons, Ducks, Geese, Turkeys, Guineas, Incubators, Dogs. Catalogue 4 cents. Missouri Squab Co., Kirkwood, Mo.

ROSE COMB RHODE ISLAND RED eggs. Pen A, \$1.50 per 15; Pen B, \$1.00 per 15. Barred P. Rocks, range stock, 75c per 15; \$4.00 per 100. Light fawn and white Indian Runner ducks \$1.00 per 12. C. J. Woods, Chiles, Miami, Kansas.

Union Pays in Dairying

It is Necessary for Farmers to Organize to Make More Money

BY ROY C. POTTS.

The business of the world today is done largely through organized interests. The average individual can no longer expect to accomplish the results that can be obtained by united efforts. No matter in what particular line of business, it is usually where there is cooperation and united forces for good are in operation that the greatest advancement and success are attained. In dairy communities, the average farmer must join hands with his neighbor and use combined brain, capital and effort if he would make the greatest success in using improved methods of breeding or feeding his dairy stock or in marketing his dairy products.

It is a proved proposition in dairy communities that cooperative dairy associations are a most important factor in obtaining the greatest success for dairy enterprises. We do not have to guess at the results which will be obtained or experiment on a plan of op-

eration, or go far to learn of a plan for successful organization, for cooperation in dairy communities has proved to be a pronounced success in many communities in this country and in Europe.

A cow testing association is a community organization of dairy farmers. The purpose of the association is to obtain the cooperation of the members in hiring a competent dairy expert who will determine the monthly production and butter fat of the cows owned by the members and also the cost of the feed consumed by the cows. He is also expected to advise the members in feeding their cows proper rations, and in the handling and care of their dairy herds.

The Way To Do It.

The organization should be perfected by the adoption of a constitution and bylaws and the election of officers. It may or may not be incorporated. The general plan of financing the work of the association is by a charge on the cows entered by members of the association. The number of members is usually limited to from 20 to 24. A qualified dairy expert should be hired and one day each month should be spent at each farm. His board and room would be furnished by the member whose herd he was testing. The daily work of the tester as he traveled from farm to farm is about as follows:

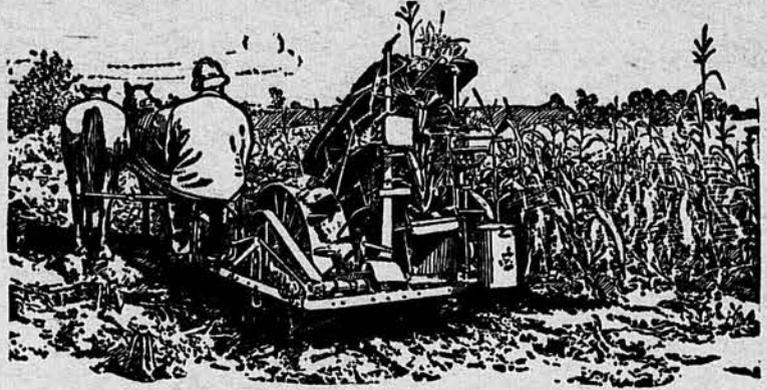
On arriving at a farm at between 2:00 and 4:00 p. m., he would ascertain the feeds being fed, the number of cows to be milked and prepare to weigh the feed fed each cow that night and also the milk produced. At the time of weighing the milk produced by each cow he also takes an aliquot sample of the milk from each cow, placing each sample in a separate sample jar, which is labeled with the cow's name or number. In the morning the same operation is repeated. This time the sample taken from each cow's milk is added to the sample taken the night before. The sample thus obtained is a composite sample of the two milkings which represent one day's milk. This composite sample of each cow is tested in the forenoon for butter fat by the Babcock test and thereby the per cent of butter fat in the milk produced by each cow is obtained. The pounds of milk produced by each cow multiplied by the per cent of butter fat gives her daily production of butter fat for the month. From this data obtained at each farm each month the yearly production of milk and butter fat of each cow is determined. The food consumed daily having been obtained its value is easily determined, and thereby the cost of feed for the cow each month and for the year is easily calculated.

Breeding Clubs Also.

Circuit breeding clubs or bull associations, as they are sometimes called are organizations of dairy farmers who realize the value of pure or improved dairy sires and wish to cooperate in the purchase and use of a purebred sire. Articles of organization and bylaws should also be adopted to govern the action of the association. Officers should be elected, and to their supervision is entrusted the stock owned by the association. These associations are more elastic in their organization and may include members in one or more communities. Sixty cows in a single county are considered the proper number for a unit, and an association may include from one to four units or more. After the organization of these units and the election of officers, the next step is the purchase of a purebred sire for the use of each unit.

The sires are usually owned by the association and not by a unit organization. If a three unit organization is formed three sires of one breed are purchased. For two years a single sire is used in a unit. Then the sires are transferred or exchanged in the units and also again at the end of another two years.

Cream selling associations and cooperative creamery associations are usually community co-operative associations of dairy farmers who have organized for the purpose of obtaining a better market for their dairy products, usually milk



Getting the Most Out of Corn

It is a long, tiresome way from forty acres of standing corn to the same acres cut with a corn knife and ranged neatly in long shock rows. What a prodigious amount of day-after-day labor is required to cut the corn, 150,000 hills in a field of forty acres, only that man who does the work with a corn knife knows.

Hand cutting is unprofitable, it costs too much in time and money. The modern farmer harvests the whole crop quickly and easily with an I H C Corn Binder. He cuts five to seven acres a day and does it without the expense of extra help. He cuts it at the right time—when the ears begin to glaze—preserving for his stock all the feeding value in the ears and stalks. While his old-fashioned neighbor's corn is still standing, drying and losing its nutritious juices, an efficient

I H C Corn Binder

Deering, McCormick, Milwaukee or Osborne,

has cut and bound his for the shock. Whether his corn stood straight, was down and tangled, on level ground or on rough, the practical design and correct construction of the I H C corn binders enables him to handle it efficiently. I H C corn binders are built to cope with all corn field difficulties and to last for years. To own and use them is to do away forever with the difficulty of securing extra corn harvest help; with the expense of paying extra wages; and with the waste of valuable feed that always results from harvesting corn by hand. To get the most out of your corn crop you need and should use an I H C corn binder.

I H C Huskers and Shredders

Deering, McCormick, or Plano

complete the most practical, economical and profitable handling of the corn. An I H C husker and shredder, besides saving many cold, disagreeable days of husking by hand, shreds the stalks, leaves and husks into a clean, tasty fodder, a nutritious substitute for the hay which you can then dispose of profitably, baled, in the best markets.

If the maximum of profit from your corn fields interests you, study the I H C line of corn machines at your local dealer's. Get information and various catalogues from him, or, address the

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Places all graduates in good positions. Young women students now receiving salaries of \$1,200 to \$1,800 a year, men up to \$3,000. Young Women's Christian Assn. Bldg., 1013 McGee St., Kansas City, Mo.

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I have a secret I want to tell to every young man and young woman who is contemplating going to a Business College this year, and I will give you the full details if you will write me. This information is not only worth dollars to you, but will assist you in the selection of a good school—and if you do go to school this year you want to go to a good one. Get this information now—before you decide on any school. A postal or letter will bring it to you, together with my Big Free Illustrated Catalogue. You obligate yourself in no way. Write me today. C. W. RANSOM, Pres. RANSOMERIAN BUSINESS SCHOOL, 386 Minor Bldg., KANSAS CITY, MO.

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Has Imitators But No Competitors.
A Safe, Speedy and Positive Cure for Curb, Splint, Sweeny, Capped Hock, Strained Tendons, Founder, Wind Puffs, and all lameness from Spavin, Ringbone and other bony tumors. Cures all skin diseases or Parasites, Thrush, Diphtheria. Removes all Bunches from Horses or Cattle.
As a Human Remedy for Rheumatism, Sprains, Sore Throat, etc., it is invaluable. Every bottle of Gaustic Balsam sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars, testimonials, etc. Address The Lawrence-Williams Co., Cleveland, O.

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Places found for students to work for board and room. Many of our young men and women are doing this. We have found such places for all who wanted them during the past year.
Dougherty's Business College
116 to 120 West 8th Avenue, Topeka, Kansas.

or cream. Milk shippers' associations have been organized in the districts near large cities like Chicago, Detroit, Cleveland and New York. The milk producers there found an organization valuable in contracting with the large city milk companies. In a number of states community cream shipping associations have been organized for a similar purpose, and it seems that there is a place

for them and that they have a worthy mission to fulfill.

A cooperative creamery association serves the same purpose as a cream selling association. Instead of allowing the cream to be shipped away it would be made into butter at home. The cooperative creamery is the logical step which would follow after a successful cream selling association has grown to the point that a local cooperative creamery can be supported. Why give the profit to be made from manufacturing butter to some creamery when it can be kept at home by building a cooperative creamery?

In summing up briefly the subject of cooperation in dairy communities I wish to call to your attention these facts:

The business of the world today is done largely through organized interests.

An average individual cannot expect to accomplish the results by working independently that can be obtained by joining his efforts with his neighbors in cooperative action.

Cow testing associations have proved to be a satisfactory and economical method of getting out of the dairy herd the unprofitable cows.

A circuit breeding club will increase the quality and value of the dairy stock of a community, and popularize it as a dairy cattle center.

A cream selling association would be a factor for good in remedying conditions existing today, and would obtain for the dairy farmer a higher price for his dairy products.

Cooperative creamery associations and cooperative butter marketing associations are important factors in commercial dairying, and are the means of retaining for the dairy farmer the control of the dairy interests of his state and obtaining for him the largest net return for his dairy products.

Good Roads—Pleasant Journeys

BY HOMER D. WADE.

Good roads are links that bind the farmer willingly to the farm and give him additional pleasure in his vocation.

After a road is put into first-class condition, everyone living along the highway is enthusiastic about it and would not return to old conditions for any consideration.

Traveling over the improved thoroughfare makes life's journey much more pleasant and profitable.

The profanity oftentimes caused when the wagon sinks to the hub in a mud hole is eliminated, the grouch caused by the "bumpy bump" disappears and sunshine and laughter accompany you on your journey to town.

The Granger Movement

The first adequate history of the Granger Movement, centering about the Order of the Patrons of Husbandry, or the Grange, is to be published September 3, under the title "The Granger Movement." The author, Dr. Solon J. Buck, of the University of Illinois, presents in a work of particular present-day interest a comprehensive study of this nation-wide organization among farmers for protection and co-operation. The political aspects of the Granger Movement, as well as its connection with the beginnings of railroad regulation and with the co-operative movement in America, are treated at length. The book is published by the Harvard University Press, Cambridge, Mass.

The Big Fairs and Stock Shows

- Sept. 8—Wisconsin State Fair, Milwaukee.
- Sept. 8—Indiana State Fair, Indianapolis.
- Sept. 8—Kansas, Topeka.
- Sept. 8—South Dakota State Fair, Huron.
- Sept. 15—Michigan State Fair, Detroit.
- Sept. 15—Interstate Show, Sioux City, Ia.
- Sept. 15—Kansas State Fair, Hutchinson.
- Sept. 15—Kentucky State Fair, Louisville.
- Sept. 22—Oklahoma State Fair, Oklahoma City.
- Sept. 29—Montana State Fair, Helena.
- Sept. 29—Missouri State Fair, Sedalia.
- Oct. 6—American Royal, Kansas City.
- Oct. 6—Illinois State Fair, Springfield.
- Oct. 20—Texas State Fair, Dallas.
- Oct. 22—International Dry-Farming Congress and Soil-Products Exposition, Tulsa, Okla.
- Nov. 24—National Feeders' and Breeders' Show, Ft. Worth.
- Dec. 1—International Livestock Show, Chicago.

The Feeny Mfg. Company, of Muncie, Ind., will have an educational exhibit at the State Fair, Topeka, Sept. 8-13, showing why the Feeny Vacuum Cleaner is the most satisfactory under all conditions. Don't fail to visit their booth, Section H. Art Building.—Advt.

I'll Eliminate Your Hog Troubles

**GILBERT HESS, Doctor of Medicine
Doctor of Veterinary Science**



Dr. Hess Stock Tonic

used regularly in the swill or drinking water and Dr. Hess Dip and Disinfectant used liberally around the hog houses and in the wallow will make your swine virtually disease-proof and expel the worms.

Remember, the vigorous, well-developed, clean-kept hog is able to stand the ravages of these diseases far better than the weak, unthrifty animal. It is "the survival of the fittest" when hog disease is rampant.

In Dr. Hess Stock Tonic I have put every ingredient which my 25 years' experience as a veterinary scientist and doctor of medicine tells me a hog requires to keep healthy, thrifty and free from worms.

Heed this—a fattening hog that is not given tonics and laxatives is liable to come to trouble through overfeeding and a clogged system, just the same as a human being would suffer who ate a Thanksgiving dinner three times a day without laxatives. Dr. Hess Stock Tonic contains the tonics and laxatives essential to heavy-fed animals.

I Absolutely Guarantee

that Dr. Hess Stock Tonic will make your stock healthy, thrifty, free from disease and free from worms. If it does not pay you and pay you well, I have authorized your dealer to refund your money. Never sold by peddlers. I save the peddlers' salary, the upkeep of wagon and team and give you the benefit, which these prices prove: 25-lb. pail \$1.60; 100-lb. sack \$5.00. Smaller packages as low as 50c (except in Canada, the far West and the South).

Manufactured by

DR. HESS & CLARK, Ashland, Ohio

Dr. Hess Poultry Pan-a-ce-a

A splendid poultry tonic that shortens the moulting period. It gives the moulting hen vitality to force out the old quills, grow new feathers and get back on the job laying eggs all winter. It tones up the dormant egg organs and makes hens lay. Also helps chicks grow. Economical to use—a penny's worth is enough for 30 fowl per day. 1 1/2 lbs. 25c; 5 lbs. 60c; 25-lb. pail \$2.50. Except in Canada and the far West. Guaranteed.

Dr. Hess Instant Louse Killer

Kills lice on poultry and all farm stock. Dips the hens and chicks with it, sprinkle it on the roosts, in the cracks and dust bath. Also destroys bugs on cucumber, squash and melon vines, cabbage worms, etc., slugs on rose bushes, etc. Comes in handy sifting-top cans, 1 lb. 25c, 3 lbs. 60c. Except in Canada and the far West. I guarantee it.

An All-Work Tractor

There is always a job on the farm for a GasPull 15-30 h.p. tractor. It fits all kinds of farm work—field or belt. It will earn money for you this fall. With our other machines, it will harvest, bale, thresh, plow, harrow, fill silos, saw, build roads, haul. Owners are pleased with it and are talking favorably about it.



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"I have just finished 110 acres of adobe ground from six to eight inches deep and everyone who has seen the work says it is the best they have ever seen".

P. E. Reeves, Bennet, Colo.

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"In spite of the unfavorable weather we had all through the harvest and threshing season, we were able to thresh something over 77000 bushels, which is considerably more than was done by many of the larger outfits".

S. M. Aikens, Pilot Mound, Man.

The GasPull fits any size farm from 160 acres up. It's light and goes anywhere. It is simple, handy, powerful, and inexpensive to buy or to run. 2-cylinder, 15 drawbar h.p., 30 at belt—weight only 11000 lbs.—low platform, variable speed, convenient levers—working parts protected—usually pulls 4 to 6 plows—hauls 30000 lbs. on roads not too hilly—drawbar pull of 3000 lbs. on low gear.

The Olds Engine

For the smaller jobs on the farm where a stationary or portable engine will fit in, you can't find a better one than the Olds Engine—It's built of the best materials and workmanship. It will save many a job for the horses and yourself. You can get it, stationary, portable or skid mounted, in sizes from 1 1/2 to 18 h.p.

Our gang plow should go with every tractor outfit. We also furnish every kind of farm power machine—balers, husker-shredders, sheller, separators, saw rigs, cream separators, feed mills, etc.

Ask one of our 13000 dealers about the GasPull—or about our kerosene-burning engines, the Oil-Pull Tractor and the Falk Engine.



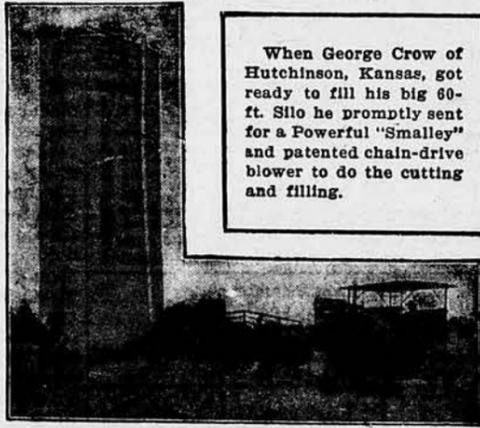
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Power-Farming Machinery
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See the Smalley Cutter In Action!

If you want to see a real show, just watch this Powerful Smalley "cutup." See it take fodder by the ton and cut it into small, fine pieces, shoot it into a giant silo 60 feet high. Some improvement over the old slat-apron Cutter that requires an army of workmen to feed it, and balks when it comes to filling a tall silo.

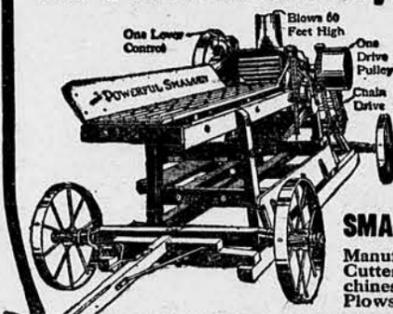
Four-fifths of all Silos are now filled by Smalley machines.



When George Crow of Hutchinson, Kansas, got ready to fill his big 60-ft. Silo he promptly sent for a Powerful "Smalley" and patented chain-drive blower to do the cutting and filling.

Filling a Mammoth, 60-foot Silo on George Crow's Farm, near Hutchinson, Kas.

The Powerful Smalley Force-Feed Silage Cutter



is a regular "haws" for work. Makes no difference whether you have green or dry ensilage—or whether it's corn, oats, peas or alfalfa. Now furnished with Alfalfa Grinding Screen if wanted (for making alfalfa meal).

Only one drive pulley on Blower outfits. No Idler to bother with. Ten per cent steel guaranteed in all foundry castings. No oiling by hand—hard oil cups on all important bearings.

Get a post card quick and send for Smalley's new big illustrated Catalog, Finest Silage Cutter Book ever printed, yet absolutely free. Write now for it.

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Manufacturers of Ensilage, Alfalfa and Hand Feed Cutters. Combination Ensilage and Snapping Machines, Drag and Circular Saw Machines, Champion Plows, Cob Grinders and Feed Mills. (71)



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30 Days Full Set of Empire Steel WHEELS FREE TRIAL

Let us send you a full set of Empire Steel Wheels for a month's trial free. Just send us measure of wagon skains—we'll send wheels to fit. Put them to every test, for every kind of hauling; prove for yourself that they are better, stronger, easier running than any wheels you ever used—they **End Drudgery of High Lifting and Save 25% of the Draft**

Will make your old wagon good as new. Soon pay for themselves in saving of repair bills. If not all we say, return—trial costs you nothing. Get our big free book and free trial offer; also special offer on Empire Farming "Handy Wagon"—20 styles. **EMPIRE MFG. CO., Box 75A Quincy, Ill.**

WEBER TRACTOR
FOUR-CYLINDER, 35 H. P.

The sensation of the century. Backed by Weber's 30 year's reputation. New Model. 35 Horse-Power. Lightest, strongest, most efficient Tractor made. A complete power plant.

SAVE \$1,000.00

A wonderful price revolution. Tractor will pay for itself the first season. **FREE TRIAL.** Full factory guarantee. Write quick for illustrated book and amazing price offer.

AMERICAN GAS ENGINE CO., Dept. 202 Kansas City, Mo.

A \$55 Saddle for \$38 Cash

Our latest 1910 Swell Fork Saddle, 16-inch swell front, 28-inch wool lined skirt, 3-inch stirrup leather, 3/4 rig, made of best oak leather, guaranteed for ten years; beef hide covered solid steel fork.

The Fred Mueller SADDLE & HARNESS CO.
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Send in your name for our 1913 catalogue, now ready.

The Celebrated Mueller Saddle.

CORN HARVESTER with Binder Attachment cuts and throws in piles on harvester or winrow. Man and horse cuts and shocks equal with a corn Binder. Sold in every state. Price \$20.00. **W.H. BUXTON**, of Johnstown, Ohio, writes: "The Harvester has proven all you claim for it; the Harvester saved me over \$25.00 in labor last year's corn cutting. I cut over 500 shocks; will make 4 bushels corn to a shock." Testimonials and catalog free, showing pictures of harvester. Address **NEW PROCESS MFG. CO., SALINA, KANSAS.**



Dairy Farming

CONDUCTED FOR THE 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.

Feed will be high this winter but so will butter fat.

Too much cream in the churn will mean slow churning. Half full is enough.

The market for other stock may fluctuate but a good milk cow always brings top prices.

It is a good plan to have two cream cans, one to be airing and sunning while the other is in use.

An occasional washing with lime water will keep the churn from taking on that offensive smell.

Light streaks in butter are due to the presence of buttermilk and to the uneven distribution of salt.

The cow and the sow always make a good farm team but they ought to do better than ever this winter.

One silo argument that appeals to every stock owner is that stalk disease is unknown to the silage feeder.

The cream separator that vibrates will not do its best work nor last as long as the one that runs smoothly on a solid, concrete foundation.

A strong brine with a little soft soap mixed in makes a good application for lousy cows and calves. But keep the animals indoors or under shade for a time after applying it.

Reed to Judge California Cows.
The California state fair board has come all the way to Kansas to find a competent judge for dairy cows at the fair. This honor goes to O. E. Reed, head of the dairy department of the Agricultural college, who is recognized as one of the best judges of dairy cattle in the country. The California fair will be held next month at Sacramento.

Fly Dope Must Be Applied Often.
Mr. Editor—I have used Shoo-Fly, a prepared dope to keep flies off cattle. I spray them with a hand sprayer just before milking. This keeps the flies off while I am milking by it does not keep them off throughout the day. However, the flies are not so bad as they are when no dope is used. The calves seldom have warbles on their backs in winter.
E. C. Lyon.
Franklin, Kan.

Catching Flies By the Barrel.
[Prize Suggestion.]

Mr. Editor—My barrell fly trap is the best thing I have yet found to fight flies in the barn. I made it of a small, tight barrel. I cut a round 10-inch hole in the bottom and on top of this inside I placed a cone made of screen. This is 10 inches high and the opening at the top is 1 1/2 inches wide. The top hoop is removed and then pressed down over a piece of screen for a top cover. The three legs are made of strap iron which keep the barrel 2 inches off the barn floor or platform on which it is placed. A common pie pan holds the bait which may be water in which bran and a little corn meal have been soaked. I close all doors but one, which is left open about 3 inches to throw a little light on the trap to draw the flies. The trap is moved up close to this door. Bran sacks are tacked over the windows.
Norwich, Kan. J. A. Crandall.

The addition of limestone is essential if the soil is sour.

DE LAVAL CREAM SEPARATORS

The best of all dairy investments Saves \$10. to \$15. per cow every year

The De Laval Separator Co.
New York Chicago San Francisco

Only \$2 Down One Year to Pay!

Buy the New Better-By No. 1. Light running, easy cleaning, close skimming, durable. Guaranteed a lifetime. Skims 30 qts. per hour. Made also in four larger sizes up to 5 1/2 shown below.

30 Days' Free Trial Return its own cost if it does not give you more milk and more by weight. Postage paid. Free catalog, folder and "direct-from-factory" price list from the manufacturer and save half!

ALBAUGH-DOVER CO. No. 574
2275 Marshall Blvd. CHICAGO

BEATRICE Cream Separator

Low Priced With Every Good Separator Feature

THE CONTINENTAL CREAMERY CO.
Topeka, Kan. Oklahoma City, Okla.

IRRIGATION

will save the pastures and crops. Use **American Centrifugal Pumps**

\$18 and up. Write for catalog on Irrigation.

THE AMERICAN WELL WKS. AGENCY, KANSAS CITY, MO.

Swede Terror Ridge Buster

F. O. B. Factory Only \$11.60

On account of the dry weather you will no doubt need one or two extra Ridge Busters to put in your wheat crop. We have put in a large supply so can ship promptly, and have made the price low so you can afford to buy.

Our new catalogue describing and quoting net low cash prices on farm implements, gasoline engines, buggies, wagons, stoves, sewing machines, etc., direct from our factory to you is now ready. Ask for it today. Don't forget, but write now for our Catalogue No. 2.

O'NEIL Implement Co.
Marselles, Illinois

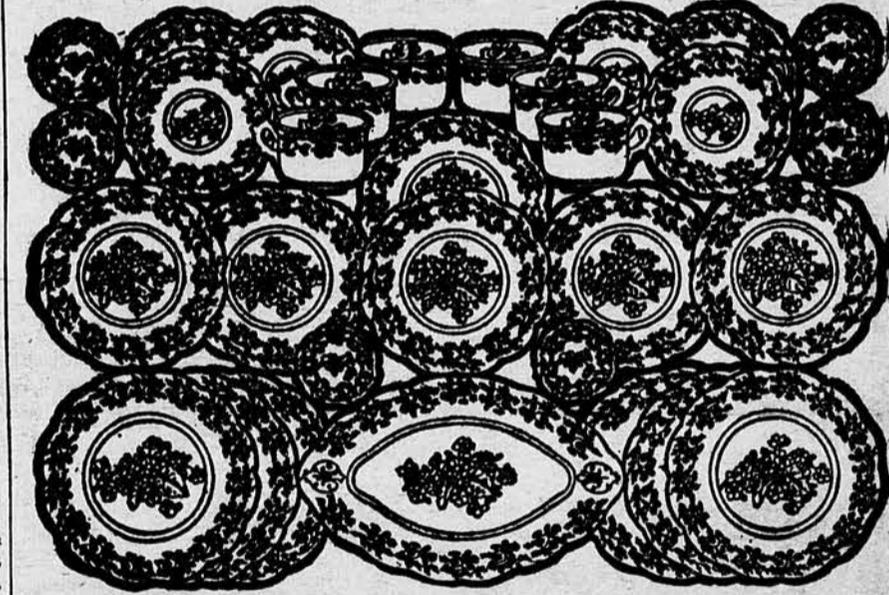
\$35 Only \$35 For an 8 foot galvanized steel windmill, and a 80 foot 4 post galvanized steel tower. The best that money can produce and guaranteed for 5 years, ONLY \$35. 5 years, ONLY \$35. and money back if your not satisfied. We make all sizes of mills and towers from 20 to 200 feet high. Write us to-day send us your order and save \$25 to \$30. Write to-day—Last You forget.

THE CLIFFER WINDMILL & PUMP CO. TOPEKA, KANSAS.

Poultry Magazine Big 40 to 80 page illustrated monthly magazine of practical, common sense chicken talk. Tells how to get most in pleasure and profit from poultry raising. 4 months on trial only 10c. **Poultry Culture, 800 Jackson, Topeka, Kan.**

There is an increasing tendency to employ married hired hands on farms.

74 ARTICLES FREE



I HAVE SELECTED the prettiest set of dishes I could find to give to my friends. The above picture does not show all the dishes, but gives a faint idea of the beautiful rich Rose design and the size of each piece. As soon as you send in the coupon below I will mail you a large picture of the entire set with each piece in all the pretty colors of red, white, green and gold, showing just exactly how the set will look when you take it out of the box in your own home.

In the center of each plate or dish there is a beautiful cluster of bright roses, surrounded by green foliage, all in perfectly natural colors. Around the edge of each piece there is a very heavy and artistic design in gold. The combination of gold, green, white and red, makes the most popular design yet produced in tableware. Fashionable, stylish, artistic and serviceable. The ware itself is pure white and dainty enough to delight the most fastidious housekeeper. When you get these dishes on your table you will have something to be proud of indeed. And we don't want you to pay us a cent of your money for them. What we ask you to do is so easy you will never miss the spare time it will take, and the pleasure these beautiful dishes give will be with you for years.

In addition to the lovely 33-piece American Beauty Dinner set I will also give 41 extra gifts. These 41 extra gifts are also free. I pack them in the crate with your dishes. Counting the 33-piece dinner set and the 41 other articles make 74 articles you will get by giving me a little of your spare time.

Fill out the coupon below and I will send you prepaid a big sample needle case, containing 115 Sharp's best needles, darners and bodkins, all fitted in a handy and convenient needle case. The darners are for cotton, wool, lace, gloves, carpets, etc. When you have received them show the needlecases to your friends and also show them the sample copy of the Journal of Agriculture and Star Farmer, which I will send you, and ask them for 25c each in connection with a special offer I will authorize you to make. When you have collected only \$4.00 for us in this way the lovely dinner set will be yours. Put your name on the coupon and send it at once. It costs you nothing to sign the coupon—I take all the risk.

SEND NO MONEY
Journal of Agriculture and Star Farmer, St. Louis, Mo.

Please send me free and postpaid the Big Needlecase of 115 best grade needles, together with large illustration in colors of the 33-piece dinner set and tell me about the 41 extra gifts. If I take orders for sixteen needlecases in connection with your special offer you are to ship me the complete dinner set, and 41 extra articles—total 74 articles.

Name

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.

WHY NOT ADVERTISE YOUR LIVESTOCK ON THIS PAGE?

If you have a few pigs, a young bull or a Jersey cow to sell, this is the place to find a buyer. The rate is only 5 cents a word per issue. If you need anything in the way of breeding stock, try a small ad on this page.

HORSES, CATTLE, HOGS, SHEEP.

FOR Long Mohair goats address D. S. Warner, Antelope Gap, Tex.

REGISTERED Guernsey cattle to sell. John Bogner, Mt. Hope, Kan.

FOR registered Hampshire hogs write W. L. Spencer, Neosho Rapids, Kan.

DURO PIGS \$10 to \$20; larger numbers less. Coppins & Clemmer, Potwin, Kan.

REGISTERED Shropshires. We are offering 25 head of rams at drouth prices. Doyle Park Stock Farm, Peabody, Kan.

CLOSE'S up-to-date Poland Chinas. 50 choice Apr. and May pigs at farmer's prices for quick sale. C. D. Close, Gorham, Kan.

SHORTHORNS, bred right, will sell right. White Sultan heads herd. For particulars write me. Louis Bauer, Sterling, Kan., R. No. 2.

\$6,000 BUYS equity 55 Jersey cows and heifers in 320 acre dairy farm. Santa Fe shops. No other dairy. Particulars. Address owner, Box 154, Slaton, Tex.

FOR SALE.

ALFALFA HAY for safe-car lots. Write for prices. John Gouff, Holmesville, Neb.

ALFALFA HAY, carlots; shipment same day. Write, wire or phone. Geo. R. Wilson, Newton, Kan.

HAY FOR SALE—Several cars good No. 1 Nebraska prairie hay for sale f. o. b. cars Concordia, Kan. A. L. Hall.

50% SAVED on watches and other imported goods direct to consumer. Write for price list. Box 861, San Antonio, Tex.

NEW extracted honey 120 pounds \$10.00; 60 pounds \$5.25. Broken comb, 115 pounds \$12.00; 58 pounds \$6.25. Bert W. Hopper, Rocky Ford, Colo.

AUTOMOBILE—Fine condition, 45 horsepower, seven passenger Rambler, cost \$2,500 new. Fine for livery car or farmer's family car. \$950 takes it. Call or address Mr. Judson, 701 Jackson in base., Topeka.

PIGEONS—Closing out my entire flock of Homers and Red Carneaux at prices lower than ever. Write me number and kind wanted and will quote you special prices. Lawellin Laizure, 908 Ind. street, Lawrence, Kan.

SEVEN passenger 60 horse power Winton six, fully equipped, self-starter, top and windshield. Cost \$3,000 when new. Can be bought for \$1,500. This is a great family car and has only been used by owner. Would also make profitable investment as livery car in country town. Call or address Mr. Wilson, care Topeka Capital, for demonstration.

FOR SALE OR EXCHANGE.

AN UP-TO-DATE stock of hardware and residence for land. Box 156, Wellington, Kan.

FOR TRADE—Muskegee property and farmland for mdse. T. B. Stewart, Muskegee, Okla.

EXCHANGES: 1,000 farms, mdse, etc., everywhere. What have you? Reldy & Overlin, California, Mo.

FOR SALE—Sixteen horse steam tractor, good as new, \$375. Dandy little gas tractor, \$350. S. E. Vaughan, Newton, Kan.

FOR EXCHANGE—A fine Colorado irrigated farm, ample water all paid up; want income or Kan. land. R. G. McCoy, owner, Formoso, Kan.

PLAYER PIANO—Will exchange brand new standard \$8-note player piano for good used automobile. Address E. M. Wallace, St. Joseph, Mo.

FOR SALE OR TRADE—Clean stock of general merchandise. Good live town. Deal with owner and save commissions. Address Good, care Mail and Breeze.

LIST YOUR EXCHANGES with us. List them at just what they are worth. Say what you want and where. Boyer & Co., 306 Commerce Bldg., Kansas City, Mo.

FOR SALE OR EXCHANGE—160 acres; 150 alfalfa; abundance of irrigating water from best ditch in the Arkansas valley; easy terms. Write C. F. Cook, Lamar, Colo.

K. C. RENTAL FOR CATTLE—\$3,500 equity in Kansas City residence—value \$6,000—to exchange for cattle. House is rented by the year at \$30 per month. Address S. H., 221 Clay St., Topeka, Kan.

FOR SALE OR TRADE for land: Artificial ice, pop, ice cream and butter factory. County seat town. Good dairy section. Excellent shipping facilities. No near competition. Machinery new and up-to-date. Cheap electric power. Abundance good well water. Owner's health failing. Owner, care Mail and Breeze.

FARMS WANTED.

NEW SYSTEM for quick sales, farms, etc. Saves commissions. Write for free advertising offer. Property also found free for buyers. Dept. 39, American Realty Guide, 501 Fifth avenue, New York.

FARMS WANTED. We have direct buyers. Don't pay commissions. Write describing property, naming lowest price. We help buyers locate desirable property free. American Investment Association, 28 Palace Bldg., Minneapolis, Minn.

LANDS.

FOR SALE: Gulf Coast prairie land. G. T. Reinhardt, East Bernard, Texas.

TRADE for cash and land, one or 15 lots at Tulsa. A. T. Jones, Sentinel, Okla.

FOR SALE—240 acre farm, and other real bargains. Letona Realty Co., Letona, Ark.

WRITE Olsen Land Co. for bargains; farms and town lots. College town. Goodwell, Okla.

FOR SALE—Minnesota improved farm. Easy terms or exchange. Wm. Cramer, Dunlap, Ill.

OZARKS, Garden of Eden. Healthy homes, easy money. Write A. A. Post, Dept. V, Rogers, Ark.

COME to Idaho. No drought, no failures; cheap land; write for literature. Badley, Caldwell, Idaho.

ARKANSAS FARMS. Write for Home-seeker's Guide, and large list of bargains. Moore, Searcy, Ark.

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

FOR SALE—Uncompahgre Valley, Colorado, land which is producing good crops every year. J. E. Franch, Olathe, Colorado.

SELL YOUR PROPERTY quickly for cash. No matter where located. Particulars free. Real Estate Salesman Co., Dept. 6, Lincoln, Neb.

FOR SALE—180 acres, 30 acres bottom land, balance pasture. Good improvements. Abundance water. Excellent terms. Chase County, care Mail and Breeze.

FINE, cultivated 160 and 80 acre Graham county, Kansas, wheat farms. Adjoins county seat. Account heart trouble, want farm farther east. R. Shaeffer, 3257 Warwick, Kansas City, Mo.

JUST OPENED FOR SALE—Twenty thousand acres fertile farm land, well located; no rocks or overflow; surprising bargains. Select now and get choice. Write Brown & Son, Sheridan, Ark.

80 ACRES in Norton Co., 60 in corn this year. Mtg. \$850. Equity of \$100 for cows or young stock. Might take team heavy mares, something cheap, not over 12 years old. F. E. Stewart, Americus, Kan.

FOR SALE—My new modern seven room house and three acres, or house and part of ground. Well built, convenient, complete. Fine location, near Agricultural college, Manhattan, Kan. John W. Scott.

A FARM of 160 acres for sale. Worth \$6,000, but will sell for \$4,500. Fair improvements of all kinds. Five miles from railroad town. Reason for selling, old age. Mrs. M. E. Hatfield, R. No. 2, Hinton, Okla.

COLORADO, the dairyman's paradise, 3 to 4 crops alfalfa yearly. Good markets. Irrigated lands \$60.00 per acre up, crop payment. No cyclones; no tornadoes. For full particulars write W. E. Kinsella, Greeley, Colo.

3,000 A., 600 a. river bottom land. Alfalfa growing. Hundreds large shade trees. Fair improvements. Inexhaustible water with grass and stacked feed. 2 miles from Co. seat and U. P. division. Ed Carter, Sharon Springs, Kan.

ADVERTISE YOUR PROPERTY in Kansas Weekly Capital for quick and sure results. 200,000 circulation guaranteed—among best farmers in Kansas. Advertising rate only 5c a word. Address Kansas Weekly Capital, Adv. Dept., Topeka, Kan.

OREGON BOOK FREE sent on request. Official state book telling of Oregon's resources, climate and agricultural opportunities for the man of moderate means. Questions will have painstaking answer—we have nothing to sell. Room 1, Portland Commercial Club, Portland, Oregon.

RICH, level, productive land near main line railroad; good building material cheap and easy to get; good water, fuel, markets; free range; best proposition yet offered for general farming and stock raising. Write now to Inter-State Land Company, Lock Box 899, Omaha, Nebraska.

ALBERTA. 658 acres fine mixed farm. 1 1/2 miles frontage on lake. About 450 acres tillable, 70 cultivated, 500 fenced. Good house, 2 story barn, stables, dairy, granaries, hen house. Snap \$17 per acre, \$4,000 cash, balance arranged. About this and other bargains write George Grant, Herald Block, Calgary, Alberta.

280 ACRES 45 miles from Minneapolis; one mile from town; heavy soil; 160 acres under cultivation and into crop this year; balance pasture and meadow; can all be cultivated; good set buildings; 18 good milk cows, six horses, complete set farm machinery, hogs, chickens, all this year's crop and everything goes at \$40 per acre; \$6,200 cash; balance can stand; 6% interest. Schwab Bros., 1028 Plymouth Bldg., Minneapolis, Minn.

\$2.50 TO \$12.00 PER ACRE. That's the price of good land in Nevada. The day is rapidly passing when you can get good land cheap. But Nevada wants you and land there is held down in order to get good settlers. There are 100,000 acres in Elko county, Nevada subject to dry farming or irrigation by wells. The markets are near and transportation facilities good. Write to me for complete free information.—B. A. McAllister, Land Commissioner, 877 B Flood Bldg., San Francisco, Calif.

WISCONSIN LANDS.

EASY MONTHLY or yearly payments, no interest or taxes, buys 40 acres or more of hardwood land in the Prentice Tract. Price county, Wisconsin, near towns, schools, improved farms, and on good roads; no sand or pine stumps; price lower than others. Write for illustrated booklet: free. Bleier & Bannerman, Room 614, 35 S. Dearborn St., Chicago.

FARMS WANTED.

WANTED—A farm to work on shares, owner to furnish everything. Good reference. Address Box 12, Americus, Kan.

FARMS wanted in the West. What have you for sale? Address the Farmers Land Market, 323 Mermod Jaccard Bldg., St. Louis.

FARMS FOR RENT.

IRRIGATED farms for rent. Write for descriptive folder. E. C. Stovall, So. Bend, Young Co., Tex.

WANTED TO BUY.

PIGS WANTED—Carlot or less. Write The Springdale Stock Ranch, Concordia, Kan.

WANTED TO BUY a bunch of good winter milk cows. J. L. Coates, Greensburg, Kan.

WANTED—Car load each Shorthorn, Guernsey and Jersey heifers and cows. State price. Geo. B. Owen, Grand Junction, Colo.

SEEDS AND NURSERIES.

TREES at wholesale prices. Fruit Book free. Address Wichita Nursery, Box B, Wichita, Kan.

WINTER ONION SETS 60c peck. \$1.50 bushel. Not prepaid. John Patzel, North Topeka, Kan.

ALFALFA SEED. Finest quality, fresh seed. Write for samples and price. D. Badger, Eureka, Kan.

250 BU. alfalfa seed, fancy grade, guaranteed pure. \$7 per bushel, sacks free. John Ryman, Dunlap, Kan.

ALFALFA SEED. New crop. On track \$6, cash with order. Sample sent. O. A. Harold or A. W. Webb, Toronto, Kan.

ALFALFA SEED. Fancy alfalfa seed for sale. Fine quality, non-irrigated seed. No weeds. \$8.25 per bushel. Write for sample. Horney Bros., Neodesha, Kan.

FOR SALE—Two new grains, No. 17 Beardless winter wheat, has yielded 72 bus. Improved Winter Speltz, yielded 180 bus. Description, samples and price free. Griswold Seed Co., 141 So. 10th St., Lincoln, Neb.

DOGS.

WOLF HOUND pups. D. H. Bibens, Larned, Kan.

FEMALE COLLIES, three fifty each. S. C. Gardner, La Harpe, Kan.

FOR Russian wolf hound pups, address Ben Bachus, Abbyville, Kan.

SCOTCH collie male pups seven months old. Martin Diekmann, White City, Kan.

WOLF HOUNDS—Stag hounds. Guaranteed to catch wolves. Oscar Daub, Elmdale, Kan.

SCOTCH COLLIES—All sizes. Fourteen females. Southport Saaple stock. J. C. Starr, Vinita, Okla.

TO PURCHASE, pair trained wolf hounds, also collie bitch trained to work sheep or goats. Address Ferrell Flowers, Cauthron, Ark.

AUTO SUPPLIES.

40% TO 75% saved on tires. Printed guarantee for 2,500 miles with every tire. Generally run 3,000 to 6,000 miles. Every tire re-made by hand, free from imperfections and blemishes of all kinds. Our prices, 28x3, \$6.87; 30x3, \$7.35; 30x3 1/2, \$10.46; 32x3 1/2, \$10.96; 34x4, \$14.90. All sizes. All makes. Write for free catalogue and price list. Give size used. Peerless Tire Co., 1588(C) Broadway, New York.

PATENTS.

PATENT YOUR IDEAS—They may bring you wealth: 64-page patent book free. W. T. Fitz Gerald & Co., 816 F. St., Washington, D. C. Est. 1880.

SEND FOR FREE BOOKLET, All About Patents and Their Cost. Shepherd & Campbell, Patent Attorneys, 500 C Victor Bldg., Washington, D. C.

IDEAS WANTED—Manufacturers are writing for patents procured through me. 3 books with list 200 inventions wanted sent free. Advice free. I get patent or no fee. R. B. Owen, 34 Owen Bldg., Washington, D. C.

SALESMEN WANTED.

SALESMAN WANTED. Salary \$80.00 and expenses, previous experience not required. Address W. D. Coulter, general delivery, Topeka, Kan.

SALESMEN—To sell high grade guaranteed groceries at wholesale direct to farmers, ranchmen and all consumers. Earn \$4 to \$10 and up per day. A big chance to get into business for yourself. Save the buyers the retailer's profit. Every customer is a permanent one. Demand constantly increasing. Latest plan. F. M. Hitchcock-Hill Co., Chicago.

HONEY.

WHITE or light amber extracted, 2 60-pound cans \$10. Broken comb or chunk, 2 58-pound cans \$12. R. A. Hopper, Rocky Ford, Colo.

HELP WANTED.

MEN—WOMEN—Get government jobs. "Full" unnecessary. Thousands of appointments. List of positions open free. Franklin Institute, Dep't S 53, Rochester, N. Y.

WANTED: Men and women for government positions. Examinations soon. I conducted government examinations. Trial examination free. Write, Ozment, 38, St. Louis.

WILL PAY reliable woman \$250.00 for distributing 2000 free packages Perfumed Soap Powder in your town. No money required. M. B. Ward & Co., 318 Institute Pl., Chicago.

WE WILL PAY YOU \$180.00 to distribute religious literature in your community. Sixty days' work. Experience not required. Man or woman. Opportunity for promotion. Spare time may be used. International Bible Press, 538 Winston Bldg., Philadelphia.

GOVERNMENT JOBS open to men and women. \$65 to \$150 month. Vacation steady work. Short hours. Common education sufficient. "Full" unnecessary. Thousands of appointments coming. Write immediately for full particulars and list of positions open. Franklin Institute, Dep't S 53, Rochester, N. Y.

MALE HELP WANTED.

GOVERNMENT FARMERS wanted. Make \$125 monthly. Free living quarters. Write, Ozment 38 F, St. Louis, Mo.

WANTED—Railway mail clerks. \$75.00 to \$150 monthly. Details free. Franklin Institute, Dep't S 53, Rochester, N. Y.

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.

U. S. GOVERNMENT wants city mail carriers—postal clerks. \$65 to \$100 month. Nov. examinations everywhere. Farmers eligible. Full description free. Franklin Institute, Dep't T 51, 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. All or spare time only. This is an exceptional opportunity for a man in your section to get into a big paying business without capital and become independent for life. Write at once for full particulars. National Co-operative Realty Company, L-157 Marden Building, Washington, D. C.

MISCELLANEOUS.

E. R. BOYNTON HAY CO., Kansas City, Mo. Receivers and shippers. Try us.

HIGHEST PRICES paid for fresh eggs and fancy poultry. Shelton & Co., Denver, Colo.

PLACES found for students to earn board and room. Dougherty's Business College, Topeka, Kan.

WANTED—Cattle to winter out. Would also pasture same next summer. Henry Glantz, Collyer, Trego Co., Kan.

THE ANDERSON LOADER, loads manure, cornstalks, stackbottoms, dirt, gravel, sand; no hand work. Write Anderson Mfg. Co., Osage City, Kan.

STOP THOSE HEAVES! Let me send you Baird's Heave Remedy. Does not shut them down, but cures them. Absolutely guaranteed. Write for particulars. Baird Mfg. Co., Dept. 15, Purcell, Okla.

POULTRY MAGAZINE—Big 40 to 80 page illustrated magazine of practical common sense chicken talk. Tells how to get most in pleasure and profit from poultry raising. 4 months on trial only 10c. Poultry Culture, 904 Jack-on, Topeka, Kan.

I HAVE good pasture, plenty of feed and good water sufficient to water 75 head of stock cattle. Would take them on shares or trade 160 acres land in Oklahoma county. Geo. H. Dodson, 515 Terminal Bldg., Oklahoma City.

AGENTS WANTED.

AGENTS—Novelty knives and razors are lightning sellers. 100% profit. Exclusive territory. Goods guaranteed. Novelty Cutlery Co., 160 Bar St., Canton, Ohio.

CAN USE a few experienced salesmen in Kansas to act as special representatives in good territory. Write Circulation Manager, Farmers Mail and Breeze, Topeka, Kan.

MEN OF IDEAS and inventive ability should write for new "Lists of Needed Inventions," "Patent Buyers" and "How to Get Your Patent and Your Money." Advice free. Randolph & Co., Patent Attorneys, Dept. 25, Washington, D. C.

YOUNG MAN, would you accept and wear a fine tailor made suit just for showing it to your friends? Or a Slip-on Raincoat free? Could you use \$5 a day for a little spare time? Perhaps we can offer you a steady job? Write at once and get beautiful samples, styles and this wonderful offer. Banner Tailoring Co., Dept. 493, Chicago.

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.

Motors and Wide Tires

I take great interest in your "What the Farmers are Thinking" page, but every once in a while it seems to me some fellow's thinker gets to working wrong, as regards the question of taxing narrow-tired wagons. It appears to me that the crowd that is advocating such a tax has the wrong idea about taxes. They speak of taxation as if it were a fine, or a penalty for misde-

meanor or wrong doing. They say a narrow-tired wagon damages the roads and we should be fined for so doing, only they call it a tax. They say the law taxes the autos and they do not damage the road. Now if I understand the principle of taxation, we are taxed to maintain our government and enforce the laws, and the aim is to tax each person according to the benefit derived. A person having much property is taxed more than the man with little property, because he derives more benefit, has more property to be protected. Now the automobile derives more benefit from good roads than any other class of vehicle; said automobile would be an impossible proposition without the very best of roads. Therefore, I think it is right to tax them for the benefit of the road. When it comes down to a question of narrow or wide-tired wagons, I believe everyone will acknowledge that the wide-tire is most benefited by good roads, as they would be next to impossible with the kind of roads we used to have. Therefore, if either should be taxed, it certainly should be the wide-tire. Again, the narrow-tire is greatly in the majority, and certainly the majority has a right to use what they prefer, as this government is supposed to be governed by a majority. If these fellows who have bought wide-tired wagons find they would do better if there were no narrow-tires allowed on the road, they have the privilege of discarding their tires and buying narrow ones. But those who use the narrow tires object to being charged with damages, found guilty and fined without judge or jury, or being heard themselves. If taxation is to be levied according to the damage done the road, it would be necessary to find out how heavy a load each man was going to haul, as a heavy load cuts up the road worse than a light load, under some conditions. An additional tax on narrow-tires would, as a rule, fall the heaviest on the poorer class of farmers, as a great many of them farm with small horses that would not be able to handle a heavy wide-tired wagon, except under the most favorable conditions. J. H. Ginter. R. 6, North Topeka, Kan.

New Crop Seeds

Alfalfa Write today for samples and special prices. "Missouri Brand" seeds the best obtainable.
Timothy
Bluegrass
Missouri Seed Co., Box 3, Kansas City, Mo.

MEN WANTED IN AUTO BUSINESS

Big demand for trained men. Earn from \$75.00 to \$150.00 per month. Learn all about automobiles in six weeks by THE "SWEENEY SYSTEM" of practical experience. In our machine shop, garage and on the road you learn by actual experience how to repair, drive, demonstrate and sell automobiles. FREE—Write today for catalog and certificate, entitling you to free \$50 course in running traction engines—we own two tractors. Only auto school in the world teaching tractioning. Send name today. SWEENEY AUTO SCHOOL. 1121 E. 15th St., Kansas City, Mo.

GOOD LUMBER CHEAP
Posts, Cement, Mill Work.
Pay when you unload and are satisfactory.
FARMERS LUMBER CO.
24th & Loyd, Omaha Neb.

WICHITA BUSINESS COLLEGE
Teachers
The strongest reason for your attending the Wichita Business College is that it has the largest and most experienced staff of teachers to be found in any Western business college. Each department is in charge of a principal who has had many years practical experience in the work handled by him. Employing so many teachers enables us to conduct enough classes to insure each student's being placed where he belongs whether it is studying fractions or reviewing the most difficult problems of higher accounting. A W. B. C. teacher must not only be competent to teach but must be kind, patient, considerate, so the beginner's first few days are free from embarrassment and discouragement. A teaching staff is by far our heaviest item of expense, but it has caused us to be known as The High Grade Business College of the West. Address Secretary Hunt, W. B. C., Wichita, Kan.

DON'T BE A "DUB"!
and do hard work, at poor pay, all your life. Learn the trade which pays better than a profession.
BE AN AUTOMOBILE ENGINEER
A course in our school qualifies you for Chauffeur, Repairman, Demonstrator, Salesman, Garage Manager or Owner, Gas, Gasoline or Crude Oil Engineer, Carburetor or Magneto Expert. The most thorough, practical, course, of the kind, in the country. We fit you to
EARN BIG MONEY AND FURNISH YOU TOOLS FREE
We want to tell you all about what we can do for you—what we have done for others—what a prosperous future is open to you if you will let us prepare you. Write today—right now—for full information on our big special reduced tuition, and free tool offer for regular 6 weeks' course, and start on the road to success.
KANSAS CITY AUTOMOBILE SCHOOL
(The original school with Cliff Hogan, the pioneer, behind it.)
2116 E. 15th St. KANSAS CITY, MO.

Write quick and save 40% to 60% on your Fall Building

Saved \$327
"The barn is a dandy and we feel greatly indebted to you. The same quality of lumber here would cost nearly one half more."
J. D. Johnson,
Spring Creek Ranch,
Fallon, Mont.
June 17, '13.

Saved \$200 to \$300
"My carpenter thinks my car of lumber the best that ever came into Marion. I saved \$200 to \$300."
Abraham Duerksen,
Marion Junction,
So. Dakota.
May 21, '13.

Saved over \$200
"You saved me over \$200. I would advise the farmers to buy their lumber from the Hewitt-Lea-Funck Co."
S. B. Dillenburg,
Pierz, Minn.
June 17, '13.

If you are going to build this fall, don't fail to send your bill of materials to Hewitt-Lea-Funck for prices. You can save 40% to 60% and get better lumber and millwork for your money.

Buy direct from our six mills
We control thousands of acres of choice timber in Pacific Coast States—all the cutting, logging and manufacturing of lumber and millwork takes place under one continuous operation, under one overhead expense, effecting a tremendous saving—and you get the benefit.

Five middlemen—wholesaler, jobber, commission man, salesman and dealer—get fat profits when you buy of your local dealer. No wonder lumber prices are high. By selling you direct we save you 40% to 60% and give you better material.

Quick delivery—satisfaction guaranteed
We make shipments within 24 to 48 hours after order is received. Shipments reach destination within an average of two weeks. Write today for price list. Better still send your list of materials for guaranteed prices, freight prepaid. Money back unless satisfied. Mail coupon today.

Silos at 40% to 60% saving
Seattle Silos of one-piece clear fir staves and patented swinging doors are the best value on the market.
Hewitt-Lea-Funck Co.,
470 Union Ave. Seattle, Wash.

Hewitt-Lea-Funck Co., 470 Union Ave., Seattle, Wash.
Send following, quoting prices, delivered my station. Be sure to write plainly.

Catalog lumber and millwork Special Silo folder
Name _____ Business _____
Address _____
I am planning to build as follows: _____

But How About the Curs?

Mr. Editor—Our legislature passed a law placing a tax of \$1 a head on dogs, to go into effect next year. This means that farmers will get rid of their coyote hounds which will allow the coyotes to become all the more numerous. The man who keeps coyote hounds should receive \$1 a head annually instead of paying a tax on them. Now I want you to print this or stop my paper.
Hill City, Kan. Joe Hemmy.

ARTHUR CAPPER'S STORY OF THE PANAMA CANAL

A Special Edition Just Published for Free Distribution Among Our Readers.

We have just taken from the press a large edition of what many people have said is the most comprehensive and most interesting story of the Panama canal ever written. The story is published in book form, filling 36 pages and containing many interesting illustrations.

Mr. Capper spent several weeks in the Canal Zone and wrote this story as he inspected the canal from one end to the other. The book is well bound with a full page illustration on the front and back cover. All the interesting facts about this greatest of the world's great engineering feats are told in this newest Panama Canal book.

By manufacturing this book ourselves and printing a very large edition we are enabled to distribute these books, free and postpaid, among our readers on the following offer: One book given to all who send 25 cents to pay for one new, renewal or extension subscription to Capper's Weekly (formerly Kansas Weekly Capital). Two books given to all who send 50 cents to pay for a three years' subscription. Send in your own subscription or the subscription of a friend and get all the interesting facts about the great Panama Canal. Address Capper's Weekly, 204 Capper Bldg., Topeka, Kansas.

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Buy from me direct and save middlemen's profit. Choice seed. J. J. Merillat, St. Marys, Kan.
For Sale Alfalfa Seed
New, bright, extra high grade alfalfa seed—1913 crop—\$8.00 per bu. Choice seed at \$7.50 per bu. F. o. b. cars Belle Plaine. Send us your orders. Satisfaction guaranteed.
BELLE PLAINE IMPL'T CO., Belle Plaine, Kans.

BUTLER Grain Bin
Corrugated. Can't Cave In. Rat-Proof. Fire-Proof.
Can be used for store houses. Capacity increased by additional sections. Keeps grain perfectly. Large door and removable shelving board. Ask for booklet showing letters from satisfied users.
BUTLER MANUFACTURING CO.
1204 W. Tenth Street, Kansas City, Mo.

Farm where IRRIGATION makes big crops CERTAIN

Why farm in congested country—struggling with worn-out soil, in a climate where crops are a failure half the time—when you can take life easier, have a smaller investment, and reap double profits from an irrigated farm in the great
Green River Basin Wyoming.
Markets are close and the demand for farm products in this locality far exceeds the supply. On the irrigated farms in first year's crops of oats on land just cleared from sage brush averaged \$33.30 per acre. Total cost of land \$25.50 per acre. Profit to farmers first year \$12.70 per acre and their farms all clear. In Wyoming, the world's record crop of potatoes was produced (987 bu. to the acre). Alfalfa here yields 3 to 7 tons to the acre, oats 50 to 75 bu., wheat 35 to 40 bu., barley 40 to 50 bu., speltz 50 to 75 bu., onions 12 to 15 tons to the acre. The bumper crops harvested year after year on these irrigated lands amaze the rain-belt farmer. Get one of these farms now while the price is low.
\$3⁵⁰ an acre Balance in 10 annual payments.

Now is your chance to get settled, and to grow rich with the development of one of the rapidly growing States in the Union. You can make more money here than you could ever hope to make in the rain-belt States. Visit Green River Basin and be convinced.
Free Trip to Wyoming.
This company conducts parties on tour of inspection free of charge. Write for complete information regarding these free trips.
UINTA COUNTY IRRIGATION CO.,
1009 Baltimore Ave., Kansas City, Mo.
Coupon For FREE BOOK and information about FREE TRIP TO WYOMING.
UINTA COUNTY IRRIGATION CO.,
1009 Baltimore Ave., Kansas City, Mo.
Send me at once free trip offer and a copy of your book describing the Green River Basin of Wyoming.
NAME _____ P.O. _____ STATE _____
Write today for Free Book about Farming in Green River Basin.

BIG BARGAINS IN REAL ESTATE

Dealers whose ads appear in this paper are thoroughly reliable and bargains worthy of consideration.

Special Notice

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

WRITE J. M. McCown, Emporia, Kansas, special bargain list, farms and ranches.

WRITE for list of Southwest Missouri farms. Noel Realty Company, Noel, Mo.

CALL on farmer's agent for land bargains. Spring and well water. Descriptions given. Terms. Col. G. W. Mitchell, Anderson, Mo.

BARGAIN: 80 a. imp. 4 miles out. \$3,800. Send for land list. F. C. LIBBY, Blue Mound, Linn Co., Kansas. J. L. Wilson, Salesman.

320 A. 100 a. bottom, 150 a. in grass, bal. in cultivation; living water. Want to exchange for 80 a. well improved near Topeka, Kan. S. F. Gutsch, Hope, Kan.

ARK. land. 444 a. sandy loam adjoining town of Washington, large house, 4 tenant houses, fine timber, plenty water. 80 a. Bermuda grass. \$25 a. Terms. Write for list. Horton & Co., Hope, Ark.

FOR SALE: Eastern Kansas improved farms, at bargain price. 240 acres, \$45 per a. and clear; 60 acres \$50 per a.; \$1,000 cash, bal. to suit. 80 acres all fine bottom alfalfa land, \$50 per a., with never failing water and corn that will go 40 bu. to the acre this year. 480 acre farm for sale or rent. 2,500 hedge-posts for sale. Suburban 30 acres all in alfalfa. Improvements cost \$3,500, price \$8,000. These farms all located close to county seat. Address: Box 193, Garnett, Kansas.

FINE FARM IN CHASE CO., KAN. 360 a. 2 mi. R. R., 175 a. bottom land, 40 a. in alfalfa, 185 a. grazing land. Fair Impr. No better land in Kan. than this bottom land. Running stream, abundance timber. \$20,000. Very liberal terms on \$12,000. J. E. BOGOK, Cottonwood Falls, Kan.

For Sale

You can own the best watered farm in Lyon county, Elmendorf township; plenty water. 425 acres, two sets improvements, \$50 per a. Address: H. F. BLOOD, Cattaraugus, N. Y.

Wanted, A Chance

to show you some bargains in Lyon Co. alfalfa farms; any sized tracts, around Emporia, Kansas; the best school town in the state. I pay the expenses. Will mail list on request. FRED J. WEGLEY, Emporia, Kan.

UKANTLOSE

on investments in Plains, Kansas Town Lots at \$17.50 to \$50.00—easy monthly payments. Rapidly growing little city—modern buildings, cement walks, electric lights, 400 prosperous citizens—and growing rapidly. Now's the time—don't delay—write today. JOHN W. BAUGHMAN, Plains, Kan., Desk "G."

On New Railroad

Relinquishment and Deeded Quarter Adjoining, making nice level 1/2 sec. near Rolla, good town on new R. R. being built by Santa Fe. House, barn, etc., well, windmill, tanks, 30 a. in cult., on deeded quarter. Imp. worth \$600. Price \$10 per a. all cash. Owner made \$26 per a. clear last year. Relinquishment: \$500, small house near well. (\$2,000 for the two.) Unimp. land in same neighborhood selling for \$2,400 per qr. A snap. DON VAN WORMER, Rolla, Kan.

Dairy Farm Bargain

80 Acres Close to Wichita, Kansas Large new silo, rich land, fenced for hogs. Five room house; horse, cow and hog barns. A hustler can take a small dairy herd and make it pay for this farm. Only \$7,200. Terms to suit.

H. E. Osburn

227 E. Douglas Ave., Wichita, Kan.

Southeastern Kansas Land

Best stock ranch in eastern Kansas, 1394 acres, splendid land, all fenced and cross fenced; 3 1/2 miles woven wire fence with posts of osage orange; 620 a. in cultivation; 400 a. meadow; 350 a. pasture, with 2 miles creek water; lined with 100 a. timber of best varieties through pasture. House No. 1—7 rooms; barn 32x200 feet, mow room for 250 tons of hay, 40 stalls. House No. 2—4 rooms; barn 25x40 feet, mow room for 85 tons of hay. House No. 3—4 rooms; shed barn for 10 horses; granary for 2000 bushels wheat; small barn for 9 horses, with hay mow; warehouse 20x40 feet; 3 stock wells, wind pump, abundance of excellent water. Land has been used as a horse ranch for over 30 years. 1000 loads of manure applied annually. Land is in a high state of cultivation, and constantly improving. Located 4 miles from R. R. station, and 7 miles from county seat. This is not only the best but the cheapest stock ranch in eastern Kansas. Price \$50,000; \$35,000 down. \$15,000 in 5 years at 5 per cent. No trades.

480 a. best second bottom land 2 1/2 miles from R. R. station, 5 miles from Chetopa, Kan.; 195 a. in cultivation; 195 a. meadow; 6 room house; barn 20x30, with hay loft; sheds, cribs, etc. Meadow cuts two crops annually. No rocks, hills, swamps, or any other blemishes. A flowing artesian well of purest water—has cured many sick people; splendid location for a sanitarium. All black, sandy, second-bottom land. No trades. Price \$17,000, in payments.

102 acres high bottom land on bank of Neosho river; 50 a. in cultivation; 50 a. fenced for pasture, timber in pasture; frame house, four rooms; stable for four horses; excellent alfalfa land; buildings need repairs. Very cheap at \$3,000; \$1,000 down, long time on balance.

Other bargains: send for list.

J. B. Cook, Owner,
Chetopa, Kansas.

WRITE G. W. Whited, Goodman, Missouri, for prices on fruit and berry farms.

FOR SALE: Home near Manhattan College. A. W. Atkinson, Manhattan, Kan.

SPECIAL: 1/4 section, imp. All tillable. Stevens Co., near new R. R. Ten fifty, part cash. Write for list. Luther & Co., Rolla, Kan.

SECTION, 1/4 alfalfa land; balance hay or pasture. Fine imp. Plenty of water. Five miles town. P. D. Stoughton, Madison, Kan.

160 A. 3 mi. out; elegant impr. No waste. Price \$3,000. Terms, clear. 80 a. 5 mi. out, good impr. no waste. Price \$4,300. Terms, No trades. John A. Decker, Valley Falls, Kan.

160 ACRES, good Stevens county land, 4 mi. from R. R. Small house. 90 acres in cultivation. Price \$1,280. Write for other bargains. John A. Firmin, Hugoton, Kan.

STOCK FARM. 520 a. 200 a. in cult. 20 a. alfalfa, some creek bottom, fair set of improvements. 3 mi. from town. Price \$40 per a. In Marshall Co., Kan. Only 20 days to sell. Pralle Bros. Realty Co., Bremen, Kan.

214 ACRES improved, 4 miles out, \$55 per acre, \$2,000 cash, bal. long time. R. M. McGinnis, Princeton, Kan.

CLARK CO., KAN. 800 a. 7. mi. south of Bloom, 12 of Minnesota; 400 broken and planted 1913. About 200 hay and grazing; inexhaustible springs; fenced; \$15,000. Terms. Owner, Robt. C. Mayse, Ashland, Kan.

FOR SALE: 240 acres, fine dairy farm, improved, 80 a. cult., running spring, never-falling water, 4 miles county seat, Jetmore, \$15,000 per a. if sold soon; terms. W. S. Kenyon, Jetmore, Kansas.

I HAVE the finest grain, stock, and alfalfa farms in Sumner county, from \$45 and up, per acre. Well improved. Good water. Fruit and vegetables. Write me what you want. Information free. I also make exchanges. Write: H. H. Stewart, Wellington, Kan.

FARMS FOR THE POOR. Imp. E. Kan., Neb., and Mo., EASY PAYMENTS, or exch. Also Topeka homes. Kaw Valley Exchange, 104 E. 6th, Topeka, Kan.

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. PICKENS & DENSLAW, Meade, Kan.

CHASE COUNTY FARM FOR SALE. 200 a. good bottom alfalfa land, on Santa Fe R. R., 4 miles of two good towns, 5 room house, large barn, plenty of other outbuildings, wells and springs, soil, black loam. Price \$55.00 per acre. A. J. KLOTZ & CO., Cottonwood Falls, Kan.

PAY FOR IT LIKE RENT. 600 acre ranch in eastern Kansas, best barn in the country, 6 room house, all other outbuildings, nice creek, plenty of timber, fine grass land. Some bottom land. New school and church. 5 mi. from town. If interested, write L. H. WHITEMAN, 291 Bitting Bldg., Wichita, Kan.

LINN COUNTY FARMS. Biggest bargains in Kansas. Corn, wheat, timothy, clover, bluegrass land \$15-\$30. Coal, wood, gas, abundance good water. Fruit, everything that goes to make life pleasant. Large illustrated folder free. EBY-CADY REALTY CO., Pleasanton, Kan.

NORTHEASTERN KANSAS BARGAINS. 195 acres, imp., 4 miles out, \$42.50 per a. 160 acres, improved, 4 miles out, \$50 per a. 80 acres, improved, 4 miles out, \$60 per a. 100 acres, improved, 5 miles out, \$65 per a. 80 acres, improved, 3 miles out, \$70 per a. 200 acres, finely improved 3 mi. out, \$70. COMPTON & ROYER, Valley Falls, Kan.

FOR SALE. 152 a. at \$100 a. Three blocks to high school. Just out of the city limits. New 7 room house all plumbed with gas burners. Fine shade, good water and plenty of it. 40 a. bluegrass pasture, 90 a. fine corn. 1/2 of it will go with the place if sold in the next six weeks. There is some hay land all fenced and cross fenced; for more information write S. S. Smith, Moran, Allen Co., Kan., R. F. D. No. 1, Box 733.

OKLAHOMA

MEAT market, groceries, fixtures, \$1,800. No competition. "Fitz," Davenport, Okla.

830 ACRES best farm land in Eastern Oklahoma, must be sold in 60 days. W. P. McClellan, Claremore, Oklahoma.

ALL CROPS except very late corn good this vicinity. Buy land where it rains. Unimproved land \$3.00 to \$15.00 per acre. Improved farms \$15 to \$30 per acre. Southern Realty Co., McAlester, Okla.

20,000 ACRES best farms in southern Oklahoma to select from. Will make liberal loans upon any farm offered you. No drouth here. Write wants first letter. No trade. Holmes Colbert, Calera, Okla.

CADDO COUNTY WNS. First on agricultural products at State Fair. Write for information, corn and alfalfa lands. Baldwin & Gibbs Co., Anadarko, Ok.

EASTERN OKLAHOMA LAND. 665 a. black limestone soil, 400 cult., 100 grass, bal. pasture. 4 sets buildings, 2 flowing wells. \$40 per a. Will pay \$665 in advance per year royalty for oil lease. One-eighth of oil after development. EDWARD LEON, Siloam Springs, Ark.

LOUISIANA

DON'T be a renter; we sell finest improved corn land in North Louisiana on 15 years' time. Write HUGO JACOBSON, Saffina, Kansas, immigration agent.

CANADA

CANADA For sale, improved farms, ranches and raw lands in Southern Alberta. LYNN W. BARRETT, Aldersyde, Alberta.

FOR SALE OR EXCHANGE

GROCERIES for land or land for mdse. F. Gass, Joplin, Mo.

WHAT have you to trade? Explain fully. John D. Jones, Plains, Kansas.

NEW, snappy exchs. Write stating wants. C. H. Karges, Box 242, Bennington, Kan.

FOR EXCHANGE: Furnished hotel and six lots in Clarin, Kan., for south Missouri land. C. S. McCabe, Clarin, Kan.

WE will find you a good trade anywhere or no pay. Listing free. Write us. Farmers Co-Operative Land Market, Virgil, Kan.

\$6,000 CLEAN, snappy stock gen. mdse., clear. Want good farm in E. Oklahoma or Kansas. Write "Fitz," Davenport, Okla.

\$16,000 GENERAL merchandise, never changed hands; for good Kansas land. A. W. BREMEYER & CO., McPherson, Kan.

FOR EXCHANGE. Chicago income property near Washington Park (flats). Annual rentals \$7,500. Owner will exchange for eastern or central Kansas lands. C. J. Evans, Columbian Bldg., Topeka, Kan.

EXCHANGE for clear Kansas or Missouri land, some good residences in Lawrence, Kan. Also several good well improved farms 30, 160, 240, 400 acres each; close to town. Small mortgage owned by non-residents who want clear raw land. Have cash buyers for few cheap quarters. Hemphill Land Co., Lawrence, Kan.

WILL TRADE property, free of incumbrance, Ft. Stockton, Pecos county, Texas, for farm or stock of goods, central or eastern Kansas. Ft. Stockton has irrigated lands, crops of all kinds can be raised; fine water and healthful climate year round, good for throat, asthma and lung trouble. Address F. E. Grimes, owner, 302 Dwight Bldg., Kansas City, Mo.

FOR SALE OR TRADE. An A-Number One 40 acre farm, well improved, with 20 acres of fruit, in two miles of Siloam Springs, Ark. For particulars address E. L. Peterman, Siloam Springs, Ark.

FOR SALE. An ideal stock ranch, 560 acres. Grain and fruit farms. City residences. Business houses and vacant properties. Write for lists of 50 special bargains. OZARK LAND CO., Gravette, Ark.

120 A. 3 MI. OF WELDA, KAN. 80 cult., 40 pasture, \$50 per acre, mort. \$2,100, wants mdse. 320 acres 2 mi. of Garnett, Kan. 200 cult., bal. meadow and pasture, \$30,000, clear, wants smaller farm, timber or rental. SPOHN BROS., Garnett, Kan.

LIVESTOCK WANTED FOR LAND. Have a nice smooth quarter, two miles from Medford, Okla.; fine wheat, corn and alfalfa land, all under plow but 30 acres, it's pasture, could be farmed. Trade for cattle or horses. Farm worth \$10,000; mortgage of \$2,500. What have you? Give particulars in first letter. W. T. ROCHE, Clay Center, Kan.

Store For Sale

Stock of general merchandise, \$10,000. New brick store building, 50x80, \$5,000. New frame 10 room modern residence, \$5,000. Will take good city rental or prairie grass land for half or more. Reasons: Health, other business and desire for change. This is a good business and place to live or I would not have stayed here 27 years. L. F. KEMPTON, Kincaid, Anderson Co., Kan.

TEXAS

BRAZOS bottom farm, 320 acres, 110 cult.; 2 houses, very fine soil. \$45 per acre, 1/4 cash, balance easy. Winston McMahon, 817 Beatty Bldg., Houston, Tex.

CORN, cotton, potatoes and rice are making our farmers good money. Prices from \$25 an acre up. A few special bargains. Fidelity Immigration Co., Eagle Lake, Tex.

BARGAINS IN GULF COAST LANDS. FACTS about the Mid-Gulf-Coast Country of Texas. Production, climate, rainfall, soil, markets, water. Large or small tracts. Write at once for free booklet and price lists. Reference given. John Richey & Co., Bins Bldg., Houston, Tex.

FINANCIAL

6 per cent loans on resident and farm property to buy, build, improve, purchase, remove incumbrances, extend notes, mortgages and other securities, special privileges, terms reasonable. Correspondence invited. Commonwealth Securities Loan Company, Commonwealth Building, Denver, Colo.; 1521 Commerce St., Dallas, Texas.

INVESTMENTS

Fine investments in land raising pecans and Bermuda onions, \$125 per acre. Finest land in Texas. In two years worth \$500 per acre. Grows abundant crops. Sold on easy payments \$10 down, \$5 per month. Write me for particulars. C. B. CLINGMAN, 2621 Harrisburg Rd., Houston, Texas.

WISCONSIN

CAN furnish retired-business men, clerks, bookkeepers, and others fine farms, 5 acres and up to 1,000, near railway stations and good markets, cheaply and on easy payments. Write for particulars to Stephenson Land and Lumber Co., Oconto, Wis.

EXCHANGES—all kinds—free list. Foster Bros., Independence, Kan.

320 A. grain and stock farm, Osage Co., for mdse. or income. Watkins Co., Quenemo, Kan.

TRADE improved Osage Co., Kansas, 80 for residence; 160 for smaller farm. W-P Farm & Mortgage Co., Burlingame, Kan.

NEW brick bldg., in good town, \$2,800; mtg. \$1,200. What have you clear for equity? Walter Hanson, Real Estate, Sabetha, Kan.

WE BUY, sell and exchange real estate. Write today. Tell us what you want to buy, sell or trade, or trade for. J. M. Garrison, Attica, Kansas.

GENERAL exch. business in farms, ranches, city property and mdse. Fine improved and unimproved farms for sale at bargains. Write L. F. Lane, Neosho Falls, Kan.

K. C. RENTAL FOR CATTLE—\$3,500 equity in Kansas City residence—value \$8,000—to exchange for cattle. House is rented by the year at \$30 per month. Address W. S. H., 221 Clay St., Topeka, Kan.

RANCH: 1,280 acres, mile and half town, well improved, extra well watered, all fine land, 640 deeded, 640 cheap lease; price deeded land \$20 per a. Will take good 80 acres close to Kansas City and assume or will take good well equipped garage, located east. Buxton, Utica, Kan.

FARMS, stocks, and city property for sale or trade. What have you to offer? Bigham & Ochiltree, 802 Corby-Forshee Bldg., St. Joseph, Mo.

FOR SALE AND EXCHANGE. Washington Co. improved farms at \$50 to \$180 a. Write F. E. Beeson, Washington, Ia.

NEW FALL LIST. Our new fall list of exchanges now ready. Yours for the asking. Owner's Sale & Exchange, Independence, Ks.

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

For Sale or Exchange

Three 5 room cottages in good repair near Carnegie Library, So. St. Joseph, Mo. Annual rental \$450. Always rented and for cash in advance. Will exchange for stock of hardware, furniture or both. See, call on or write us for N. W. Mo. famous bluegrass farms. Splendid crops of all kinds. Terms and prices reasonable. W. L. BOWMAN REALTY CO., King City, Mo.

\$14,000 Merchandise To Trade For Land

Dry goods, shoes, and gents' furnishings about \$11,500. Fixtures \$2,500. All clean running stock in good county seat town 2,500 in S. W. Kansas; best location in town. Low rent. Must be clear land any place in Kansas. Not a bankrupt stock. Am owner and will trade if suited. Box 98, Liberal, Kan.

To Trade

\$5,000 equity in a nicely improved 160 acres smooth farm; 40 acres meadow; 40 acres pasture, bal. in cult. 4 1/2 mi. Thayer, Kan. To trade for clear land in Kansas. M. W. Peterson, Hanston, Kan.

ARKANSAS

ARKANSAS farms all sizes. Terms. Prices right. J. C. Mitchell, Fayetteville, Ark.

210 ACRES, bottom farm, 4 miles from town. Good land. Address A. E. Clark & Son, Pomona, Kansas, for particulars.

240 A. 5 ml. Waldron, all timber and pasture land, joins perfect title, bargain for \$3 per acre. W. F. Colnon, Heavener, Okla.

BETTER investigate Benton county, Arkansas. Choice improved farms, all kinds, all sizes. Pure water. Some exchanges. Write today. Star Land Co., Gentry, Ark.

NO CROP FAILURE known in 13 years. For list of general purpose farms in foot hills of Ozark mountains write J. L. McKamey, Imboden, Lawrence Co., Ark.

17,000 ACRES, no rocks, hills or swamps. Any size farms Grant Co. \$1.50 per a. down, bal. 20 yrs. at 6%. Employment. TETTER & Co., Op. Union Depot, Little Rock, Ark.

COME to northwest Arkansas, to Benton Co., Bentonville Co. seat, for good smooth land free from stone. Average \$65 per a. Exchanges. Robt. L. Lee, Bentonville, Ark.

ARK. fruit and alfalfa land, small or large tracts cheap. Small pay. down, long time to parties wanting homes. Write today for full par. Western Land Company, Wichita, Kan.

FINE CROPS in Benton county. Healthy climate; prairie and timber land at low prices and easy terms. For information write Gentry Realty Co., Gentry, Arkansas.

IF INTERESTED IN N. E. ARKANSAS farm and timber lands, write for list. F. M. MESSER, Walnut Ridge, Ark.

ARKANSAS STOCK FARM AT A BARGAIN 200 a. 8 ml. E. Co. seat; 75 a. cult.; 50 a. more good Dutch creek valley land to put in; two houses, barns, etc. Nice orchard; fine timber; lasting water; an ideal stock or dairy farm. Owner for quick sale will take \$2,000 and make terms. Address BATES LAND CO., Waldron, Ark.

ARKANSAS

has another bumper crop. Our 48 inches of rainfall is a guarantee against crop failure. We have 15,000 acres of fine cotton agricultural lands for sale. Your choice of a farm for \$15 per a., terms \$1.50 per a. cash, bal. any time in 20 years, 6% interest. This land is selling fast.

FRANK KENDALL LUMBER CO.
Pine Bluff, Arkansas.

MISSOURI

200 A. valley farm, Impr. \$20 acre. Maps, views free. Arthur, Mountain View, Mo.

OZARK FARMS. Write Southwestern Land and Immigration Co., Springfield, Mo.

IN THE OZARKS; 120 a. Imp., \$10 a. W. A. Morris, R. 2, Box 39, Mountain View, Mo.

NORTHWEST Missouri farms for sale. Where corn, wheat, clover, bluegrass and alfalfa grow. From 40 to 1,120 acres. Write for particulars. J. W. Everman, Gallatin, Mo.

VALLEY FARMS, \$25 to \$50; unimproved lands, \$6 to \$20; orchard and berry farms, \$40 up; water and climate unexcelled. Literature and free list. ANDERSON REAL ESTATE CO., Anderson, Mo.

IF YOU are looking for a home come to the Ozarks where land is yet cheap and climate great. List of farm, ranch and timber bargains. Write Roy Bedell & Co., 309 1/2 College St., Springfield, Mo.

ONE of Howell Co., Mo., good farms. 279 a.; 170 cult., 9 room house, good cellar. Large barn, other buildings. Orchard, fine water. 3 ml. railroad town, 6 ml. county seat, West Plains, on R. F. D. and phone line. 1/2 ml. school. \$40 a. No trade. A. F. COTRELL LAND CO., Pomona, Howell Co., Mo.

A SNAP FOR THE CASH. 200 acres, 160 fenced, 120 cultivation. 2 1/2 miles to postoffice, 1 ml. to school, 10 to county seat. Good house and barn; everlasting spring, fruit; price \$4,600. Will give terms. KIRWAN & LAIRD, West Plains, Mo.

Stock Farm For Sale

At a Bargain on Account of Drought.

440 acre farm, Benton Co., Missouri, 300 acres bottom land, cultivated, balance good upland with timber on it, three sets of improvements, abundance of water, good neighborhood. Price \$30 per acre. Good terms. No exchange. T. C. OWEN, Warsaw, Missouri.

POLK COUNTY FARMS For Sale or Exchange Ideal climate, pure water, fine pastures, short feeding season, productive soil, prices and terms to suit. HARRY T. WEST REALTY CO., Bellvue, Mo.

WYOMING

Wyoming Carey Act Land in the Valley of Eden

21,000 acres of land at 50 cents per acre, perpetual water rights, on easy terms, easier than paying rent. No droughts, no floods, no cyclones, no part in the U.S. more healthy, no better stock country on earth. Homes that pay for themselves. Splendid markets and big crops of alfalfa, grain and vegetables now growing in the valley. Summer tourist fares (first class) daily, and homeseekers' fares (second class) first and third Tuesdays of each month. Do not let this opportunity pass but write at once for full information to E. H. MORGAN, Sales Manager, Eden Irrigation and Land Co., Rock Springs, Wyoming.

MARKET PROBABILITIES

(Written Specially for the Farmers Mail and Breeze.)

Receipts of cattle on Monday, though the second largest this year, were less than a week ago, and a full line of buyers were in the competition. Prices were steady to 10 cents lower, and the big run moved freely.

Large receipts compelled by dry weather conditions; large demand sustained by the general shortage of cattle were the two sides of the cattle market last week. In adjusting these two factors to the week's trade the market showed remarkable steadiness, and declines that occurred early in the week were regained later. The idea of a general shortage in cattle, and yet for record receipts to show at markets may seem to be a misstatement of fact, but weather conditions have brought about such a turn that liberal marketing was compelled from dry sections, and other places long on feed and water were short on cattle. The two working together relieved the market of the usual demoralization that follows record receipts, and where prices were depressed to encourage demand they were elevated as soon as that demand materialized.

Season the big movement with distress of drouth on the one side, and brace demand with the general idea that supplies of cattle in the United States are short of actual requirements, for beef, breeding and stock purposes and you have the reason for both a big movement and a big demand. At no previous time in the history of the cattle market have feeders seen future profits looming up, as large as for the coming season, and at no time have breeders had as much encouragement towards increased production as at the present time. Cattle values are such that every loss will be guarded against, scrub stock will be eliminated, and the small farmer will gradually turn to raising his own feeding and breeding stock.

Record Receipts of Cattle.

Such were the general conditions that figured in one of the most exciting weeks in the history of Western markets. Kansas City was the center of that excitement, made so by being the market outlet for the drouth area, and the destination of buyers from other sections of the country. Monday 37,549 cattle were received, a record by 4,209; Tuesday there were 20,000 more and the week's total was 76,037 cattle and 6,246 calves. The five Western markets received 83,000 on Monday and 190,000 for the week, the largest supply this year and exceeded only a few times in any previous year. Killers supported the market as well as country buyers. Their incentive to buy is the probability that when the movement slackens prices will bound up rapidly.

Full fed steers are showing an upward price tendency already and by middle fall will be well above \$9. Last week the top price in Chicago was \$9.10, and \$9, and \$9.05 were reported from other markets. The per cent bringing better than \$8.50 is small, and the high prices

for corn are already showing in curtailed finishing activities. The grass fat cattle are bringing \$6 to \$7.65, and some common kinds from below the quarantine line as low as \$4.50. The wide spread in prices naturally results in considerable unevenness in ideas as to the status of the market.

Butcher Cattle in Great Variety.

Butcher cattle supplies offer the greatest variety of any division of the market. Canners selling as low as \$3.50, and prime heifers as high as \$8.75, a \$5.25 spread in extremes. At that range prices now are about the same as a week ago, and from the point of usefulness such a spread seems justified. Most of the Western cows are bringing \$5.25 to \$6.25. Countrymen are diverting a large supply of she stuff back to farms that killers had counted on. Veal calves continue to hold up well in price. Some sold as high as \$12.25 in Chicago last week, though the top price at river markets was \$9.50. Bull trade is active, with no important price change.

Enormous Stocker Requirements.

Last week 42,000 thin cattle were sent back to country points. No market ever equaled such an output before, and may not again, though buying will continue as long as receipts are liberal. Practically every state made purchases. Iowa led by taking 16,000 and Illinois took 12,500. More stockers went out than feeders, but the entire supply was cared for with apparent ease. Breeding cattle are eagerly sought by sections north and northwest, and buying heifers in carload lots for farm use forecasts the building up of small herds in the Central West. Prices range from \$4.50 to \$8.

Hog Prices Slump Again.

Packers and shippers picked over last week's supply of hogs, and paid nearly steady prices for the choice kinds, but for the others there was an irregular demand at sagging prices. Some rough heavy hogs sold under \$8 and light, trashy kinds below \$7. The price spread was the widest of the season, and due to the sorting tactics of the trade. Without doubt the irregular prices netted packers good returns for their troubles, and it was the assertion of sellers that they could not tell within 50 cents a hundred pounds what common hogs would bring. In Chicago choice hogs sold as high as \$9.35, and tops at river markets were up to \$9.95, with an \$8 to \$8.75 bulk. Drouth pressure was the despoiling factor. There were some sick pigs, a great many "piggy" sows, and lots of hogs with good frame, that carried no fat. Such kinds were discriminated against. Had the markets been opened to a practical movement of stock hogs, back to the country, a great buying opportunity would have been afforded.

Sheep Situation Puzzling.

For the past three weeks sheep feeders of the Central West have been expecting heavy receipts from the range country. As yet only a slight increase has been noted and there is nothing to indicate that the expected big run will materialize before the middle of September, and maybe not then. Northwest flock masters have the finishing idea in their heads. This year they have harvested more hay than ever before, and at the present stage the range is in excellent condition. Sheep are taking on flesh, and the fall run will be more mutton, and less feeding quality than previously. If prices for both thin and fat sheep do not hold up to flock masters' ideas, killers will be given no chance to break the market on account of heavy receipts. The Central West is in no position to handle as many sheep as last year, and the Northwest will receive good prices next year for their fat sheep. Fat lambs are selling at \$7.50 to \$8.25 and sheep \$4.25 to \$5.25.

Improved Demand For Horses.

Demand for horses is increasing in keeping with the approach of the fall season. Receipts show a corresponding increase and the volume of business is larger now than at any time in the past two months. Both the East and South are buying, though that demand has not reached full fall volume. Other inquiry is coming from central sections and is for no particular class. Prices now are higher than in July and back to about where they were before the dull summer season began.

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	82,596	39,275	32,350
Chicago	52,500	150,000	128,700
Omaha	21,700	32,100	80,900
St. Louis	30,400	42,000	12,100
St. Joseph	11,400	30,800	7,600
Total	197,596	294,175	261,650
Preceding week	161,650	222,800	116,000
Year ago	145,825	196,500	291,300

The following table shows receipts of cattle, hogs and sheep in St. Louis thus far this year, compared with the same period in 1912:

	1913	1912	Inc.	Dec.
Cattle	646,628	575,231	71,397	.....
Hogs	1,690,145	1,679,634	10,511	.....
Sheep	665,130	690,206	.....	25,076
H. & M.	99,260	106,740	.....	16,480
Cars	49,656	47,984	1,671	.....

The following table shows the receipts of cattle, hogs and sheep in Kansas City thus far this year and the same period in 1912:

	1913	1912	Inc.	Dec.
Cattle	1,186,306	987,704	198,602	.....
Calves	77,130	87,709	.....	10,579
Hogs	1,686,486	1,713,468	.....	26,982
Sheep	1,221,933	1,298,124	.....	76,191
H. & M.	52,027	51,013	.....	1,014
Cars	76,437	70,694	5,743	.....

The following table shows receipts of livestock in St. Joseph thus far this year compared with the same period in 1912:

	1913	1912	Inc.	Dec.
Cattle	279,636	285,605	.....	5,969
Hogs	1,177,500	1,411,821	.....	234,321
Sheep	499,592	446,597	52,995	.....
H. & M.	19,924	38,857	.....	18,933
Cars	30,317	31,908	.....	1,591

The following table shows receipt of cattle, hogs and sheep at each of the western markets Monday, September 1, with totals for a week ago, and a year ago.

	Cattle	Hogs	Sheep
Kansas City	32,000	6,000	11,000
Chicago	18,000	55,000	30,000
Omaha	7,500	4,000	30,000
St. Louis	7,800	8,500	6,800
St. Joseph	1,400	5,300	1,800
Totals	66,500	78,800	78,600
Week ago	83,000	76,200	76,200
Year ago	49,200	45,100	45,100

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.	1913 1912	1913 1912	1913 1912
Chicago	\$9.25 \$10.50	\$8.95 \$8.95	\$6.15 \$5.55
Kan. City	9.10 10.60	8.70 8.80	5.75 5.35

August Livestock Receipts.

August receipts of livestock show a material increase in hogs at all markets, and nearly normal supplies of cattle except in Chicago where there was a 12 per cent decrease. In Kansas City cattle receipts were the largest ever received in the eighth month of the year. Sheep showed a decrease. In the eight months this year combined receipts at the five western markets show an increase of about 25,000 cattle, and a decrease of 800,000 hogs, and 439,000 sheep.

CATTLE.—August—

	1913	1912
Kansas City	237,000	213,225
Chicago	202,500	235,600
Omaha	80,300	82,500
St. Louis	118,000	130,200
St. Joseph	45,600	41,550
Totals	733,400	708,075

HOGS.

	1913	1912
Kansas City	130,000	102,500
Chicago	459,000	430,800
Omaha	185,500	168,500
St. Louis	170,200	145,200
St. Joseph	140,000	127,400
Totals	1,225,700	974,400

SHEEP.

	1913	1912
Kansas City	112,000	136,100
Chicago	462,000	531,800
Omaha	360,000	289,100
St. Louis	80,000	101,500
St. Joseph	52,300	60,500
Totals	1,016,300	1,119,000

CATTLE.—Eight months—

	1913	1912
Kansas City	1,274,500	1,076,850
Chicago	1,856,000	2,076,100
Omaha	550,200	554,500
St. Louis	653,400	589,200
St. Joseph	280,000	188,500
Totals	4,614,100	4,585,150

SHEEP.

	1913	1912
Kansas City	1,689,500	1,715,200
Chicago	4,810,000	5,020,400
Omaha	1,838,500	2,234,400
St. Louis	1,702,000	1,699,900
St. Joseph	1,182,500	1,425,400
Totals	11,263,500	12,095,300

HOGS.

	1913	1912
Kansas City	1,224,000	1,361,900
Chicago	3,120,000	3,400,800
Omaha	1,385,500	1,397,700
St. Louis	670,100	686,800
St. Joseph	500,000	451,500
Totals	6,799,600	7,238,700

Lower Grain Prices.

In the two preceding weeks corn prices were advanced rapidly in keeping with adverse weather conditions. That rise carried values to such high levels that the entire shrinkage in the crop was provided for and many began to believe that prices were too high. Consequently the market last week hesitated and then turned down, but the break brought out increased demand and the market became nervous. Cash prices for corn remain above 75 cents, but the new crop supply which will soon be available will tend to decrease demand at markets and increase buying at country points for shipment direct to sections that have no corn. Iowa, Nebraska, Illinois and Indiana will produce the bulk of corn this year.

Spring wheat is moving freely, and the winter wheat movement is subsiding. Prices in Minneapolis fell 3 cents a bushel and at points where winter wheat supplies the trade less than 1 cent came off. This caused a big increase in northern flour demand and a falling off in trade in the lower valley. Soft wheat is selling at a moderate premium over hard

(Continued on Page 24.)

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UTAH

BUY LAND in the Utah basin. Cheapest and best in the U. S. Will advance 500%. Fred G. Hawes, Myton, Utah.

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CALIFORNIA LAND expert reports furnished. We make unbiased and accurate reports on California land of any acreage, for the large or small buyer, with soil analysis, etc. A general report on and description of the Sacramento and San Joaquin valleys devoted particularly to the early orange districts and alfalfa growing sections sent on receipt of one dollar. Do not ask us if we have land for sale. We are not connected with real estate selling, and will not give your name to real estate dealers. Gosling & Harris, Expert Land Reports, 1044 Phelan Bldg., San Francisco, Calif.

COLORADO

LOOK here. 560, Improved, Timothy, water, springs. Extra good for stock ranch. Only \$12 per a. \$2,000 will handle. Liberal terms on bal. W. H. Allison, Rye, Pueblo Co., Colo.

WILL SELL you eastern Colo. alfalfa farms. Irrigated \$65 to \$150; non-irrigated \$5 to \$35. Trades considered. Demaray & Paschall, Holly, Colo.

NEW MEXICO

CHEAPEST, best irrigated lands in the world \$25.00 to \$40.00 per acre. For information address Dan Vinson, Portales, N. M.

IF DISSATISFIED with burnt-out conditions, trade your farm for one in irrigated Pecos Valley and raise alfalfa every year. Brown, Dexter, New Mexico.

Kansas in the Iowa Fair

The Grand Champion Cow From a Silver Lake Ranch

IOWA'S State Fair, held this year during the week of August 20 to 28, was in practically every respect the most successful of any of the 59 annual expositions which the Hawkeye state has produced. Despite the fact that the railroads refused to grant reduced rates, farm folk from all over Iowa flocked to Des Moines by the thousand. Upon one day there were more than 63,000 paid admissions, and large as are the fair grounds every corner was crowded with people.

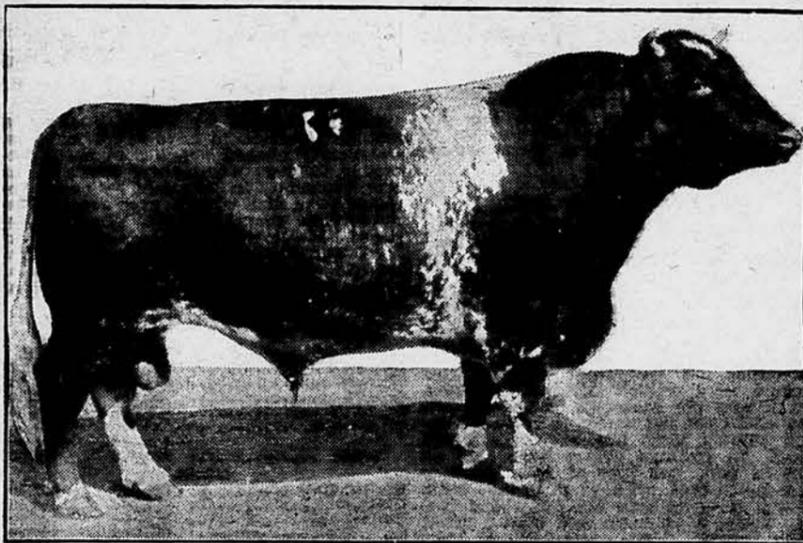
An unusually good program had been prepared. The races—nearly everyone yearned to see the ponies go 'round—were between some of the world's best steppers, several new records were made and the enthusiastic crowds delighted. Aeroplane flights, diving horses, operatic singers, acrobats and fireworks completed the attraction which crowded the large grandstands from early morning until late at night.

Sixty acres were necessary to accommodate the exhibits of farm machinery. Popping engines, whirling spreaders, lighting plants, silos, patent gates, and every other implement, tool, contrivance or contraption designed to lighten farm labor, was on display resplendent

grand champion cow. S. M. Croft & Sons, Bluff City, Kan., also came in for their share of the money.

The dairy breeds made wonderful increases. Several of the classes were so large that there was scarcely room in their allotted corner of the show ring for all the entries to be assembled. The Holstein Friesian class was especially large, as was the Guernsey, which surpassed the Jerseys in numbers. That dairying is a growing industry in Iowa was plainly evidenced.

The fact that there were fewer hogs shown this year than last because of a new ruling that all be vaccinated, did not for an instant detract from the interest displayed and the intensity with which breeders contended for honors in the swine show. The unusually large cash prizes and valuable trophy cups offered in the futurities of each of the leading breeds kept exhibitors and visitors to the swine pavilion keyed up to a much higher pitch than is usual at a hog show. Owing to the cool weather there were practically no losses from over heating. Forty Duroc men brought out their herds, while the Polands were represented by 33 exhibitors. The Chester Whites were next best in point of num-



Sultan Mine, the champion aged bull at the Iowa State Fair was exhibited by Carpenter & Carpenter, Baraboo, Wisconsin.

in its coat of bright red paint. The progressive man who wishes to "keep up" could have spent days inspecting these new models. Naturally the majority of these exhibits were like those to be seen at any fair, but with such an unusually large number of exhibitors a variety was presented which many said had never before been seen at either a state fair or even a national exposition.

The livestock show, of course, is really the backbone of any fair. The exhibition of horses and cattle at Iowa this year was up to the usual standard produced by this great livestock state, even surpassing last year in the number of entries. The exhibits in the Percheron class attracted much attention. Some 60 or more young native-bred colts and fillies were entered for the futurity cups and the competition was keen. Both cups were won by animals from other states as was the Percheron stallion ribbon, which was carried off by W. S. Fox of Genoa, Neb., on his stallion Jeun.

In the Shire, Clyde and Belgian classes, each breed made an especially fine showing, the number of entries being about the same as last year, and the condition and excellence of the exhibits all that could be desired.

Of the four great beef breeds of cattle there was an increase in numbers of all save the Shorthorns. All the animals were well fitted which occasioned more or less surprise after a rather trying summer. The Hereford class was largest, with the Shorthorns coming a close second. R. H. Hazlett, of Eldorado, Kan., had ten especially fine Herefords entered, making a showing which was a credit to his state. There were 125 head of Angus cattle shown, all beauties. Only four Galloway breeders were on hand. Two of these were from Kansas, the Capital View Ranch, of Silver Lake, Kan., winning several firsts and the purple ribbon for the

bers, the Hampshires fourth, while the Berkshires were represented by only five breeders. Four Yorkshire breeders and one Tamworth man completed the show with their entries.

The champion awards follow:

Horses.

Percherons.

Champion stallion—W. S. Cox, Genoa, Neb., on Jeun. Reserve—H. G. McMillan & Sons, Rock Rapids, Ia., on Matador.
Champion mare—John A. Bushnell, Bradford, Ill., on Concorous. Reserve—Dunham's, Wayne, Ill., on Iida.
Clydesdales.

Champion stallion—James Pedley, Britt, Ia., on King's Favorite. Reserve—H. Harris Ford, Storm Lake, Ia., on Prince Cedric.
Champion mare—Ford, on Princess Mae. Reserve—Etheivold Farms, Mondovi, Wis., on Amaryllis.

Shires.

Champion stallion—Truman's Pioneer Stud Farm, Bushnell, Ill., on Coleshill Diamond King. Reserve—Wm. Crowover, Hudson, Ia., on Boro Ragged.
Champion mare—Truman's, on Tatton Aurora. Reserve—F. J. Woltman, Cedar Falls, Ia., on Mouton Primella.

Belgians.

Champion Stallion—H. Lefebure, Fairfax, Ia., on Jules Remi. Reserve—Wm. Crowover, Hudson, Ia., on Porthos de Sarlardinge.
Champion mare—Lefebure, on Anna du Balcan. Reserve—R. F. French, Independence, Ia., on Flora.

Jacks.

1, 2, and 3 in all divisions won by Darling & Otto, Queen City, Mo.

Cattle.

Shorthorns.

Junior and grand champion bull—C. G. Saunders, Manila, Ia., on Cumberland's Type.
Senior champion bull—Carpenter & Carpenter, Baraboo, Wis., on Sultan Mine.
Junior and grand champion cow or heifer—Anoka Farms, Waukesha, Wis., on Village Flower 2d.
Senior champion cow—Anoka Farms, on Maxwellton Lassie.

Herefords.

Junior and grand champion bull—O. Harris, Harris, Mo., on Repeater 7th.
Senior champion bull—J. P. Cudahy, Belton, Mo., on Fairfax 15th.
Senior and grand champion cow—Cudahy, on Perfection Lass.

Junior champion cow or heifer—Harris on Miss Repeater 11th.
Aberdeen Angus.

Senior and grand champion bull—W. A. McHenry, Denison, Iowa, on Erwin C.
Junior champion bull—Charles Escher, Jr., Botna, Iowa, on Prince Felser.
Senior and grand champion cow—McHenry, on Blackcap McHenry 88th.
Junior champion cow or heifer—W. J. Miller, Newton, Ia., on Barbara Woodson. Galloway.

Junior and grand champion bull—C. S. Hechtner, Charlton, Iowa, on Iva's Favorite.
Senior champion bull—Hechtner, on Fear Not of Maple.

Senior and grand champion cow—Capital View Ranch, Silver Lake, Kan., on Daisy Dimple.
Junior champion cow or heifer—Hechtner on Lassie 2d of Maples.

Swine.

Poland Chinas.

Senior and grand champion boar—J. E. McHenry, Tolona, Ill., on Sultan.
Senior and grand champion sow—McHenry, on Louise Model 2d.

Duroc-Jerseys.

Junior and grand champion boar—O. R. Stevens, Rippey, Ia., on Big Wonder.
Senior and grand champion sow—Waltmeyer Brothers, Melbourne, Ia., on Wild Eyes.

Berkshires.

Senior and grand champion boar—Iowana Farms, Iowana, Ia., on Iowana Baron.
Senior and grand champion sow—Iowana Farms, on Rival Lady 33.

Hampshires.

Senior and grand champion boar—Clayton Messenger, Keswick, Ia., on Messenger Boy.
Senior and grand champion sow—Saltone Stock Farm, Greensburg, Ind., on Pearl's Choice.

Chester Whites.

Junior and grand champion boar—A. B. Somerville, Iowa, on Frank.
Senior and grand champion sow—Thomas F. Kent, Walnut, Ia., on _____

Entertainment Feature of the Fair.

"All work and no play makes Jack a dull boy." Nobody wants to raise a dull boy and besides Jack is not the only member of the family to which the above statement applies. The management of the Topeka State Fair recognizes this fact and has gone to an enormous expense to supply entertainment features for the State Fair the week of September 8 to 13, that will not only please Jack but every member of the family. Besides the big stock and agricultural shows, daily races, band concerts, aeroplane flights and free vaudeville acts there will be "Old Mexico 1847," Patterson's Shows, fireworks and other amusements that will equal those seen at Des Moines, Lincoln and other state fairs that are aided by large state appropriations. Jack and the rest of the family should get the habit of spending the fair week at Topeka.

Market Probabilities

(Continued from Page 23.)

wheat, and the margin seems to be increasing rather than decreasing. Kansas is holding to its wheat, and receipts of all wheat at primary markets last week were nearly one-third smaller than in the preceding week. Shorts, bran, and corn chop remain at last week's high prices.

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
1913 1912	1913 1912	1913 1912	1913 1912
Chicago.....	92c 1.07 75	81 1/2 81 1/2	42 3/4 34 1/2
Kan. City....	87 1/2 1.08 75	77 1/2 77 1/2	42 3/4 34 1/2

Less Tumult in Broom Corn.

The wild demand for broomcorn which sent prices up more than \$60 a ton in a little more than two weeks has subsided. The trade has been largely in speculators' hands and whether prices are on a false basis, or the advance will be resumed later is a matter that cannot be decided by the present movement. Growers are asking higher prices and will hold tight for an advance. There is still considerable old corn in warehouses, but that is being held for an advance. Broom makers are holding back, waiting for speculative buying to run its course. Choice, green, selfworking corn is quoted at \$130 to \$150 a ton, fair to good, \$90 to \$125; common to fair, \$70 to \$85, a ton.

Hay Prices Stationary.

There was no price movement in the hay market last week except a slight advance in clover. The prairie market lost some of its action and became dull, but native hay and alfalfa were active. Receipts decreased when prices failed to show a further advance. Eastern demand slackened, but the South is still buying freely. The general outlook for the market is that prices will remain about the same through September and then advance.

Butter, Eggs and Poultry.

Elgin, Sept. 1.—Butter this week is firm at 27 1/2 cents.
Kansas City, Sept. 1.—Prices this week on produce are:
Eggs—Firsts, new white wood cases included, 22c a dozen; seconds, 12c.
Butter—Creamery, extra, 26 1/2c a pound; firsts, 25 1/2c; seconds, 24 1/2c; packing stock, 22 1/2c.
Live Poultry—Broilers, 15 1/2c a pound; spring chickens, 14 1/2c; hens, No. 1, 11 1/2c; No. 2, 8c; roosters, 9c; young turkeys and turkey hens, 17c; young ducks, 10c.

Produce Prices Now and One Year Ago.

	1913 1912	1913 1912	1913 1912
Chicago.....	28 1/2 25	23 1/2 20	15 15
Kan. City....	26 1/2 24	22 20 1/2	11 1/2 11 1/2

James Green, Blaine, Kan., sends \$2 to renew his Mail and Breeze subscription for two years. He writes, "I cannot do without it."

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

One application of my Processed Crude Oil will do more to rid your stock of lice and cure them of mange than three applications of any other preparation on the market, for the reason that it kills the nits as well as the lice, and remains on your stock for so long that it thoroughly cures them of mange. Put up only in 32 gallon barrels, and sold for \$5.00 per barrel. Why pay \$1.00 per gallon for a dip when you can get the best for less than 10c per gallon? My PURE CRUDE OIL is an excellent lubricant for all kinds of farm machinery and for painting farm tools to keep rust off. \$4.00 per barrel of fifty-two gallons. See my advertisement of refined oils at wholesale prices in next week's issue. Send C. A. Stannard, Box M, Emporia, Kan cash with order. Address C. A. Stannard, Box M, Emporia, Kan

This Remedy is GUARANTEED to Cure Bone Spavin

Bo-Spav-O is not a cure-all, but a specific remedy for bone spavin. We do not claim that it will cure ringbone, splint, cracked hoof and a thousand and one other things as many so called spavin cures are recommended for. Bo-Spav-O does the work. Tested in hundreds of cases—not a single failure. This great remedy can now be had by every farmer and horse owner at reasonable cost. The remedy is simple and easy to apply. Does not blister, nor leave scars or blemish of any kind. Removes and completely cures a bone spavin in three weeks. Absolutely Guaranteed and your money promptly refunded if it fails to do what we claim. Write today for interesting circular and complete details. Welch Bros. Co., 101 Milwaukee St., Oconomowoc, Wis.



Be Sure to See These Exhibits AT THE State Fair, Topeka, Sept. 8-13 ALL ARE KANSAS PRODUCTS

These exhibits should be of more than usual interest to Kansas people because they are all home products, tried and tested—put out by firms of recognized merit and ability.

- Perfection Metal Silo Co., METAL SILOS.
- Carrie Windmill Co., WINDMILLS AND FEED GRINDERS.
- Road Supply & Metal Co., INGOT IRON CULVERTS AND ROAD MACHINERY.
- Continental Creamery Co., HINGE DOOR SILOS AND BEATRICE CREAM SEPARATORS.
- Clipper Windmill Co., WINDMILLS.
- TOPEKA EXHIBITORS

WHAT BREEDERS ARE DOING

FRANK HOWARD,
Manager Livestock Department.

FIELDMEN.

- A. B. Hunter, S. W. Kansas and Oklahoma, 1124 So. Market St., Wichita, Kans.
- John W. Johnson, 820 Lincoln St., Topeka, Kan., N. W. Kansas and S. Nebraska.
- C. H. Walker, N. E. Kansas, N. Missouri, 3632 Flora Ave., Kansas City, Mo.
- Geo. W. Berry, N. Nebraska and W. Iowa, Capper Bldg., Topeka, Kans.
- Ed R. Dorsey, S. E. Kansas and S. Missouri, Girard, Kans.

PUREBRED STOCK SALES.

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

Poland China Hogs.

- Oct. 1—D. C. Lonergan, Florence, Neb.
- Oct. 4—Frank Rainier, Logan, Ia.
- Oct. 10—Dietrich & Spaulding, Richmond, Kan.
- Oct. 21—H. B. Walter, Effingham, Kan.
- Oct. 15—R. B. Davis, Hiawatha, Kan.
- Oct. 15—F. G. Laptad, Lawrence, Kan.
- Oct. 16—J. M. Nesbitt, Aledo, Ill.
- Oct. 17—Thos. F. Walker & Son, Alexandria, Neb., at Fairbury, Neb.
- Oct. 18—Lambert Bros., Smith Center, Kan.
- Oct. 20—Roy Johnston, South Mound, Kan.
- Oct. 22—H. C. Graner, Lancaster, Kan.
- Oct. 23—U. S. Byrne, Saxton, Mo.
- Oct. 25—J. H. Hamilton & Son, Guide Rock, Neb.
- Oct. 25—J. W. Leeper, Norton, Kan.
- Oct. 27—Herman Groninger & Sons, Bendena, Kan.
- Oct. 28—W. R. Webb, Bendena, Kan.
- Oct. 28—Joe Hemmy, Hill City, Kan.
- Oct. 29—Timm Nuehofel, Central City, Neb.
- Oct. 29—Walter Hildwein, Fairview, Kan.
- Oct. 30—Harry Wales, Peculiar, Mo.
- Oct. 30—Merton Williams, Valley Falls, Mo.
- Nov. 3—Joe Schneider, Nortonville, Kan.
- Nov. 5—R. B. Davis, Hiawatha, Kan.
- Nov. 6—W. E. Epley, Diller, Neb.
- Nov. 7—U. S. Byrne, Saxton, Mo.
- Nov. 8—John Nalman, Alexandria, Neb., at Hebron, Neb.
- Nov. 15—John Kemmerer, Jewell, Kan.
- Feb. 3—J. H. Hamilton & Son, Guide Rock, Neb.
- Feb. 10—H. B. Walter, Effingham, Kan.
- Feb. 11—H. C. Graner & Son, Lancaster, Kan.
- Feb. 12—Thos. F. Walker & Son, Alexandria, Neb., at Fairbury, Neb.
- Feb. 13—J. E. Willis, Prairie View, Kan.
- Feb. 13—W. E. Epley, Diller, Neb.
- Feb. 14—J. F. Foley, Orinquo, Kan.
- Feb. 17—L. E. Klein, Zeandale, Kan.
- Feb. 18—J. H. Harter, Westmoreland, Kan.
- Feb. 19—J. L. Griffiths, Riley, Kan.
- Feb. 24—M. T. Shields, Lebanon, Kan.
- Feb. 27—W. A. Davidson, Simpson, Kan.

Duroc-Jersey Hogs.

- Oct. 15—F. G. Laptad, Lawrence, Kan.
- Oct. 17—Moser & Fitzwater, Goff, Kan.
- Oct. 30—A. T. Cross, Guide Rock, Neb.
- Oct. 31—A. M. Rinehart & Son, Smith Center, Kan.
- Nov. 1—N. B. Price, Mankato, Kan.
- Nov. 5—W. E. Monasmith, Formoso, Kan.
- Nov. 7—Leon Carter, Asherville, Kan.
- Jan. 26—Ward Bros., Republic, Kan.
- Jan. 23—C. E. Clauff, Central City, Neb.
- Jan. 23—W. E. Monasmith, Formoso, Kan.
- Jan. 29—N. B. Price, Mankato, Kan.
- Jan. 30—Geo. P. Phillippi, Lebanon, Kan.
- Jan. 31—A. M. Rinehart & Son, Smith Center, Kan.
- Feb. 3—Howell Bros., Herkimer, Kan.
- Feb. 4—Moser & Fitzwater, Goff, Kan.
- Feb. 5—Samuelson Bros., Cleburne, Kan.
- Feb. 6—Leon Carter, Asherville, Kan.
- Feb. 7—E. G. Munsell, Herlington, Kan.
- Feb. 9—E. A. Trump, Formoso, Kan.
- Feb. 10—Agricultural College, Manhattan, Kan.
- Feb. 11—Thompson Bros., Garrison, Kan.
- Feb. 20—John Emigh, Formoso, Kan.
- Feb. 21—Dana D. Shuck, Burr Oak, Kan.
- Feb. 25—A. T. Cross, Guide Rock, Neb.

O. I. C. Hogs.

- Feb. 18—H. L. Bode, Friend, Neb.
- Feb. 19—Chas. H. Murray, Friend, Neb.

Hampshire Hogs.

- Nov. 4—H. D. DeKalb, DeKalb, Ia.

Galloway Cattle.

- Oct. 11—C. D. McPherson, Route 2, Topeka, Kan.

Shorthorn Cattle.

- Oct. 14—C. J. McMasters, Altona, Ill.

Aberdeen Angus Cattle.

- Oct. 22—W. F. Eckles, Green City, Mo.

Hereford Cattle.

- Dec. 30-31—Mousel Bros., Cambridge, Neb.
- Feb. 12-13—Nebraska Hereford Breeders' association, at Grand Island, Neb.

Jersey Cattle.

- Nov. 10—A. L. Churchill, Vinita, Okla.

Percheron Horses.

- Oct. 11—C. D. McPherson, Route 2, Topeka, Kan.

Stock Show at Topeka Fair.

For several years Topeka has had a magnificent livestock show in connection with her annual state fair. Judging from entries made and from statements by Secretary Cook and several exhibitors the livestock show this year will be bigger and better than ever before. Indications are that 600 cattle will pass before the judges at this show. The horse show was small last year on account of the horse disease raging in the state at that time, but this year the exhibition of all classes of horses, from Shetlands to Belgians, promises to be exceptionally good in both numbers and quality. More pens have been reserved in the swine and sheep sections

than for any previous year and exhibitors say their stock is better than last year, so no disappointment from this section of the show may be expected. The educational advantages to the boys and men, too, for that matter, on the farms of this great stock show can hardly be estimated. The farmer boys should see these shows. It will pay big dividends in added interest in the farm and farm animals. See the Big Fair at Topeka, the week of September 8 to 13.

The American Royal Show.

The great stock show of the Southwest, the American Royal Live Stock Show, will open this year, Monday, October 6, and run during the entire week in the pavilion of the Kansas City Stock Yards. This year, the show is under new management, T. J. Wornall of Liberty, being the secretary and general manager. Mr. Wornall is known to all of the stockmen through the country as a judge and breeder. These sales will be held during the week: Angus, October 7; Shorthorn, October 8; Hereford, October 9; Galloway, October 10, and Jersey, October 11. While the big week will appeal first to the stockmen it is planned to provide other interesting features for the entertainment of the city man. Nor will the wives and children of the stockmen be overlooked in this respect. At night there will be horse shows and concerts by the bands from the Kansas State Agricultural College and Missouri University. Stock judging contests will be open to all students of agricultural colleges as well as to young stockmen and farmers. Judging from the number of entries that have been received at the office of the American Royal in the Exchange building this year's show will be larger than any heretofore.

LIVESTOCK AUCTIONEERS.

COL. T. E. GORDON, WATERVILLE, KANSAS. Livestock Auctioneer. Write for open dates.

Jas. T. McCulloch, Clay Center, Kan. Reference: The breeders I am selling for every year. Write for open dates.

L. J. Calloway, Lebanon, Kansas. Livestock Auctioneer. Write or phone for dates.

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

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

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

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

John D. Snyder HUTCHINSON, KANSAS. LIVE STOCK AUCTIONEER. Wide acquaintance and practical knowledge of draft horses and pure bred live stock, all breeds.

CHAS. M. SCOTT Livestock Auctioneer. Thoroughly posted on pedigree and values. Formerly of Scott & Singer, Poland China breeders. Hiawatha, Kan.

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

G. A. Drybread The Auctioneer Elk City, Kan. Live Stock and Farm Sales made anywhere. Prices reasonable. Give me a trial. Satisfaction guaranteed.

FRANK J. ZAUN FINE STOCK AUCTIONEER Independence, Mo., Bell Phone 675 Ind. My References: America's best breeders for whom I have been selling for years. Get Zaun He Knows How

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

Be an Auctioneer

Travel over the country and make big money. No other profession can be learned so quickly, that will pay as big wages. Write today for big, free catalogue of Home Study Course, as well as the Actual Practice School, which opens Oct. 6, 1913. MISSOURI AUCTION SCHOOL, Largest in the World. W. B. Carpenter, Pres. 1400-04 Grand Ave., Kansas City, Mo.

LIVESTOCK AUCTIONEERS.

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

HEREFORDS.

KLAUS BROS.' HEREFORDS Two choice yearling bulls, herd headers for sale, sired by Fulfiller 3rd, Fulfiller 25th and Beau Onward. Our calf crop is the best we ever had. **KLAUS BROTHERS, BENDENA, KANSAS.**

SHROPSHIRE SHEEP.

ELK GROVE Shropshires! Imported Delta, sire of show flock winning 100 prizes, 1912, assisted by Wordwell's Kedge, by Tysul Champion at head of flock. For sale—50 rams, including 30 yearlings and Wordwell's Kedge, and 20 lambs. Send for catalog. **FRANK RAINIER** **LOGAN, IOWA**

Hampshire Sheep

Shipping point, Waldo, Kansas. Address, **E. S. Tallafarro, Russell, Kansas**

18 Ram lambs for sale. Also young ewes, from yearlings up. Everything registered.



Oldenburg German Coach Horses

We are the oldest and largest breeders of the Oldenburg German Coach west of the Mississippi River. Our 1912 winnings at the leading western shows exceeded those of any other individual horse exhibitor. We have stallions and mares of serviceable ages for sale. Write us. **JOS. WEAR & SON, Barnard, Kan.**

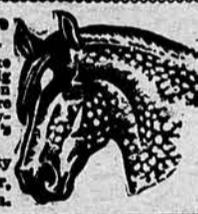
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German Coach Stallions at prices you will be able to pay for at one season's stand. Also mares and fillies; all good bone with plenty size, style and action and the best general purpose horse that has ever been imported. The St. Louis Fair Champion Milon 3159 and the Kansas State Fair prize winner Mephistoles 4221 at head of herd. We are pricing these horses to sell and guarantee satisfaction. Write today or call soon. **J. C. BERGNER & SONS, Waldoock Ranch, PRATT, KANSAS.**



PUREBRED HORSES.

I'm A Farmer he same as you and love to take good care of big horses. My big bunch of registered Percheron studs, weanlings to 4 yrs. old, are the class you will like; money makers for you at my breeder's prices. Trains direct from Kansas City and St. Joe. **Fred Chandler, Route 7, Chariton, Iowa.**



SHORTHORNS.

Scotch and Scotch Topped Cattle Bulls, cows in calf, by RICHELIEU 387749. Bulls, cows in calf, by Brawith Heir 351808. We will sell Lavender Bud, a good classy junior yearling that combines the blood of Choice Goods, Gallant Knight and Collynie on a Cruickshank Lavender foundation. Write for prices. **CLARENCE WHITE, Burlington, Kan.** (300 bushels of alfalfa seed for sale.)

Truman's Pioneer Stud Farm America's Largest Importers

Shire, Percheron and Belgian Horses Write for Illustrated Catalogue. **TRUMAN'S, Box E, BUSHNELL, ILLINOIS**

RED POLLED CATTLE.

FOSTER'S RED POLLED CATTLE Write for prices on breeding cattle. **C. E. FOSTER, R. R. 4, Eldorado, Kansas.**

Red Polled Cattle Cows and heifers for sale. No bulls over six months. Poland China big type registered fall boars. Write **CHAS. MORRISON & SON, Phillipsburg, Kas.**

Red Poll Females of all ages, choice individuals, show animals, priced to sell. A few choice bulls, also Duroc-Jersey swine, sows and gilts, bred for early fall farrow. Boars any age by our choice herd boars. Ask for testimonials. **GEO. W. SCHWAB, CLAY CENTER, NEB.**

10 High Class Scotch and Scotch Topped Shorthorn Cows of dairy quality, for sale, also two extra fine 10-months-old bulls. One by Baron Cumberland, the other, a show prospect, by Silk Goods. **DR. W. C. HARKEY, Lenexa, Kan.**

Pearl Herd of Shorthorns Young bulls up to 18 months of age, either Scotch or Scotch-Topped breeding. Well grown and in good growing condition. Can ship via C. R. I. & P., A. T. & S. F., U. P. and Mo. Pac. Address **C. W. TAYLOR** **ABILENE KANSAS**

Lookabaugh's Shorthorns

Sold on Time at Private Treaty

Six or nine months if desired. What we want is your trial order. **Young Heifers and Bulls at \$50, \$75, \$100 and up. Two Heifers and a Bull, not related, \$200 for the three—Others higher.**



Over 200 Head From Which to Select

A great variety of prize winners and prize winning blood. If you want **Breeding stock don't miss this opportunity.** As many good Shorthorns cannot be seen on any other farm in the whole Southwest. **COWS WITH CALF AT FOOT AND RE-BRED. RICHLY BRED YOUNG THINGS, SHOW PROSPECTS. HANDSOME YOUNG BULLS, HERD HEADER MATERIAL. RUGGED YOUNG BULLS, THE FARMER AND STOCKMAN KIND.** In fact a splendid array of foundation Shorthorns, that carry the blood of the best families and the most noted sires of the breed. Don't wait, but come and get your first pick. Visitors always welcome at **Pleasant Valley Stock Farm.** Write your wants today. Address. **H. C. LOOKABAUGH, Watonga, Blaine Co., Okla.**

DAIRY CATTLE

18 Holsteins 10 Guernseys

All good cows and will freshen soon. JACK HANDEL, 215 Adams Street, TOPEKA, KANSAS

FOR SALE 25 head 2-year-old Jersey heifers in calf; some springing now. Also a few choice Jersey cows. E. F. HODGINS, TOPEKA, KANSAS.

Holstein Bred Cows and Heifers

"EIGHTY HEAD" Choice individuals personally selected, Wisconsin bred tuberculin tested, pure bred, unrecorded and high grade females, registered bulls. Grade bull and heifer calves. ARNOLD & BRADY, Manhattan, Kan.

HOLSTEINS - CHOICE BULL CALVES

H. B. COWLES, TOPEKA, KANSAS.

OAK HILL HOLSTEINS

Bulls ready for spring service by Shadybrook Gerban Sir Koradyke out of A. E. O. dams. Heifers bred. Also a few fresh cows. All tuberculin tested. BEN SCHNEIDER, NORFOLKVILLE, KAN.

BANKS' FARM JERSEYS

Quality with milk and better records. One of the best sons of CHAMPION FLYING FOX, imported, at head of herd. Stock for sale. W. N. BANKS, Independence, Kan.

Holstein Bull Calf For Sale

Sired by Oakland Paul Burke 5288. Out of Calamity Macaroni Pauline 22015, by Sir Fairmount Calamity Paul 21202. Price \$40. First check buys the bull. FRANK ASHBY, GIRARD, KANSAS.

GALLOWAYS

G. E. CLARK, W. W. DUNHAM, CAPITAL VIEW GALLOWAYS, 15 Miles West of Topeka. Can furnish car of good bulls ranging in ages from calves to 2-yr-olds. Can suit your wants. Write CAPITAL VIEW RANCH, Silver Lake, Kan.

GALLOWAY CATTLE

and OXFORD DOWN SHEEP Imported and home-bred, absolutely equal to the best. C. S. HECHTNER, Box 64, Chariton, Iowa

POLLED DURHAMS

Polled Durham Bulls Six well bred young bulls and a limited number of cows and heifers for sale. C. M. HOWARD, HAMMOND, KANSAS.

Polled Durhams

Headed by the undefeated Roan Hero, shown since a calf at International, American Royal and State Fairs, assisted by the superb show bull Acaela Prince. For sale at most all times young bulls to head herds and foundation stock. Look for my exhibit at the State Fairs. D. C. VAN NICE, BIGHAND, KANSAS.

ABERDEEN-ANGUS

DENTON'S Angus Bulls all sold but a fine lot coming on for fall trade. Write your wants. W. G. DENTON, DENTON, KANSAS

SUTTON FARMS ANGUS CATTLE

Our strong, healthy, unpampered bulls each year sire winners in car lot feeder class at American Royal Shows. You should have the best as the bull is one-half the herd. Buy a bull calf now while you can get the cream. We are also offering heifers. SUTTON FARMS, LAWRENCE, KANSAS

HOLSTEINS

HOLSTEINS Large type, State inspected and tuberculin tested. Fine registered bulls, cows and heifers; also 100 grade cows and heifers. M. F. Knudson, Concordia, Kan

HOLSTEIN CATTLE

High grade Dairy cows and heifers sold in lots to suit purchaser. Special prices on car lots. The best of milking strains and at prices you can afford. Write today. W. G. MERRITT & SON, Great Bend, Kan.

Bonnie Brae Holsteins

For sale, about 80 head of high grade young cows, 2-year-olds and bred yearlings. These cattle are strictly first class, with many heavy springers. Come and see them. IRA ROMIG, Sta. B, TOPEKA, KANSAS.

HOLSTEIN Cattle

During the next 60 days I will sell: 125 High-grade, well-marked Holstein heifers, age one year to 1 1/2, just being bred to a high class registered bull. 250 High-grade, well-marked Holstein heifers, ranging from 2 to 3 years old, all bred to extra good registered bulls, to freshen from Aug. 1 to Dec. 1, 1913. 100 Matured cows, springing bag ready to freshen. Most of them in calf from registered bull. 40 Select, well-marked registered bulls, extra nice individuals, ages from 6 months up. A few good registered cows in calf by an A. E. O. bull. Write me for particulars. JAMES DORSET, Dept. N. 9, Gilberts, Kane Co., Illinois

S. W. Kansas and Oklahoma

BY A. B. HUNTER.

L. R. Wiley of Emporia, Kan., reports that he has just returned from Europe with an importation of strictly high class horses. He says the horses are all in splendid condition and he will be out with a show herd at Topeka and Hutchinson.

Williams' Duroc Sale.

W. A. Williams sold at Beaver Valley Stock Farm, Marlow, Oklahoma, Wednesday, August 27, 40 head of Duroc-Jersey hogs for \$1,957.00 or an average of \$48.92. The offering consisted of two young boars and 38 bred sows and gilts practically all either bred to or sired by Grandmaster Col. II. This was an unusual sale. Forty hogs taken at these prices mostly by the Duroc-breeders from various parts of Oklahoma speak in language plainer than words that Oklahoma breeders at least believe in taking steps to avoid a hog famine which would undoubtedly come if hog raisers and breeders continue to turn their breeding animals all on the market as many have done and are now doing. Following is a representative list of sales:

- 1-I. W. Hehn, Chickasha, Okla. \$150.00
2-F. T. Miller, Oklahoma City, Okla. 71.00
3-Joe Zimple, Starling, Okla. 52.50
4-E. S. Vaught, Oklahoma City, Okla. 25.00
5-W. L. Wells, Crescent, Okla. 104.00
6-S. W. Daniels, Marlow, Okla. 48.00
7-Chas. Burns, Marlow, Okla. 46.00
8-Joe Harrison, Marlow, Okla. 46.00
9-F. A. Roy, Yukon, Okla. 52.00
10-G. E. Williams, Marlow, Okla. 75.00
11-Chas. Harrison, Elmore City, Okla. 50.00
12-J. Hines Jones, Marlow, Okla. 58.00
13-J. R. Kilgore, Marlow, Okla. 51.00
14-T. J. Watkins, Lexington, Okla. 42.00
15-J. C. Harrison, Marlow, Okla. 35.00
16-Wm. J. C. Jones, Chattanooga, Okla. 42.00
17-W. C. Thompson, Marlow, Okla. 36.00
18-Sidney Biles, Lawton, Okla. 54.00
19-Ben Hampton, Chickasha, Okla. 27.00
20-J. T. Dowell, Belleville, Ark. 39.00
21-Clasgen Bros., Union City, Okla. 35.00
22-R. J. Stanton, Marlow, Okla. 46.00
23-Arthur Gates, Marlow, Okla. 42.00

The State Fair.

A. L. Sponsler, Sec. of the Kansas State Fair, Hutchinson, is very sanguine about the success of the fair this fall. In a conversation recently he said: "There are those who are wondering just what effect the continued unfavorable weather for crops will have upon the State Fair. Anything to occur in the future must be judged largely from experiences of the past and observations of similar events under similar conditions elsewhere. In 1901 at a meeting of the board, held on the 25th day of July, conditions appeared so unfavorable that a motion was made not to hold the fair that year. After a short discussion the motion was lost unanimously. The board went ahead with the result that was most gratifying to the management, the people and the exhibitors. Similar instances might be cited here and elsewhere. The history of all successful enterprises leads to but one conclusion and that is to proceed, meet difficulties and overcome them and go ahead. The exhibitors at the Kansas State Fair are made up of this class of successful men. Unpropitious weather conditions prevailing for a month or two only causes them to redouble their energies. The result is the exhibitors will be at the Kansas State Fair. The great tractor engine display and demonstration will occur. Those breeders having fitted show herds of horses, cattle, sheep and swine are making their entries and engaging their stalls and pens. Those having trained horses for speed or the horse show are not even hesitating as to whether or not they will exhibit. Of course they will. The same way with the visitor to the fair. He cannot afford to drop a year out. Kansas men are not made up of men who are quitters. The consequence is visitors will be here and the fair will be a grand success as usual, with many new and attractive features."

N. E. Kansas and N. Missouri

BY C. H. WALKER.

Big type Duroc-Jerseys are being offered now by Moser & Fitzwater of Goff, Kan. This firm has the kind that will please and is pricing them worth the money.

For Holsteins that combine size and quality and breeding worth and milking qualities of the highest degree write Ben Schneider, of Nortonville, Kan. Mr. Schneider's herd ranks with the best in the country. -He has bought foundation stock from the best herds in the United States and now his herd is recognized as headquarters for herd material.

For Berkshire pigs of the very best blood lines known to the breed, developed individually to the point they will go into other herds and continue to do good and offered at prices that will meet the approval of both farmers and breeders write W. J. Grist of Ozawie, Kan. Read Mr. Grist's card in this issue and note the unusually low prices for the class of stock he is offering.

John Waddill & Son of Brashear, Mo., report the sale of Krovmir (916319) 91642 to Sam Myers of Newark, Knox county, Missouri. Krovmir is the son of Etudiant, a champion in France. Waddill & Son have a number of horses in this class on hand and are making another importation this summer. They not only have a good clean bunch of horses, but make reasonable prices on them.

Dean's Immune Mastodons.

Few herds that have come under the writer's observation during the past two or three months have shown more improvement or better development than has the Clarence Dean herd of Weston, Mo. Mr. Dean has given them special care and is in a position to supply the trade with the best breeding stock. Few boars of the corn belt are the equals as breeders of Mastodon Price, the chief stock boar in service in the Dean herd. This boar gets them big and smooth, gets big litters and the kind that just naturally keep on growing. The entire herd is immune, a feature which should appeal to prospective buyers. We urge those in the market for something

O. I. C.

50 O. I. C. Pigs

Heavy Kamping, Elmora, Kansas. HARRY HAYNES, Meriden, Kansas.

100 Spring Pigs, early farrow (both sexes) and choice yearling boars. Ask for prices now. Well grown and extra good. Immune. Chas. H. Murray, Friend, Neb.

RUSSELL'S O. I. C.'s

February and March pigs ready for shipment. The large prolific type. Satisfaction guaranteed. H. B. RUSSELL, Sedgwick, Kan.

Edgewood O. I. C.'s

March and April boars sired by Vales Murr 2002 by the great 4B. Also tried bred sows Fancy Early June-boars sired by noted U. S. 1783, out of 430 lb. 2-year-old sow. HENRY MURR, Tonganoxie, Kan.

COOKIN'S O. I. C. HOGS

Four choice gilts for sale. Booking orders for fall pigs. F. C. COOKIN, RUSSELL, KANSAS.

50 O. I. C. Pigs for Sale

Sired by my leading herd boars. Write for prices and descriptions. Andrew Kozar, Glasco, Kan.

NEEF'S CHOLERA IMMUNE O. I. C.'s

Spring pigs of either sex in pairs and trios no kin. Also tried sows and fall gilts bred fall farrow. Pure bred seed wheat, seed rye and Collie pups for sale. Riverside Farms, J. H. Neef, Boonville, Mo.

O. I. C. Pigs

25 March farrow. Both sexes. Well grown and prolific breeders. Address ALVEY BROTHERS, MERIDEN, KANSAS.

GUERNSEYS

A GUERNSEY HERD BULL FOR SALE. I am offering Trilxy Lester, my registered herd bull for sale. No fancy price. JOHN FERRENOUD, HUMBOLDT, KAN.

BERKSHIRES

Hazlewood's Berkshires! Choice spring boars and gilts priced to sell. Write today. W. O. Hazlewood, R. 2, Wichita, Kansas

J. T. BAYER'S BERKSHIRES

Eighty early spring pigs by Bayer's Beacon and B. D's Centrepiece, 30 extra fine sows and gilts bred and open, four Winter and Fall males. Pricing to sell. Write for prices. J. T. BAYER, YATES CENTER, KAN.

BIG TYPE UNPAMPERED BERKSHIRES

150 sows bred to Fair Rival 10th, King's 4th Masterpiece, Trustype, King's Trustype, and the great show boar King's 10th Masterpiece. All long, large and heavy boned. Sows farrow from August 1st to December 1st. Open gilts and boars ready for service. Not a poor back or foot. Every man his money's worth. E. D. KING, Burlington, Kansas

DUROC-JERSEYS

A FINE OFFERING Pigs by R. O. Buddy, Watson's Col. and Model Top. Vaccinated and priced to sell. R. C. WATSON, Altoona, Kansas.

Jones' Durocs

All bred from the best blood lines and of the large type. Anything from a herd boar down to a pig. Stock all immuned from cholera. Description guaranteed. Write me your wants. W. G. JONES, MACOMB, ILL.

PERFECTION STOCK FARM

Duroc-Jersey boars, Nov. and Dec. farrow, sired by sons of B. & C's Col.; Buddy K IV and Grand Master Col. First Choice \$25; Second choice, \$20 for next 30 days. Weight 180 to 175 lbs. CLASEN BROS., Union City, Oklahoma

Good E. Nuff Again King 35203

Heads our great herd. Sale average: March 11, sows, \$77.50, sows and gilts, \$62.00. Write for prices. W. W. OTEY & SONS, Winfield, Kansas

Duroc-Jersey Spring Pigs

Dark cherry, sired by Bull Moose Col. 138255, he by King the Col. 88533 and out of large prolific sows of popular breeding, priced reasonable, and f. o. b. your station if desired. Arthur A. Patterson, Ellsworth, Kan.

FORTY MARCH PIGS

Also a few October Gilts bred to farrow last of September. Prices right. Descriptions and prices by return mail. J. R. JACKSON, KANOPOLIS, KANSAS.

Royal Scion Farm Durocs

The great Graduate Col., assisted by Col. Scion, heads this herd. Spring and fall boars, some of them show and herd header material; also a few gilts and spring pigs, either sex. G. C. Norman, B. 10, Winfield, Kan.

JERSEY CATTLE

LINSCOTT JERSEYS

Only register of merit herd in Kansas. For sale: Grandson of Noble of Oaklands, ready for service. Also sons and daughters of the great Gamboge's Knight. Prices reasonable. R. J. LINSCOTT, HOLTON, KANSAS

MULE FOOT HOGS.

Mule-Footed Hogs The coming hope of America; hardy; resist disease; the best rustlers known; pigs ten to sixteen weeks old, \$30 pair. Circular free. DR. W. J. CONNER, LABETTE KANSAS.

MULE FOOT HOGS

More premiums won in 1912 than any herd in U. S. Spring boars and gilts and pigs in pairs not related. Zene G. Hadley, R. F. D. 5, Wilmington, O.

HAMPSHIRE.

WRITE J. F. PRICE, Medora, Kans. For prices on Pedigreed Hampshire Hogs

Pedigreed Hampshires

of various ages. Some at weaning time only. Every hog properly vaccinated. C. E. Lewis, Oxford, Mo

Pure Bred Hampshires

Some extra choice, well-bred spring boar pigs for sale. ALVIN LONG, Lyons, Kansas.

SUNNY SLOPE FARM

Regards Mail and Breeze space as a good advertisement, but a satisfied customer as a much better one. We offer high bred, well belted Hampshire hogs on a money-back plan. That's the only way we sell. Let's get acquainted. FRANK H. PARKS, OLATHE, KANSAS.

OVERLAND GUERNSEY FARM

THE FINEST HERD OF IMPORTED GUERNSEYS IN THE COUNTRY

MAY ROYAL, by Hays Royal, a line bred Golden Secret, and "the best Guernsey sire in America," chief stock bull. Cows and heifers of best imported strains. All cows tested for advanced registry.

In order better to introduce the Guernseys in the West, we will make attractive prices on young bulls and cows and heifers, bred and open. Special inducements to new breeders in herd foundation material.

If you wish to improve the quality and production of your milk; cream and butter, use a Guernsey sire. Unsurpassed in constitutional vigor, adaptability, and richness of product. Correspondence invited—your personal inspection preferred. Call on or address, Overland Guernsey Farm, Overland Park, Kan C. F. Holmes, Owner. W. C. England, Mgr. Eight miles S. W. of Kansas City on Straug Line. Station 24 Farm.

PEGGY OF OVERLAND (Trade Mark)

BERKSHIRES. Berkshire Pigs Choice pigs, either sex, 10 to 16 weeks old, sired by ROBINHOOD PREMIER 2d, or Adam, a son of Rival's Lord Premier. Nothing but the very choicest specimens shipped. Price: registered, crated F. O. B. here—one \$20; two \$35; three \$50. W. J. CRIST, Ozawie, Kas.

DUROC-JERSEYS

MODEL AGAIN Duroc boars, \$12.00 Baby gilts, \$25.00 Bred gilts, \$50.00. E. W. Baldwin, Conway, Kan.

TAYLOR'S SPRINGDALE DUROCS

Spring pigs for sale from ancestors that were leading State Fair winners in 1911 and 1912. Fall gilts same breeding and quality. Chas. L. Taylor, Olean, Mo.

Big Stretchy Durocs

A choice lot, either sex, for sale, also S. O. White Leghorns, extra fine stock. HARRY GIVINS, Madison, Kansas

Quivera Place Durocs

Spring Pigs now ready and going. Write for prices. E. G. MUNSELL, Herington, Kansas.

BONNIE VIEW FARM DUROC-JERSEYS

Extra fine spring pigs, sired by Tat A Walls and S. C. V Col. Searle & Cottle, Berryton, Kans.

BANCROFT'S DUROCS

We hold no public sales; nothing but the best offered as breeding stock. Bred September gilts to farrow September and October \$28, March boars and gilts \$20, weight 100 to 125 pounds. Customers in 10 states satisfied. Describe what you want. We have it. D. O. BANCROFT, OSBORNE, KANSAS.

Royal Scion Farm Durocs

The great Graduate Col., assisted by Col. Scion, heads this herd. Spring and fall boars, some of them show and herd header material; also a few gilts and spring pigs, either sex. G. C. Norman, B. 10, Winfield, Kan.

DUROC-JERSEYS.

Smith's Dueroes Fashionably bred boars, including grandsons of the great Graduate Col., a herd-heading son of the champion, Tatarax. Also ring boars. J. R. SMITH, NEWTON, KANSAS

McCarthy's Dueroes Few October boars by J.R.'s Col. by Graduate Col. so a son of the champion, Tatarax, that should be some good herd. Dan'l McCarthy, Newton, Kan.

Big-Type DUROCS All gilts bred or open. Booking orders for spring stock. March Wonder, Col and Buddy strains. Fall sale Oct. 17. OSER & FITZWATER, GOFF, KANSAS

Red, White and Blue Duroc Farm Priced from Taylor's prize winners, 20 serviceable sows; also 20 open gilts from 1912 State Fair prize winners. Price other herds then get lower prices of herd. JAMES L. TAYLOR, Olean, Mo.

Dearview Stock Farm Dueroes Ages. A few open gilts, also tried sows, bred for September and October farrow. Spring pigs, pairs trios. Satisfaction guaranteed on mail orders. A. J. HANNA, ELMDALE, KANSAS.

Deep Creek Herd Dueroes! Orders taken now for early spring pigs, sows either state fair prize winners or sired prize winners. Write for low prices. O. ANDERSON, MANHATTAN, KAN.

LES' Farm Duroc-Jerseys Selected lot of early boars and gilts sired by and of prize-winning boars and sows. The big kind in quality and guaranteed to please. Priced low. Visitors meet by appointment at Everest or Junction. E. C. ILES, Everest, Kansas

HILLSIDE DUROCS Yearling boar for sale cheap. Spring sows of both sexes, a few by the Jr. Champion at Topeka Fair, priced right. A. WOOD & SON, ELMDALE, KANSAS

Duroc Pigs, Popular Breeding I am offering 100 spring pigs, by Eckman's Special 663 and Gold King 126195 out of sows by B. & C's 11. Buddy K IV, Chief's Marital, Belle's Chief 1, Golden Goods, etc. Yendon Eckman, Winand, Kan.

POLAND CHINAS.

Poland Chinas Select young boars; gilts, bred or open. Prices right. Call or address L. BROOKS, Larned, Kans.

Polands, with Size and Quality Bred sows and gilts; also 100 spring pigs, sired by Wachter's Referee, and King Hadley. Lambert Bros., Smith Center, Kan.

Bunny Side Poland Chinas Bred sows and spring boars for sale, priced right. Satisfaction guaranteed. J. G. Burt, Solomon, Kan.

50 Poland China March and April boars and gilts for sale. Public sales. Write for descriptions and prices. G. A. WIEBE, BEATRICE, NEB.

Geo. E. Smith, Agenda, Kan. Years breeding Polands in Republic Co. public sales but 70 choice boars and gilts March farrow for sale. Address as above.

HURSTON Poland Chinas Large, smooth kind. Fall boars, handsome fellows by U. Wonder by A. Wonder, also gilts by this son of A. Wonder and bred to Orange Lad by G. Orange. Thurston & Wood, Elmdale, Kan.

LARGE WITH PLENTY OF QUALITY! Handsome young boars, gilts bred or open. Best of large type blood lines. Some boars, sired headers Satisfaction guaranteed on all breeding stock. LUVIER & SONS, DANVILLE, KANSAS.

Big Polands at Bargain Prices. 10 Head Sows safe in pig to Gold Mine 17339 for August and September farrow. 5 December boars, sired ones. 30 Spring pigs, no culls in the bunch. No. 1 quality and big husky ones, priced right. METRICH & SPAULDING, Richmond, Kans.

At Tabor Herd Poland Chinas BIG AND MEDIUM TYPE. Herd Immune. For sale: Fall boars and gilts and 100 spring pigs. Big Mogul and College Special 5th. Bred sows and gilts of either type. J. D. Withoung, Zeandale, Kan.

HILDWEIN'S BIG POLANDS Make your selections from my large herd of the big kind. They are the kind that make good. Public Sale October 29. WALTER HILDWEIN, FAIRVIEW, KAN.

Fall and Summer Gilts 15 fall gilts open, 10 summer gilts bred and open. Bred and tried sows bred for fall farrow. Also an attractive herd boar offer. E. C. LOGAN, Mitchell Co., SOLOMON RAPIDS, KAN.

Stith's DUROCS Boars and gilts bred to and young boars and gilts by Model Duroc, one of the best sires of the breed. His half brother and sister were grand champions. His sire was a champion. Write today. CHAS. STITH, Eureka, Kansas

GEO. W. NOWELS, GLASCO, KAN. 15 March boars and gilts for sale. Medium type. Size and quality. Pairs and trios not related. Prices right. Address as above.

Special 30-DAYS OFFER 10 extra good spring boars. Fall pigs, \$10 each. Certificate with every pig. Satisfaction guaranteed. Howard R. Ames, Maple Hill, Kan.

tappy to write Mr. Dean for his prices and guarantee.

Overland Guerneys.

We call special attention to the announcement now running in these columns of the Overland Guernsey Farm at Overland Park, Kan., which is said to be the model dairy of the West. Mr. Conway F. Holmes of Kansas City, the owner, has gone to a great expense in building up this great herd and in order better to introduce the Guerneys in the West is making rock bottom prices on both bulls and cows and heifers. In many instances the prices asked by Mr. Holmes do not cover the first cost of the imported animals and added to that is the most important feature of having all cows tested for advanced registry. There isn't any question about the Guerneys as a dairy proposition and there isn't any question but that the Overland Park cattle are as good as there is to be found in the United States. Mr. Holmes' offer is worth looking into.

S. E. Kansas and S. Missouri

BY ED. R. DORSEY.

We wish to direct your attention to the advertising of Frank Ashby of Girard, Kan., who is offering a very fine Holstein bull calf. Mr. Ashby is in the dairy business and is well acquainted with the milking family of Holstein. He is pricing a \$75 calf for \$40. Write him for particulars.

Bayless Imports Belgian Horses.

W. H. Bayless, importer of Belgian stallions and mares, and owner of the Blue Valley Stock Farm, at Blue Mound, Kansas, writes from Belgium that he has one load of stallions and mares bought and he is now picking up the second load which will be shipped some time in January. This first load will arrive in time to show at the American Royal, being of the same class that he won so many prizes on at the last show. It is possible that no other importer has brought over more strictly high class, weighty draft horses for the number imported, than Mr. Bayless. He is so particular that he will not trust even the horse men of the old country to buy for him. We have visited his stables immediately after his importation and personally looked over every horse, and absolutely found a whole carload after shipment without a single scratch or blemish. Mr. Bayless is an expert judge. Every animal is personally inspected and tried out before he will buy it. That is the reason that they arrive sound.

Churchill's Jersey Cattle.

One of the most interesting dairy farms in Oklahoma is located at Vinita and is owned by banker A. L. Churchill, who has made Jersey cattle a specialty for a number of years. The farm adjoins the city limits and contains one hundred and sixty acres of rich creek bottom land. On the highest elevation of this land is built a fine two-story residence, so modern and complete that its beauty would grace any city boulevard. There are also two great dairy barns that are the most complete of the kind in the state, and add to the attractiveness of the place. The owner, Mr. Churchill, loves his cattle, and is doing a great work for Oklahoma. He is getting the Oklahoma farmers interested in the purebred business and especially the Island Jersey business. On the "Windsor Place" (as it is known all over the state) are some seventy head of registered Jersey cattle, many of which are Island bred cattle and all of them are either sired by or out of imported cows—or both. At the head of the herd is Oxford Lad Successor (83914) bred by Howard Willits of West Plains, New York, sired by Oxford Lad 3123 (H. C.). He is the sire of Stockwell, that sold for \$11,500.00, Majesty \$4,500.00, and a number of other noted herd headers. Oxford Lad's Successor is out of G. F. Fox's Minorca 189626 that gave 7,500 pounds of 5 4-10 per cent milk with her second calf, and she was sired by Benedictine's 3188, (H. C.). This is one of the greatest individual bulls in the West and the only Oxford Lad bull from start to finish. The entire herd are descendants from the old Plumb Tree (Golden Fern's Lad, etc.). We are inclined to believe that the nine head of imported two-year-old heifers by Golden Fern's Noble are the most beautiful for the number we have ever seen on any one breeding farm. They will be retained at Windsor Place from now on as they are all bred to the champion winner and double grandson of Gamboge's Knight.

N. W. Kansas and S. Nebraska

BY JOHN W. JOHNSON.

In this issue Dana D. Shuck is offering fall and spring boars and gilts at private sale. Mr. Shuck is a member of the Jewell county breeders' association. He is a well known breeder of Duroc-Jerseys and offers his boars, both fall and spring, at private sale; also some spring and fall gilts, bred or open. Write him for prices and descriptions. Mention Farmers Mail and Breeze when you write.

Thos. F. Walker & Son, Alexandria, Neb., have decided not to hold their annual Poland China boar sale at Fairbury, Neb., but will sell their boars at private sale. Breeders familiar with the kind of Poland Chinas the Walkers always raise will know what it means when they learn that they have this season raised the best lot of boars they ever offered at auction or privately. Some of them will weigh 200 pounds. Mention Farmers Mail and Breeze when you write.

Special Bargains in Polands.

Howard R. Ames of Maple Hill, Kan., is changing his ad this week in Farmers Mail and Breeze. Look it up. He is making some bargain prices. The pigs he is offering are sired by Bogardus X, by Bogardus, bred by Lambert Brothers of Smith Center, and the dams of these pigs are by Big Defender and Colossus of Dawson breeding. The pigs are good ones, having extra length and heavy bone. They are in good condition. These pigs will not last long at the price Mr. Ames is quoting. Write him at once and get the pick of the offerings.

POLAND CHINAS.

Poland China tried sows and fall gilts, bred or open. Big type boars and big mature dams. J. F. FOLEY, Oronoque (Norton Co.), Kan.

100 SPRING PIGS Sired by King Hadley, King Blain, Jr., King John and Long John 2nd; priced right and guaranteed. W. Z. BAKER, RICH HILL, MISSOURI.

Green Lawn Stock Farm of Adrian, Mo. is offering 40 fall and winter boars that will weigh from 150 to 250 each. No better Poland Chinas on earth. Also a number of bred gilts. JAS. T. ELLIS, ADRIAN, MISSOURI. (Successor to A. J. Erhart & Sons)

POLAND CHINAS.

KLEIN'S TABOR VALLEY HERD Some choice January Poland China boars by Chief Price \$1007. Also two Sept. boars same breeding. Fall gilts, bred or open. Tops of 30 February boars. All out of big mature dams. Satisfaction guaranteed. L. E. KLEIN, Zeandale, Kan.

John Harter's September Boars 25 selected Sept. boars to pick from. Sired by Mogul's Monarch, Long King, Prince Hadley and Gebhart. Well grown and desirable as herd boars. Prices right. Satisfaction guaranteed. J. H. HARTER, WESTMORELAND, KAN.

Pleasant Valley Stock Farm! Big Boned Poland Chinas H. C. LOOKABAUGH, Prop. We are now offering a few choice fall boars at choice prices. They are the kind that make good. Satisfaction guaranteed. Address L. W. CUTRIGHT, Mgr., Watonga, Okla.

PLEASANT HILL STOCK FARM POLANDS Long King's Best, Sampson Ex and Moore's Halvor, a trio of unusually fine big-type boars in service. Herd headed by Mastodon Price, Columbia Wonder and Gritter's Longfellow 3d. Everything guaranteed and sold worth the money. Phone Dearborn; station, New Market, and postoffice, Weston, Mo. Address HENRY GRANEE & SON, LANCASTER, KANSAS.

Dean's Mastodon Poland Chinas Serviceable boars and bred sows and gilts. I have some 2-year-old sows 65 inches long, bone 3 1/2 in., and 34 inches high. VACCINATED AND IMMUNE. Herd headed by Mastodon Price, Columbia Wonder and Gritter's Longfellow 3d. Everything guaranteed and sold worth the money. Phone Dearborn; station, New Market, and postoffice, Weston, Mo. Address CLARENCE DEAN, WESTON, MISSOURI.

Big Orange and Colossal Big Boned Poland Chinas Special offering at private sale, fall boars combining immense size with show yard quality and finish, farrowed Sept. 1912, weight 400 to 500 lbs., herd headers and show boars; also last spring boars of exceptional size and quality; sires, Big Orange and Colossal. L. R. McCLARNON, Bradyville, Iowa.

Robinson's Mammoth Poland Chinas! My herd boars weigh from 800 to 1,025 lbs. Now have for sale the greatest lot of spring pigs I've ever raised. Sired by and out of my prize winning boars and sows. Get my prices, description and guaranty. My terms are: If you are not satisfied return the hog and I return your money. F. P. ROBINSON Maryville, Mo.

JEWELL COUNTY BREEDERS' ASSOCIATION Members of this association, advertising below will offer nothing but first class animals for sale for breeding purposes. Jewell City Stock Show, October 9-10 F. W. Bevington, Pres. I. W. Kyle, Secy.

POLAND CHINAS.

7 GREAT BOARS, five of Oct. farrow and two of Dec. Roal herd boars at fair prices. Boar and gilt sale Nov. 15. JOHN KEMMERER, Jewell City, Kan.

75, JAN., FEB., MARCH pigs for sale. Sired by three big boars and out of mature sows. Prices right. Public sale Nov. 6. Feb. 28. A. E. REYSTAD, Mankato, Kan.

Polands, Shropshire Sheep 100 Spr. pigs, both sexes, strictly big type. Ram lambs. Write for prices. Ira M. Swihart & Son, Webber, Kan.

50 BIG BOARS Spring farrow. Big and smooth. Priced to sell. Also choice gilts. Bred Sow Sale, March 10. JOSHUA MORGAN, HARDY, NEB.

Six Fall Boars that are good for sale reasonable. Big growthy kind. IRA C. KYLE & SON, MANKATO, KAN.

FALL AND SPRING BOARS for sale. Also spring gilts and summer yearlings. Barred Rocks, R. I. Reds and W. Wyandottes. W. A. McINTOSH, Courtland, Kan.

PRIVATE SALE Spring boars and fall gilts. Also fall gilts. Best of big type breeding. Ask for prices and descriptions. TUBOR J. CHARLES, Republic, Kan.

50 PIGS White Turkeys, White Rocks, Emilian Runner, Muscovy Ducks, White Guinea, Fan Tail Pigeons. A. T. GARMAN, COURTLAND, KANSAS.

DUROC-JERSEYS.

35 Spring Pigs, both sexes. Also 15 choice November yearling gilts bred or open. No public sales. Also good herd boar proposition. E. M. MYERS, Burr Oak, Kan.

Fall Gilts Bred or Open Also Spring Pigs, both sexes. Best of breeding and well grown. R. P. WELLS, FORMOSO, KANSAS

25 SPRING BOARS of fashionable breeding. Priced to sell. Bred sow sale January 29. Ask for prices and descriptions. N. B. PRICE, Mankato, Kan.

FALL AND SPRING boars and gilts sired by Chief's Perfection. Fall gilts bred or open. DANA D. SHUCK, BURR OAK, KANS.

KANSAS SPECIAL boars, sired by him and out of mature sows. Write. Also Holstein cattle and White Holland turkeys. Bred Sow Sale Jan. 28. W. E. MONASITH, Formoso, Kan.

32 MARCH BOARS at private sale, by Defiant 2nd and B. & C's Col. Chief. Extra good and priced right. Bred Sow Sale Feb. 9. E. A. TRUMP, Formoso, Kan.

SPRING BOARS for sale reasonable. Write for descriptions and prices. Up to date breeding. Also a few gilts. R. C. MADSEN, JEWELL CITY, KAN.

10 Good Spring Boars priced right to move them quick. JOHN McMULLEN, Formoso, Kansas

HAMPSHIRE HOGS. 65 HAMPSHIRE PIGS of Sog. farrow. Priced to sell. Also unusually good herd boar proposition. ROY HAGGART, MANKATO, KANSAS.

O. I. C. HOGS. O. I. C. SPG. PIGS Priced to sell. Write for descriptions and prices. White Holland Turkeys. Dr. W. W. Spencer, Mankato, Kan.

SHORTHORNS. Oscar Green's Shorthorns Popular Stock for sale. A good herd bull proposition. OSCAR GREEN, MANKATO, KANSAS

Yearling Bull for sale. Dark Red. Eligible to registry. Price right. Duroc-Jersey boars and gilts. 100 White Wyandotte Cockerels. I. N. CHILCOTT, MANKATO, KANSAS

GUERNSEY CATTLE. W. E. EVANS, Jewell, Kan. Breeder of Guernsey cattle. Nothing for sale now, but watch this space.

JERSEY CATTLE. 100 JERSEY COWS AND HEIFERS Health test with each animal. Write for prices and descriptions. J. W. BERRY, JEWELL CITY, KANSAS.

D. S. POLLED DURHAMS. YEARLING BULL, nice red and splendid calf. Also some fine bull calves ready for service next spring. R. T. VANDEVENTER & SON, Mankato, Kan.

PERCHERONS. PERCHERON Stock for sale. Always good horses in service. Breeding Farm H. G. MYERS, HARDY, NEB.

AUCTIONEERS. John Brennan & Son Livestock Auctioneers ESBON, KANSAS WRITE OR PHONE FOR DATES

M. S. HOYT, MANKATO, KAN. Write or phone Livestock Auctioneer for dates.

Frank Regan Livestock Auctioneer ESBON, KAN. WRITE OR PHONE FOR DATES.

Ole Hanson, Livestock Auctioneer Mankato, Kan. Write or phone for dates. DAN GALLAGHER, Jewell City, Kan. LIVESTOCK AUCTIONEER Write or phone for dates.

N. B. PRICE Livestock Auctioneer MANKATO, KANSAS. Write or phone for dates.

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