

KANSAS FARMER AND MAIL & BREEZE

Vol. 61, No. 40

October 6, 1923





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KANSAS FARMER and MAIL & BREEZE

October 6, 1923

By *Arthur Capper*

Vol. 61 No. 40

Makes Hay Pay Bigger Profits

By Baling Alfalfa Crop in the Field, Shawnee County Farmer Lowers His Production Costs and Reduces Loss from Shrink

By M. N. Beeler

ALFALFA is one of the most profitable crops a farmer can grow. That's the opinion of Joe Brown who is going in for hay production in the western part of Shawnee county. Brown has figured out several short cuts which save him money in making hay. In the first place he bales in the field. That makes a considerable saving for he reduces his expense by just what it costs to stack the alfalfa or put it in the barn. With a good power outfit he bales 15 to 16 tons in a day. That will keep two bull rakes busy hauling the hay in and is almost as big a tonnage as can be stacked in a day. With his own outfit, he believes that the hay can be run thru the press for about the same cost that it can be put in the stack. When he hires the baling done at \$3 a ton the cost is little higher for baling.

Saves Extra Handling

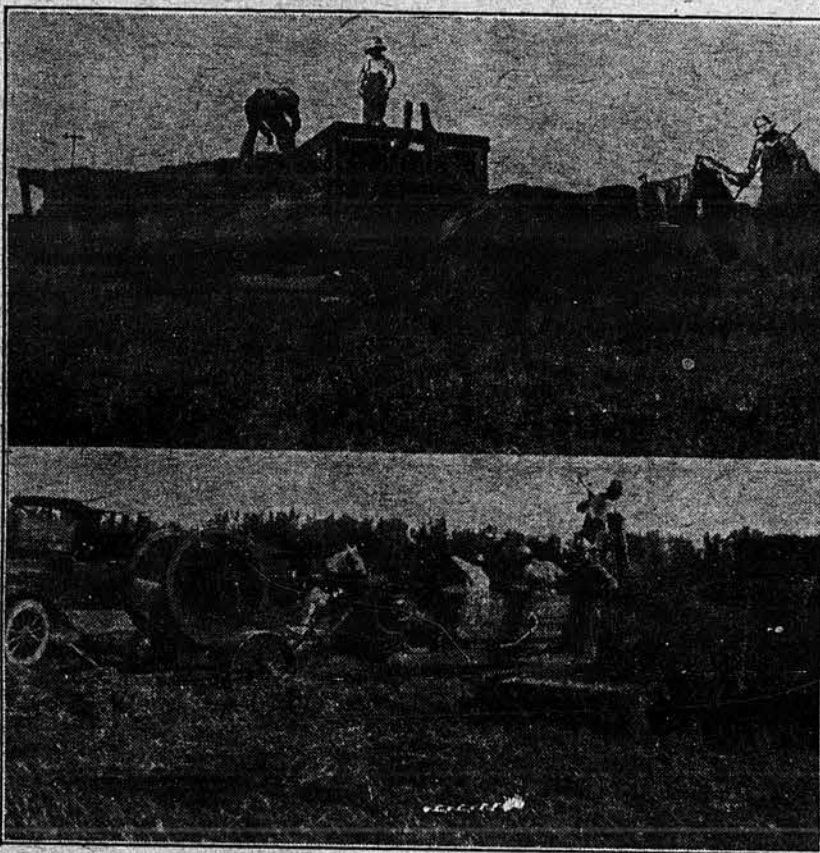
"Baling in the field saves handling the hay once," said Brown one day last summer as he drove his hook into a bale and yanked it aboard the wagon. "If I put this in the stack I would still have it to bale later in the year. It would require two men on the stack, one man and team to handle the stacker, and two men and teams with the rakes. Baling requires the same two men and teams with rakes, one or two men to table the hay, one to feed and two to wire and carry the bales back. That makes two more men and one less team for baling.

"I am paying \$3 a ton for having this hay baled because my own outfit is laid up for repairs. I can bale it cheaper myself, probably for \$2 a ton not counting interest and depreciation. That leaves me some margin over the price I pay when I hire an outfit.

"Then there is another advantage of baling in the field," he continued, after stepping the team up so that the back of his wagon could be loaded. "These

bales are averaging about 80 pounds. If they were stored they would lose 10 pounds. That's about the same shrink it would make in the stack. In the two

or three days required to get it on the market this way, the shrink is much less than it would be if it cured in the stack as is done on many farms."



By Baling from the Windrow and Hauling His Hay Direct to the Loading Point, Joe Brown Makes Alfalfa Pay Much Larger Returns

At the time mentioned Brown was hauling the hay direct to the car at Willard. He believes it pays to ship instead of selling locally. As an example he was offered \$10 a ton on track for one load of the second cutting. He shipped to Kansas City and it netted him \$13.25, or \$3.25 a ton more.

"This hay probably will grade No. 2," said C. H. Metzger, who was baling for Brown, "because it was bleached a little by rain. Even then it will get to market in better condition than if it went thru the sweat in a sack. Many of the farmers in these bottoms are baling out of the field because it saves them money and they get brighter hay than they would if they stacked and then baled. Of course a man can stack when hay is too green to bale and much of the first crop is stored in that way because the weather is uncertain, but practically all the cuttings after that are baled from the field if the hay is not reserved for feed on the farm."

To Seed Farm in Alfalfa

Brown harvested 40 acres of alfalfa on the farm of Gus Kassebaum, 1 mile north of Willard, this year. He had 8 acres on the farm he is renting from Dr. C. S. Smith of Rossville. He and Smith are planning to seed 50 acres this fall and probably 15 or 20 acres in the spring. The whole farm of 109 acres will eventually be seeded to alfalfa.

"I can make more money from alfalfa than any other crop I can grow in the Kaw bottoms," said Brown when he returned for another load. "I have just got thru marketing a wheat crop from 45 acres which returned me \$300.33. If you know anything about wheat, you have some idea about what I lost. I have raised 1,200 bushels on that field.

"You see," he continued, after tying the lines to the rack, "a man can lose (For Continuation Please See Page 10)

Another Farm Spruces Up

By Frank A. Meckel

NINETEEN years ago H. W. Behrens came to Osage county with \$30 in cash and a lot of grit and determination. He bought 80 acres of land just outside of Lyndon and then set out to work and pay for it. Five years ago he paid out on the land and cleaned the slate.

Meanwhile he had been improving his place. He had built barns and hog houses and had improved it in many other ways. But the biggest improvement came a year ago when Behrens built the house. It is the outstanding feature of the farm so far as appearances go.

It is built of stucco placed on metal lath and is trimmed with a cobblestone chimney and cobblestone porch pillars. The yard has been enclosed with an ornamental woven wire fence and is covered with a beautiful carpet of grass. This adds a great deal to the appearance of the entire place.

The House is a Bungalow

The house itself is of the bungalow type with seven rooms and a bath room on the first floor and two finished rooms in the attic. It is finished in hard wood throughout and has a number of very fine built-in features such as desk, book-case and window seats. Another excellent built-in feature is the clothes chute thru which soiled clothes may be dropped into the laundry room in the basement. Immediately

over this chute is the linen closet, thus utilizing all available space without any waste.

The house is equipped with electricity, running water, bath room and hot air heat. The electricity is taken from the Ottawa high power line which passes in front of the farm and furnishes current to the town of Lyndon. Behrens has been using this electricity for about two and one half years now and the total cost has been \$25.

The water system consists of an electrically driven pump and pressure tank.

Water is taken from a cistern which has a capacity of 150 barrels and pumped into the steel tank. The pressure within the tank forces the water upstairs in the house and always insures a good flow at any faucet.

The Behrens family is mighty proud of the new house and rightly so, for it is one of the neatest and most modern homes in the county. There isn't a house in the town of Lyndon which is any more modern than this country home, so the Behrens have a regular city home out in the country where it's

healthier and living is much better.

The place cost about \$6,000 to build, which is very reasonable considering all that Behrens got for his money. It could not be duplicated in town for that money. In fact, it is safe to estimate that such a house in the city would cost at least \$8,000 even at prices which prevailed when it was built on the farm.

Hog Profits Built His Home

Behrens says that profits from hogs built his house and paid for his farm. He is a breeder of purebred Chester White hogs and also feeds hogs for market. Beside the 80 acre farm which he owns, he rents 100 acres on which he grows corn and alfalfa that he feeds into his hogs.

This man is happy and contented with farm life since he has his new house and it is quite likely that anyone else would be satisfied with farm life if he had a similar place in which to live. Behrens considers the house one of the best investments he ever made, for it brought to him and to his wife every comfort and convenience desirable in a home, and that is what makes life worth living after all, whether it be in the country, the village or the big city. Folks have a right to comfort and happiness and when they work for these things and eventually get them, there is a great deal of satisfaction to be derived therefrom.



This is the Attractive Farm Home Which H. W. Behrens Built on His Osage County Farm for \$6,000 and It is Worth the Money

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Passing Comment—By T. A. McNeal

AMONG the most able and apparently sincere advocates of the League of Nations when the matter was being discussed in the United States Senate, was Senator Oscar Underwood of Alabama. Senator Underwood has lately returned from a trip to Europe where he had gone to study political and economic conditions. He is an avowed candidate for the nomination for President on the Democratic ticket next year and it was, I think, generally supposed that he would advocate the joining of the present League by our Government. It is now said that after witnessing the course of the League in the controversy between Italy and Greece he has changed his mind and will not at present, at least, advise our joining the League.

German Situation Unsettled

AFEW days ago it seemed that the question of German reparations was about to be settled. Germany, it was announced, had abandoned the policy of passive resistance and virtually yielded to the demands of France and that in accordance with this agreement the French troops would be withdrawn from the Ruhr.

The optimism this report engendered is not justified. An agreement has not been reached and the situation in Germany seems as uncertain as ever. The fact is, that neither France nor Germany is in position to deal with the situation frankly and openly. Germany of course does not wish to pay the indemnity if it can be avoided and France knows that if Germany becomes able to pay the indemnity it will probably be able to lick France. Meantime the credit of Germany sinks lower and lower and the danger of an overthrow of the present German government increases.

European Truce Continues

TEMPORARILY at least the threatened war involving Italy, Greece and quite probably Jugo-Slavia, is averted. Greece has made her apologies and is proceeding in accord with the demand of Italy to hunt down the murderers of the Italian commissioners. Also Italy seems, for the present at least, to be disposed to postpone the occupation of the city of Fiume, which would almost certainly bring on a clash with Jugo-Slavia.

Spain a Republic?

THE revolution in Spain seems to be gaining headway and predictions are freely made that King Alfonso may lose his throne and Spain become a republic. In that event it is among the possibilities that the Spanish king will be the first president if he so desires for all agree that he is personally popular with the majority of the Spanish people.

Sick of Wheat

IT IS reported that Prof. L. E. Call of the Kansas State Agricultural College says that the ground in Kansas is sick of wheat, that is, it has been continuously planted in wheat until it is no longer able to produce strong, vigorous wheat plants. As a result, when the chinch bugs attack the weak plant they soon sap its vitality. I suppose chinch bugs are more than usually plentiful this season but there are here and there fields of particularly vigorous wheat which have not apparently suffered from the bugs. Professor Call says the reason is that these vigorous plants can withstand the attacks of the insects.

Professor Call also says that speaking generally, Kansas farms have not had the proper rotation of crops necessary to keep up the fertility of the soil. In brief and to put it bluntly, farming in Kansas is not carried on in a business-like way. Some men doing business in town run their business in as haphazard a way as a good many farmers do and soon become bankrupt.

Now how can this condition be remedied and why does it exist at all? Our farmers are men of at least average intelligence. It seems to me that they read more and probably think more than the average man in town, but their business is not systematized. I do not believe either that as matters go now the average farmer can systematize his business as he ought to do.

I think that frequently he does not plant what

he would like to plant but what he can plant. He does not put his crop on the market in the way he would prefer but as circumstances compel him to market.

I firmly believe as I have for a great many years, that the remedy lies in following the plan that has been demonstrated to be a success in other lines of business. Farmers must not give up their individualism but they must operate co-operatively and scientifically.

There are a few very important facts that have been established beyond question.

One fact is that the producer of raw material is, speaking generally, at the mercy of those who manufacture his raw product into the finished product. A second well established fact is that cost of distribution under our present system is necessarily so large that either the producer must take less for his raw product than is a fair price or the consumer must pay considerably more than is a fair price.

A third demonstrated fact is that speaking generally our agricultural lands are rapidly being depleted of their fertility. The statement of Professor Call is merely a variation of this general statement.

A fourth well established fact is that it is entirely possible by proper cultivation and fertilization to increase the average yield of our agricultural lands at least 100 per cent and probably 200 per cent.

What is true of grain production is also true of dairy production and horticultural production. The same number of dairy cows we have at present in Kansas, if they were the right kind of cows and handled in a scientific manner would yield fully twice and probably three times as much milk and butterfat as our present dairy cows yield.

Horticulture is largely a neglected and therefore a profitless industry. There is always ready sale for first class fruit and almost no sale for inferior fruit.

Now the individual farmer has a multitude of different things to do. No matter how hard he works he must neglect some of his great number of duties. If he is an industrious man he does the best he can under the circumstances. He knows that if he could cultivate and fertilize his land as it ought to be cultivated and fertilized, he would have a far better yield, but he simply has not the time to do so.

He knows that if he had better cows and could give them more care his milk and butter product would increase but he simply cannot get the better grade of cows and has not the time to feed and care for them as he would like to do even if he had them.

If big business in this country was split up into a million little petty business enterprises no one of the proprietors would make any money and there would be no advancement, no enterprise, and little accomplishment.

Before farming can be the success it ought to be, in my opinion it must be organized as big business is organized. The land must be cultivated scientifically at a minimum of cost and a maximum of production. The raw product must be, generally speaking, converted into the finished product where it is produced. The problem of distribution must be worked out so that the farmer's product will be fed into the market regularly as fast and no faster than the market will absorb it. In short the great farming industry must be placed on a real business basis.

Now all that is easy to say but not easy to put into operation. If I had a million dollars at my command I would most certainly try the experiment of putting my theory into practice. I would buy a large tract of land where the soil is good, where water can be obtained in abundance and where climatic conditions are at least reasonably favorable. I would build comfortable modern dwellings sufficient to house the families necessary to cultivate the land and operate the factories necessary to convert the raw material into the finished product. I would build a school building fitted up for the purposes of practical education and agricultural experiments. I would purchase the necessary equipment in the way of machinery and the livestock necessary to stock the plant. I would capitalize the plant for enough more than its actual cost to provide the necessary working capital.

I would undertake to put into the homes provided,

young, ambitious married people with growing families. I would make every one a shareholder in the enterprise and it would be rather immaterial whether these young people had any money to start with or not. If they had none I would sell them shares in the enterprise, take their notes bearing a very moderate rate of interest, deposit them in the treasury of the corporation and with them the stock as collateral security. This is not new or original. Every well managed building and loan association does the same thing and lets the share holder work his way out.

I would have the corporation so organized that each share holder would have one and only one vote in the selection of the board of directors. I would insist on having the plant under the general direction of the most competent manager obtainable and the question of his salary would not be the prime consideration. A high salaried competent man in a position of that sort is vastly more economical in the long run than a small salaried incompetent man.

I would expect to make the town where the workers would live, the most delightful possible and the school would at all times be correlated with the work of the corporation. But I do not have the million and never will have, so that so far as I am personally concerned I will never have the chance to try to make my dream come true.

Concerning Kansas Landlords

IHAVE been reading," writes a Southern Kansas farmer, "the article in the Kansas Farmer by Mr. McNeal telling about meeting a landowner who had his tenant plant corn as an experiment. If more landlords were as considerate of their tenants there would not be so many farmers going bankrupt and so many banks closing their doors."

"I am one of many farmers who have had to give up and quit the farm. I worked hard and tried for 15 years to make a living on wheat, but this last year was the last straw. I could not hold my head above water any longer. I had a sale and sold everything I had but the proceeds of the sale did not put me out of debt. If I can have long enough time I hope to pay all of my indebtedness, but do not see how I can ever do so and live in town."

"I have tried to rent a farm with everything furnished on which to raise corn and stock, but can't do it. Every available acre must be kept in wheat. But farmers are leaving the farms by the dozen. Their wheat crop was a failure. They cannot get credit, so there is no other alternative. What the people are going to do this winter no one can see. A tenant cannot raise wheat at present prices for labor and only get 75 or 80 cents a bushel for two-thirds of the crop. I am for corn and stock raising and hope some time to see the land owners wake up."

The Bible in the Schools

AFRANKLIN county reader sends me a clipping giving an account of a meeting of some ministers and the appointment of a committee of ministers to work for the introduction of the Bible into the common schools. He asks my opinion about it. If one makes an honest comment on a matter of this kind he is likely to be misunderstood.

If the Bible could be read in the schools, not as a religious exercise but just as any other book might be read, I would see no objection. There is much fine literature in the Bible. As we have it there is much of it that is a model of good English. The historical books of the Old Testament seem to me to be mighty interesting and there are stories that will appeal to almost any boy.

In the New Testament the Gospels are interesting narratives, especially the Gospel of Luke.

In most of our large colleges and universities there are departments of religious literature where under competent instructors all the leading religions are studied and this is an interesting and instructive department.

I would object however to having the Bible taught in the schools as a religious exercise. I certainly would not wish it to be taught from the standpoint of Billy Sunday or William J. Bryan, or from the standpoint of any denomination whether it happens to be Catholic or Protestant.

The East Finally Begins to See

More Intelligent Interest in Farming Methods is Now Shown

MORE intelligent interest in farming methods is being taken by the people of the East these days. To a much greater extent than in any past era that I know anything about they are getting a real grasp of our big 70,000 million dollar industry, which employs a third of the American people. Or at least that is the impression I have gathered in the last six weeks, which were spent in such big cities as New York, Cleveland, Chicago, Boston and Washington, in the smaller towns and out on the farms. While on this trip I talked before many meetings of various kinds and including both city and country men and women.

Let's All be Americans Now

Naturally this feeling has delighted me very much. It is a most hopeful indication of a brighter future for American agriculture. A right attitude of friendly human understanding between all classes and sections is essential if we are to develop the great and satisfactory American life of the future which is just within our grasp. After all we are "just folks" here in this country, and we must look at things in this light. In the language of an old song of war times, "Let's all be Americans now." Such a brotherly feeling cannot fail to be of advantage to us all.

Of course our work will vary—this is essential in developing the great and complex economic and social structure which we call America. Some of us, perchance, must work in the coal and steel mines of the great industrial East. Others will labor in the factories, to make the things which provide better living conditions for all of us. Millions of men are needed in handling our huge transportation problems. Many hundreds of thousands of workers are required for the complex life of the cities, in the stores and offices. Others are employed out here in the great Middle West, on the farms, producing that most essential of all commodities, food, and laboring at tasks which in my judgment are the most helpful and satisfactory of all.

This is right, and as it should be. Now if you can get all of these folks employed at work in which they are trained properly, and then can develop a smooth running economic and social system which will give a square deal and exact justice for all, you have an ideal system. Under a well-oiled economic machine of this kind there would be no such thing as overproduction. If we could get a properly adjusted and balanced system of human effort the only possible result of increased production in the various lines would be a better standard of living for everyone. That is the ideal situation toward which we have been making rapid progress in the last 50 years, and we are going to approach it even closer in the coming days.

When in the course of business history, you find a turn of the wheel of Fate which throws the producers of any commodity off the vantage point of a fair return, and into a slough where they are engulfed by the waves of disaster, it is an evident sign that our economic machinery is not working properly. That is exactly what occurred to agriculture when the deflation storm broke. When a crash of this kind occurs, the thing to do is to gather the wreckage together in a courageous way, and build anew, keeping all the time, our faith in a brighter future which coming days will bring.

Farmers Trying to Build Anew

This is just what the men and women engaged in the business of farming have done. And much to my pleasure I find that this is being understood fairly well by at least a large proportion of Eastern folks—certainly far better than ever before. Of course there are exceptions. The dyspeptic individuals who control the editorial policies of the Wall Street Journal, for instance, still release large quantities of inflated atmosphere at frequent intervals. They view with alarm, and pessimism, and cast reflections on the mental processes of us who live west of the Mississippi River. And declare that Wall Street will cut off the flow of credit out into this territory. And other bunc of an impossible nature. . . . Some folks even in other lines of work are like that—I encountered a few of them on my trip.

But this is not true with the big majority, if the people I talked to are any indication. More than on any previous visit in the East I found a larger view of the serious situation with which agriculture has been and is confronted. There is gradually spreading into the minds of the people there a general understanding that the farming business was injured very seriously by the sledgehammer blow of deflation. We are not commonly regarded, any more, as reds, or anarchists, or as people who have suddenly gone mad in our economic thinking.

Instead the folks inquire about the relative price levels of agricultural products and of the things a producer must buy. There is more discussion of the transportation question, and of the effect of freight rates on the farmer's income. One is asked about over-production, and of the relationship of this to farm prices, especially with

wheat. In other words, the attitude with an increasingly large proportion of Eastern business men is one of intelligent interest and sympathy with the fix we are in, coupled with a desire to see agriculture find a way out.

Now I do not believe that this view is entirely unselfish with all the men I met. The business of many of the folks who depend largely on the rural trade has been injured very seriously. The manufacturers of farm machinery and fertilizers are two excellent illustrations. But anyhow the important place of the farm trade in the business of the country has been brought home to the Eastern folks with a bang, and this is something that should help. They quite logically are willing to do anything possible to get the farmer back to a normal purchasing power, and their help is welcome.

Agriculture Must Get Help

Agriculture is delighted to obtain all of the assistance it can line up to help pull the business out of the deflation swamp and onto firm ground. One thing is absolutely certain. Prices of farm products are still out of balance with all other prices. The farmer must get better prices for what he has to sell or pay less for what he buys. He cannot do a prosperous business on the present basis.

It pleases me very much to say that I had a delightful visit with President Coolidge, and a discussion of the farm situation. I feel that agriculture has a real friend in the President, who has an



understanding of rural problems far above the average. His father is a farmer, and so are most of his other relatives. The President understands just what has happened in the last three years to this greatest national business, and has a keen appreciation of the importance of bringing price levels back into a normal adjustment just as quickly as possible. Especially did he inquire concerning conditions in the leading wheat sections. It is evident the President has kept closely in touch with the low price situation which has developed with farm products, and the effect that this has had on producers. And so I believe agriculture will get intelligent consideration from the White House.

So far as the coming session of Congress goes, I look for some real relief from the burdensome freight rates which hang like a millstone around the farming business. Congress probably will consider this matter very early in its session. Important amendments to the Transportation act, including a repeal of Section 15-a and the so-called guarantee and recapture clause, should be made. The railroads are today doing a larger volume of business at a higher level of rates than ever before. Nobody is fighting the railroads. We want them to prosper, but the time has arrived when some reduction in rates is certainly in order. These can be

obtained if all agricultural forces will pull together in the right way.

Along with this will come a further study of the co-operative marketing of farm products. All admit that the spread between producer and consumer is entirely too great. There is no excuse for 80-cent wheat when the consumer pays 10 cents for bread. Most of even the "hard-boiled" opponents of this movement are now coming into line, and I look for further legislation which will make things easier for the co-operatives. And in the meantime the movement is spreading rapidly, and I feel is making substantial progress. I look for a real development of co-operative commodity marketing one of these days in the wheat country, and the organization of one big agency which will handle the larger part of the crop.

Of course such progress must come from the united efforts of the growers themselves. And this is true with much of the work which will be done from now on to improve the agricultural situation. I never have said that Congress can cure all the ills of the farmer. Legislation cannot overturn economic laws. But agriculture is in as great need of fighting friends at Washington today as it ever has been. The situation is improving steadily, but many farmers, especially Western wheat growers, are still in a bad way, and must have all the help that can be given them along sound and practical lines.

Diversified Farming is Assured

Along with the further development of co-operative marketing will come the growth of more nearly balanced systems of production, and especially of diversified farming. In intelligent individual and group action lies much of the further way out to the brighter fields of a fair return.

Another thing I believe Congress can do to help farming will be the development of some agency which will supply a greater service along marketing lines than is now being given. Perhaps this will be a revival of the U. S. Grain corporation, or an extension of the work of the Bureau of Markets, or maybe it may mean the building of a new federal marketing agency. Anyhow it appeals to me that a more aggressive effort by the Government can and must be put forth in finding buyers both abroad and at home for our surplus and other crops. It is not more credit the farmer wants but a chance to sell the product of his labor at a fair price.

And let me say, also, that it is the home market I have most in mind. For some time now I have been developing an increasing belief in the future of the industrial life of America, and my recent trip has strengthened this idea. It is organized today on the most efficient basis the world has ever seen. In any land, and it is making steady progress all the time. Its markets are expanding, both abroad and at home. It has made our wonderful and complex life of today possible.

With this growth which the industrial structure will make it will require more and more workers. The proportion of farmers in our total population will continue to decline. This creates a political danger, certainly, but along with this develops an even greater market for our produce. The prosperous, well-paid city worker always is a liberal buyer of food. And the higher his wages the better the quality he will buy.

It is in this direction rather than in the foreign demand, that the big and satisfactory future markets for the food from our farms will be found. The more I see of Europe, and the gang of alleged statesmen who control it, the less confidence I have in the outlook abroad. There are too many uncovered powder kegs standing around, and the folks over there are very careless with matches. Not only that, but the agriculture of Europe is about the only line of business which is showing any indications of industry. Very likely the revival of the industrial life there will come slowly, thus automatically diverting still more of the workers to the soil. I look for the time, a few years from now, when America will be selling very little food to Europe, except in a time of crisis such as when war breaks forth, in which case it would stimulate the demand for a time.

Home Requirements Offer Hope

But in the home requirement there is hope. It can be developed much larger, into a certain, real and definite demand on which we can depend. The agricultural production of the future must be adjusted to supply this market in the most profitable way.

I can see no reason why our future American life cannot be built with both a highly prosperous agricultural and industrial life. Certainly that is the ideal. It is one which can be achieved if our economic reasoning is sound. And it is an encouraging item in this movement to find that the Eastern folks are taking up a serious study of agricultural problems in a way they have never been done before. This should mean much for the progress of the future. We don't care to have sectionalism and destructive class consciousness in the United States. Instead we must have a big, broad-gauged vision of our duty as Americans, first, last and all the time.

Arthur Capper

News of the World in Pictures



The Seven U. S. Navy Destroyers That Were Wrecked at Point Honda, Calif., With the Loss of More Than a Score of Lives; a Part of the Wreck of the S. S., Santa Rosa, Lost on the Rocks 12 Years Ago, is Also Shown



Grand Duke Cyril of Russia Who It is Said is Desirous of Taking the Place of His Late Cousin, Nicholas II, As Czar of All Russias



Dynamiting an Apartment House in Berkeley, Calif., in an Effort to Check the Wave of Flame That Recently Swept Over California's Fine University City



Hogs on Alfalfa Pasture; These Animals Are Making Good Gains on a Rather Light Corn Ration Fed Them With the Alfalfa



Record Harvard Grid Squad Out For First Day's Tryout at Practice With Tommy Woods, a Recent Star in Line Play



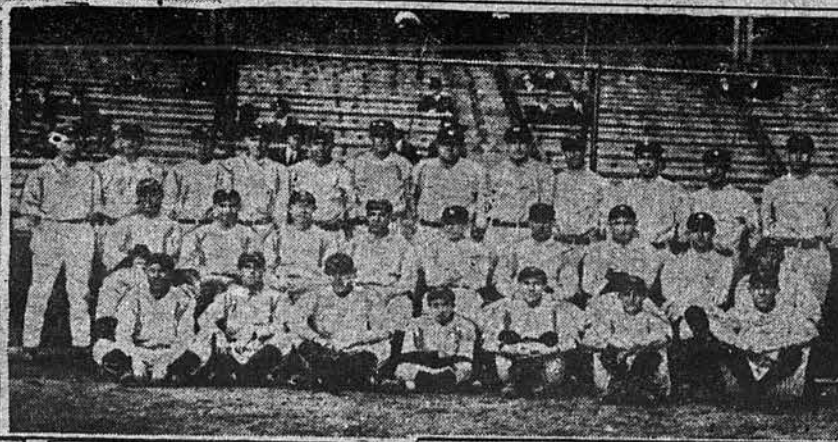
Alain J. Gerbault, War Aviator, Tennis Star, Crosses Ocean Alone in 30 Foot Sailboat, From Gibraltar to New York City, in 142 Days



Mabel Strickland, World's Champion Cow-girl, Trying Out One of the Range's Roughest Man-killing Mounts



Scenes at the Island of Corfu; Upper Photo Shows Boats With Italian Infantry Going Ashore; at the Bottom Are Italian War Vessels and Transports



Below is District of Columbia Girls' Rifle Team Holding the Girls' Rifle Championship of the United States



A Field of Kafir in Ellis County, Kansas; This Drouth Resistant Crop Seldom Makes a Complete Failure



Thousands of Devout Catholics From All Over the United States As Well As Canada Attended the Recent Eucharistic Congress That Was Held in Quebec



Free Grinding Bees Facilitate Plan to Feed Low Priced Wheat to Livestock; This Scene is at Parsons, Kan., Where Feed Grinders Run by Tractors Converted 76-Cent Wheat Into Stock Feed Worth \$1 a Bushel



Another Big Show for Wichita

The International Wheat Exposition Put Over Its Most Successful Display, Thanks to the Hard Work of Its Efficient Officers

By E. B. Nichols

A BIG vision of service carried the International Wheat and Farm Products Exposition held at Wichita from September 24 to October 6 of this year to the greatest success it ever has had. It was a tremendous demonstration of the agricultural greatness of the Southwest. With the huge exhibits of crops were displays indicating the sound methods of most efficient production, the whole making an educational show of a superlative character, so far as its effect on future farming methods was concerned.

Fruit of Outstanding Quality

It was a well balanced show. The exhibits of wheat and the other grains were naturally outstanding features, and so were the general county displays, and the truck crops. In the horticultural section "the fruit was by far the best quality shown at Wichita in the last 16 years, at least," quoting Albert Dickens of Manhattan, professor of horticulture in the Kansas State Agricultural College, the judge. The honey show was the largest ever seen in any agricultural display in Kansas.

Naturally the county exhibits came in for a big share of the attention of the visitors. All of these displays were good and the policy of the management was to allow ample space for such exhibits, which gave the men in charge considerable advantage when it came

to making a pleasing arrangement. The Clark county booth, as one would expect, played up the grain sorghums and wheat. A chart called attention to the results obtained this year in a wheat variety test on the farm of J. J. of 23 bushels of wheat to the acre this year is not so bad. On the farms of Chester Young, Logan Johnson, Mike Pifer and G. L. Coates all of Clark county, the average yield of summer fallowed wheat was 29.5 bushels, as

Where Skill in Management Paid

MUCH of the credit for the outstanding success of the International Wheat Show this year must be given to the management. By the use of every ounce of brains and pep and vision it had, and fighting against the odds of a rather unfavorable year, the officers carried the show forward to the greatest success Wichita ever has seen. These men ought to be mighty proud of the record they have made. Special credit should be given to Hugh McVey, president; Horace S. Ensign, manager; and to W. D. McComas, the director in charge of agriculture and horticulture. It is their good luck that they were backed up by folks of the high type of M. F. Mulconery, S. Wilbur Cooper, C. H. Montgomery, W. E. Holmes, A. W. Hinkel, R. B. Campbell, Harry Davis, O. C. Mathess, Dr. Otis E. Gray, R. S. Meeker, and J. F. Tilford.

Dunkham of Ashland, with yields of 23.07 bushels an acre from Blackhull, 19.06 from Kanred, 15.92 from Fulcaster, 15.83 from Kharkof and 14.14 from Turkey. We might remark, casually, in passing, that an average yield compared with 16 bushels on these same farms on land which was not fallowed. As usual the Allen county booth got over well with the crowds. This was in charge of James A. Milham of Iola,

county farm agent of Allen county. A feature was an insignia made from grains, which probably was the cleverest thing of its kind at the show. The main part of the display called attention to the excellent possibilities for diversified farming in Allen. The exhibit of soybeans, a crop in which the farmers there have taken a great interest—they produced about 18,000 acres in 1923—was a feature. The Sable is the most popular variety.

Diversified Farming That Paid

Most of the other county exhibits played up the diversified farming idea, too, the best it has ever been done in Kansas, and so did the huge exhibit of the work of the Kansas State Agricultural College. Special emphasis was placed on the comparison of a well diversified farm in Central Kansas with an ordinary grain farm. The diversified farm had 22 cattle, 26 hogs, 165 hens, four young horses and eight work horses. Its crops were, corn, 40 acres; alfalfa, 45; oats, 50; Sudan grass, 6; orchard, 4; rye, 8; wheat, 130; and pasture, 22. It had livestock and feed crops to furnish employment, keep up fertility and permit more economical production. The yield of wheat was 16 bushels; oats, 32; and corn 16, and each horse worked 3.4 hours a day as compared with 2.1 hours on the grain (For continuation Please See Page 18)

Has Pork Plant in Wheat Belt

Western Kansas Farmer Lets Tenant Raise Bread Crop While He Devotes His Attention Almost Exclusively to Spring Crops and Hogs

By J. C. Burleton

HE WAS a slight little man with a ready smile, and his face wore none of that haunted expression that a man in Western Kansas acquires in hoping against the weather that he will have a wheat crop. He was conversing with H. R. Summer, crops specialist for Kansas State Agricultural College, who introduced the seeker after the unusual among farmers in that section. In the course of the three cornered discussion which followed, J. G. Byer's slight concern about the wheat crop was brought out in a forcible manner.

You can stand on the station platform at Ingalls and see miles and miles of wheat land. In normal years, that is when the crop succeeds, the wide stretches of grain billow in the wind like an ocean. This year, however, there was a sea of weeds. Nearly everybody in that section grows wheat, or tries, to do so. Somehow there is an impression, which amounts to a tradition, that this country was designed by the Creator for wheat growing. A few years back another class thought it was meant for cattle, great herds of them. And it's true that the country would be better off if much more of the land had been kept in pasture. But cattle raising as it was practiced there years ago passed just as wheat growing is due to pass, because the methods practiced were not consistent with safety and rational farm methods.

Lets Renters Do the Worrying

Naturally in a section like that, a man is almost forced to grow wheat, both because it is a good wheat country and because nearly everybody desires to do it. Altho Byer can't avoid wheat growing, he gets as far away from it as possible. He had 2,080 acres of land in Gray, Wichita and Edwards counties. Most of the wheat land he rents out and lets the tenants worry over the failures, harvest labor, grain gamblers and things like that.

Byer is a hog raiser. Sixteen years ago he established his pork making plant right in the heart of the wheat belt. He is growing hogs and making them fat in a territory which is generally considered as foreign to the porker's requirements as can be. He has succeeded because he grows crops

on which to feed them. At present he is maintaining 20 brood sows which provide about two carloads of market hogs a year. The litters come in April and September. They reach 200 to 225 pounds, handy market weights, in nine to 10 months.

He carries spring pigs on pasture, usually cane, and fattens them out in the fall on new grain of his own rais-

ing. Byer says there is a great opportunity for farmers in Western Kansas to grow stocker and feeder pigs, but he fattens his to get rid of the grain he raises. The pigs receive corn and a slop of ground rye or kafir. He has grade Poland China sows and uses a purebred boar for producing his feeders.

"I used to raise Herefords," said

Byer, "and market the steers as stockers, but I found that hogs were more profitable. The land I have is adapted to growing grains on which I can fatten the hogs, and I believe that they will give better returns for it than the beef cattle. Difficulty of maintaining pasture was another trouble I had in raising cattle, altho I did get around that to a certain extent by sowing rye. But it does not take so much pasture for hogs and I can grow plenty of crops for them, but not many which are suited to pasturing cattle. Furthermore when the hogs have gone thru one season of pasture they are ready to be fitted for market. The season of cultivated pasture is scarcely long enough to develop cattle."

Byer grows about 500 acres of spring crops. He practices what he calls "mixed farming." Corn, kafir, milo and cane are the principal crops. Much of the land is sandy, which in that region is adapted to corn growing. However if it is farmed to row crops continuously it will become loose and will drift a great deal. Byer avoids this trouble by planting rye or some stubble crop on the land occasionally.

Makes His Profits on Livestock

"Cattle and hogs have enabled me to accumulate this land," Byer continued. "I couldn't have done it in wheat farming. Some of the big land holders are able to make money by single cropping to wheat, but they have resources enough to carry them over the years of failure. The average man hasn't. He would be much better off if he devoted a third or more of his land to spring crops and kept some livestock to consume that feed. We can grow a world of grain sorghums here and they make mighty good stock feed."

"I grow as little wheat as possible. Last fall I planted 150 acres. If a fellow wished to grow more in proportion to his farm land, I believe he could safely do so. Then when he had a good year he would make money on the wheat. If he kept some stock and grew feed for it, he would have a living aside from the wheat and he would not be so hard up when it failed. Personally, I do not care to grow any more wheat, because I have enough to do growing feed crops for my hogs."

These Bears Like Children

ANOTHER advantage of living on the farm is that a fellow can keep bears for playthings if he cares to do so. That's what William Kiser, who lives near Woodruff, Kan., in Phillips county, does for the amusement of the family and neighbors' kids. He has a couple of black bears, Pauline and Gus, which are 2 and 3 years old respectively. They were taken in Washington near the Canadian border while Mr. Kiser was hunting. They were so small at the time of capture that they could be held in one hand.

Gus and Pauline are very much in favor of children, because the youngsters feed them candy. They know where the Kiser pantry is and when no one is looking search it for sweet things. They are fed stale bread, milk and vegetables from the garden. In the wild state, Mr. Kiser says black bears eat berries, roots, honey and ants. They don't care for meat.

They are provided with a pen which contains a tree for climbing purposes. A person can start a wrestling match on short notice with either or both of them. Kiser says he has lots of fun with them, but they make life miserable for little pigs, with which they amuse themselves when there is nothing else to do. They have a tank of water in the pen and a cave to which they retreat in cold weather.

Kiser has been in Phillips county, where he operates 880 acres of land, for 24 years. He goes west every few years to hunt and fish. He planned another trip this fall. He is a taxidermist as well as a farmer and has a large number of mounted specimens. He has two black bear rugs and several sets of deer horns, trophies of his hunting expeditions.



William Kiser, Phillips County Farmer, With His Pet Bears, Pauline and Gus

The Adventures of the Hoovers

If the Medicine Man's Dope Will Do That for a Rat, Buddy Thinks He Has a Chance to Whip the Hired Man, Provided He Can Find Another Bottle



The Cross-Cut—By Courtney Ryley Cooper

A Story of a Fight of Real Men for Wealth in the Silver Mines of Colorado

(Copyrighted)

FOLLOWING the death of his father, young Robert Fairchild learns thru certain legal papers, and Henry Beamish, an attorney in St. Louis, Mo., that he is the only heir to the Blue Poppy silver mine located at Ohadi, in Central Colorado.

Two weeks later he was on his way to Denver and after an adventurous cross-country trip finally reached his destination and took up his abode at Mother Howard's boarding house.

There he was joined by Harry Harkins, an old time miner and friend of his father's, who helped him to establish his claim to the Blue Poppy mine, and told him about the efforts of Squint Rodaine to get possession of this valuable property.

Later Fairchild attended a dance at the solicitation of Anita Richmond, a young lady, to whom Rodaine's son was very much attached.

In the midst of the dance a bandit held up and robbed the entire crowd and Harry Harkins was accused of the deed, but Fairchild insisted that this was impossible as Harkins didn't have a horse on which to make the trip unless he hired one.

Even Harry Was Surprised

As if in answer, the sheriff turned and shouted a question down the mountain side. And back came the answer: "It's Doc Mason's. Must have been stolen. Doc was at the dance."

"I guess that settles it." The officer reached for his hip pocket. "Stick out your hands, Harry, while I put the cuffs on them."

"But 'ow in bloody 'ell 'ave I been doing anything when I've been up 'ere working on this chiv wheel? 'Ow—?"

"They say you held up the dance to-night and robbed us," Fairchild cut in. Harry's face lost its surprised look, to give way to a glance of keen questioning.

"And do you say it?"

"I most certainly do not. The identification was given by that honorable person known as Mr. Maurice Rodaine."

"Oh! One thief identifying another—"

"Just cut your remarks along those lines."

"Sheriff!" Again the voice from below.

"Yeh!"

"We've found a cache down here. Must have been made in a hurry—two new revolvers, bullets, a mask, a couple of new handkerchiefs and the money."

Harry's eyes grew wide. Then he stuck out his hands.

"The evidence certainly is piling up!" he grunted. "I might as well save my talking for later."

"That's a good idea." The sheriff snapped the handcuffs into place. Then Fairchild shut off the pumps and they started toward the machine. Back in Ohadi more news awaited them. Harry, if Harry had been the highwayman,

had gone to no expense for his outfit. The combined general store and hardware emporium of Gregg Brothers had been robbed of the articles necessary for a disguise—also the revolvers and their bullets. Robert Fairchild watched Harry placed in the solitary cell of the county jail with a spirit that could not respond to the Cornishman's grin and his assurances that morning would bring a righting of affairs.

Four charges hung heavy above him: that of horse-stealing, of burglary, of highway robbery, and worse, the final one of assault with attempt to kill. Fairchild turned wearily away; he could not find the optimism to join Harry's cheerful announcement that it would be "all right." The appearances were otherwise. Besides, up in the little hospital on the hill, Fairchild had seen lights gleaming as he entered the jail, and he knew that doctors were working there over the wounded body of the fiddler. Tired, heavy at heart, his earlier conquest of the night sodden and overshadowed now, he turned away from the cell and its optimistic occupant—out into the night.

It was only a short walk to the hospital and Fairchild went there, to leave with at least a ray of hope. The probing operation had been completed; the fiddler would live, and at least the charge against Harry would not be one

of murder. That was a thing for which to be thankful; but there was plenty to cause consternation, as Fairchild walked slowly down the dark, winding street toward the main thoroughfare. Without Harry, Fairchild now felt himself lost. Before the big, genial, eccentric Cornishman had come into his life, he had believed, with some sort of divine ignorance, that he could carry out his ambitions by himself, with no knowledge of the technical details necessary to mining, with no previous history of the Blue Poppy to guide him, and with no help against the enemies who seemed everywhere. Now he saw that it was impossible. More, the incidents of the night showed how swiftly those enemies were working, how sharp and still-like their weapons.

That Harry was innocent was certain—to Robert Fairchild. There was quite a difference between a joke which a whole town recognized as such and a deliberate robbery which threatened the life of at least one man. Fairchild knew in his heart that Harry was not built along those lines.

Fate Had Been Unkind

Looking back over it now, Fairchild could see how easily Fate had played into the hands of the Rodaines, if the Rodaines had not possessed a deeper concern than merely to seize upon a happening and turn it to their own account. The highwayman was big. The highwayman talked with a "Cousin-Jack" accent—all Cornishmen are "Cousin Jacks" in the mining country. Those two features in themselves, Fair-

child thought, as he stumbled along in the darkness, were sufficient to start the scheming plot in the brain of Maurice Rodaine, already ugly and evil thru the trick played by Harry on his father and the rebuke that had come from Anita Richmond. It was an easy matter for him to get the inspiration, leap out of the window, and then wait until the robber had gone, that he might flare forth with his accusation. And after that—

Either Chance, or something stronger, had done the rest. The finding of the stolen horse and the carelessly made cache near the mouth of the Blue Poppy mine would be sufficient in the eyes of any jury. The evidence was both direct, and circumstantial. To Fairchild's mind, there was small chance for escape by Harry, once his case went to trial. Nor did the pounding insistence of intuitive knowledge that the whole thing had been a deliberately staged plot on the part of the Rodaines, father and son, make the slightest difference in Fairchild's estimation. How could he prove it? By personal animosity? There was the whole town of Ohadi to testify that the highwayman was a big man, of the build of Harry, and that he spoke with a Cornish accent. There were the sworn members of the posse to show that they, without guidance, had discovered the horse and the cache—and the Rodaines were nowhere about to help them. And experience already had told Fairchild that the Rodaines, by a deliberately constructed system, held a ruling power; that against their word, his would be as nothing. Besides, where would be Harry's alibi? He had none; he had been at the mine, alone. There was no one to testify for him, not even Fairchild.

The world was far from bright. Down the dark street the man wandered, his hands sunk deep in his pockets, his head low between his shoulders—only to suddenly galvanize into intensity, and to stop short that he might hear again the voice which had come to him. At one side was a big house, a house whose occupants he knew instinctively, for he had seen the shadow of a woman, hands outstretched, as she passed the light-strewn shade of a window on the second floor. More, he had heard her voice, supplemented by gruffer tones. And then it came again. It was pleading, and at the same time angered with the passion of a person approaching hysteria. A barking sentence answered her, something that Fairchild could not understand. He left the old board sidewalk and crept to the porch that he might hear the better. Then every nerve within him jangled, and the black of the darkness changed to red. The Rodaines were within; he had heard first the cold voice of the father, then the rasping tones of the son, in upbraiding. More, there had come the sobbing of a woman; instinctively Fairchild knew that it was Anita Richmond. And then:

Out Went the Rodaines

It was her voice, high, screaming. Hysteria had come, the wild, racking hysteria of a person driven to the breaking point.

"Leave this house—hear me! Leave this house! Can't you see that you're killing him? Don't you dare touch me—leave this house! No—I won't be quiet—I won't—you're killing him, I tell you—!"

And Fairchild waited for nothing more. A lunge, and he was on the veranda. One more spring and he had reached the door, to find it unlocked, to throw it wide and to leap into the hall. Great steps, and he had cleared the stairs to the second floor.

A scream came from a doorway before him; dimly, as thru a red screen, Fairchild saw the frightened face of Anita Richmond, and on the landing, fronting him angrily, stood the two Rodaines. For a moment, Fairchild disregarded them and turned to the sobbing, disheveled little being in the doorway.

"What's happened?"

"They were threatening me—and father!" she moaned. "But you shouldn't have come in—you shouldn't have—"

"I heard you scream. I couldn't help it. I heard you say they were killing your father—"

The girl looked anxiously toward an inner room, where Fairchild could see faintly the still figure of a man outlined under the covers of an old-fashioned four-poster.

"They—they got him excited. He had another stroke. I—I couldn't stand it any longer."

"You'd better get out," said Fairchild curtly to the Rodaines, with a suggestive motion toward the stairs. They hesitated a moment and Maurice seemed about to launch himself at Robert, but his father laid a restraining hand on his arm. A step and the elder Rodaine hesitated.

"I'm only going because of your father," he said gruffly, with a glance toward Anita.

A Whispered "Forgive Me"

Fairchild knew differently, but he said nothing. The gray of Rodaine's countenance told where his courage lay; it was yellow gray, the dirty gray of a man who fights from cover, and from cover only.

"Oh, I know," Anita said. "It's—it's all right. I—I'm sorry. I—didn't realize that I was screaming—please forgive me—and go, won't you? It means my father's life now."

"That's the only reason I am going; I'm not going because—"

"Oh, I know, Mr. Fairchild shouldn't have come in here. He shouldn't have done it. I'm sorry—please go."

Down the steps they went, the older man with his hand still on his son's arm; while, white-faced, Fairchild awaited Anita, who had suddenly sped past him into the sick room, then was wearily returning.

"Can I help you?" he asked at last.

"Yes," came her rather cold answer, only to be followed by a quickly whispered "Forgive me." And then the tones became louder—so that they could be heard at the bottom of the stairs: "You can help me greatly—simply by going and not creating any more of a disturbance."

"But—"

"Please go," came the direct answer. "And please do not vent your spite on Mr. Rodaine and his son. I'm sure that they will act like gentlemen if you will. You shouldn't have rushed in here."

"I heard you screaming, Miss Richmond."

"I know," came her answer, as icily as ever. Then the door downstairs closed and the sound of steps came on the veranda. She leaned close to him. "I had to say that," came her whispered words. "Please don't try to understand anything I do in the future. Just go—please!"

And Fairchild obeyed.

The Rodaines were on the sidewalk when Fairchild came forth from the Richmond home, and true to his instructions from the frightened girl, he

brushed past them swiftly and went on down the street, not turning at the muttered invectives which came from the crooked lips of the older man, not seeming even to notice their presence as he hurried on toward Mother Howard's boarding house. Whether Fate had played with him or against him, he did not know, nor could he summon the brain power to think. Happenings had come too thickly in the last few hours for him to differentiate calmly; everything depended on what course the Rodaines might care to pursue. If theirs was to be a campaign of destruction, without a care whom it might involve, Fairchild could see easily that he too might soon be juggled into occupying the cell with Harry in the county jail. Wearily he turned the corner to the main street and made his plodding way along it, his shoulders drooping, his brain fagged from the flaring heat of anger and the strain that the events of the night had put upon it. In his creaky bed in the old boarding house, he again sought to think, but in vain. He could only lie awake and stare into the darkness about him, while thru his mind ran a muddled conglomeration of foreboding, waking dreams, revamps of the happenings of the last three weeks, memories which brought him nothing save sleeplessness and the knowledge that, so far, he fought a losing fight.

Lawyer Farrell Arrives

After hours, daylight began to streak the sky. Fairchild, dull, worn by excitement and fatigue, strove to rise, then laid his head on the pillow for just a moment of rest. And with that perversity which extreme weariness so often exerts, his eyes closed, and he slept—to wake at last with the realization that it was late morning, and that someone was pounding on the door. Fairchild raised his head.

"Is that you, Mother Howard? I'm getting up, right away."

A slight chuckle answered him. "But this isn't Mother Howard. May I see you a moment?"

"Who is it?"

"No one you know—yet. I've come to talk to you about your partner. May I come in?"

"Yes," Fairchild was fully alive now to the activities that the day held before him. The door opened, and a young man, alert, almost cocky in manner, with black, snappy eyes showing behind horn-rimmed glasses, entered and reached for the sole chair that the room contained.

"My name's Farrell," he announced. "Randolph P. Farrell. And to make a long story short, I'm your lawyer."

"My lawyer?" Fairchild stared. "I haven't any lawyer in Ohadi. The only—"

"That doesn't alter the fact. I'm your lawyer and I'm at your service. And I don't mind telling you that it's just about my first case. Otherwise, I don't guess I'd have gotten it."

"Why not?" The frankness had driven other queries from Fairchild's mind. Farrell, the attorney, grinned cheerily.

"Because I understand it concerns the Rodaines. Nobody but a fool out of college cares to buck up against them. Besides, nearly everybody has a little money stuck into their enterprises. And seeing I have no money at all, I'm not financially interested. And not being interested, I'm wholly just, fair and willing to fight 'em to a standstill. Now what's the trouble? Your partner's in jail, as I understand it. Guilty or not guilty?"

The Message of Faith

"Wa—wait a minute!" The breeziness of the man had brought Fairchild to more wakefulness and to a certain amount of cheer. "Who hired you?" Then with a sudden inspiration: "Mother Howard didn't go and do this?"

"Mother Howard? You mean the woman who runs the boarding house? Not at all."

"But—"

"I'm not exactly at liberty to state." Suspicion began to assert itself. The smile of comradeship that the other man's manner instilled faded suddenly. "Under those conditions, I don't believe—"

"Don't say it! Don't get started along those lines. I know what you're thinking. Knew that was what would happen from the start. And against the wishes of the person who hired me for this work, I—well, I brought the evidence. I might as well show it now as try to put over this secret stuff and lose a lot of time doing it. Here, take a glimpse and then throw it away, tear it up, swallow it, or do anything you want to with it, just so nobody else sees it. Ready? Look."

He drew forth a small visiting card. Fairchild glanced. Then he looked—and then he sat up straight in bed. For before him were the engraved words:

Miss Anita Natalie Richmond
While across the card was hastily written, in a hand distinctively feminine:

Mr. Fairchild: This is my good friend. He will help you. There is no fee attached. Please destroy.

Anita Richmond.
"Bu—but I don't understand."

"You know Miss—er—the writer of this card don't you?"

"But why should she—?"

Mr. Farrell, barrister-at-law, grinned broadly.

"I see you don't know Miss—the writer of this card at all. That's her nature. Besides—well, I have a habit of making long stories short. All she's got to do with me is crook her finger and I'll jump thru. I'm—none of your business. But, anyway, here I am—"

Fairchild could not restrain a laugh. There was something about the man, about his nervous, yet boyish way of speaking, about his enthusiasm, that wiped out suspicion and invited confidence. The owner of the Blue Poppy mine leaned forward.

"But you didn't finish your sentence about—the writer of that card."

"You mean—oh—well, there's nothing to that. I'm in love with her. Been in love with her since I've been knee-high to a duck. So're you. So's every other human being that thinks he's a regular man. So's Maurice Rodaine. Don't know about the rest of you—but I haven't got a chance. Don't even think of it any more—look on it as a necessary affliction, like wearing winter woollens and that sort of thing. Don't let it bother you. The problem right now is to get your partner out of jail. How much money have you got?"

"Only a little more than two thousand."

What is the Blue Poppy Worth?

"Not enough. There'll be bonds on four charges. At the least, they'll be around a thousand dollars apiece. Probabilities are that they'll run around ten thousand for the bunch. How about the Blue Poppy?"

Fairchild shrugged his shoulders. "I don't know what it's worth."

"Neither do I. Neither does the"

(Continued on Page 19)

Saving Money by Planning Right

I COULD have saved \$200 on my barn if I had started right," said a farmer from Central Kansas, who had dropped into the office for a visit. We asked him for further details. "My plans were not complete when I started," he continued, "I had to change them twice, at a great loss of material and time. 'Believe thou me' I'll know what I am driving at the next time I build anything."

His experience made us wonder if there were not other farmers who are about to build a barn who are in the same fix. We decided that probably there were. So we made arrangements for supplying them with the best book of barn plans we could find. We believe it is just what you are looking for if you expect to build a barn one of these days, as it includes the plans all the way from little structures 24 feet wide up to huge affairs. It probably would save you as much or more than our Central Kansas friend wasted. This book of Modern Barns sells for \$1 postpaid; please address Book Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.

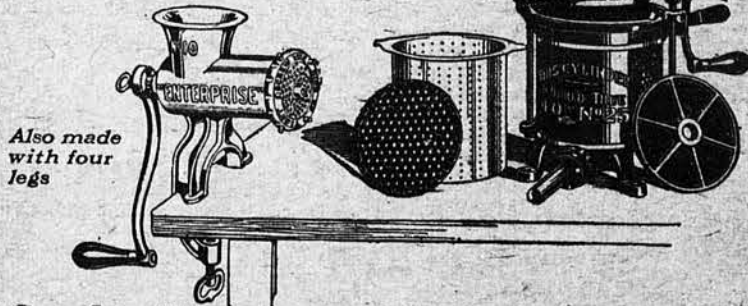


Why hogs are cheap— and how you can get high prices for yours

THE HOG CROP is the largest in years—too large by 7,000,000 hogs, the Government says. But that need not worry you. Just turn your hogs into sausage, lard and other pork products, and you will make real money!

"Demand for farm pork products is greater than the supply, with prices 5 to 10 cents a pound higher than packers' prices," says the Dept. of Agriculture.

Use "Enterprise." Make \$10 to \$15 extra on every hog!



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Colorado Farm News

This Year Colorado Had Many Exhibits of Livestock That Were Prize Winners

BY E. J. LEONARD

THAT Colorado is fast becoming a producer of prize winning purebred stock is becoming a more firmly established fact by the ribbons brought home from state fairs this year. Several Colorado breeders successfully exhibited against the best shown in the state and district fairs in Ohio, Indiana, Iowa, Kansas, Nebraska and Wyoming. A few years ago Colorado breeders went East to get a high quality of breeding stock. After these years spent in improving their herds, a better day will soon dawn now for the breeders of purebred herds. Wide awake Eastern stockmen are soon to be coming West for descendants of Colorado prize winners with which to build up their herds.

To Learn Sugar Beet Costs

After a preliminary survey made several months ago, the United States Tariff Commission announced a "comprehensive" investigation to learn the cost of producing sugar beets in the United States. Records will be taken from 2,000 farms in Colorado, Utah, Michigan, Nebraska and other beet producing states. The commission making this inquiry say that it will be a fact-gathering proposition and do not announce the reason for the investigation nor what use they will make of the data obtained. Two crews of 12 or 14 specialists will soon be sent out.

Another Tariff Angle

The tariff game is being learned in other countries. The fruit growers of the Niagara district in Southern Canada are asking for a higher tariff on fruits shipped from the United States. Growers in Colorado and other states where there is not a big fruit surplus will be interested in watching the development of this attempt to close their market among our Northern neighbors.

A Fine Farm Record

According to reports Lu Morrison is the owner of a little city farm along the Happy Canon road near Denver. He says he produced 385 bushels of corn from 2 1/2 acres, his plum trees are loaded with so much fruit that the

reporter's imagination broke down trying to find words to describe the sight. And his crop of strawberries was the best ever known. This is pretty early in the season for the corn story but he did not say how many years it took to obtain that yield.

Must Make 10 Miles an Hour

There is a Colorado statute requiring railroad companies to transport livestock not less than 10 miles an hour. A farmer at Berthoud, 54 miles north of Denver, filed a suit for damages on two cars of sheep shipped to Denver, in which it took 18 hours to make the trip. The railroad attorneys attempted to head off a trial on the ground that the law is not constitutional. The judge before whom this was taken has decided that the law is to be upheld. The case will now go to trial on the merits of the case.

Makes Hay Pay Bigger Profits

(Continued from Page 3)

a crop of alfalfa and have another coming on in a few weeks. If he loses a wheat crop, he is thru until next year and there is not much chance of making anything on the land unless the wheat fails early enough to plant spring crops.

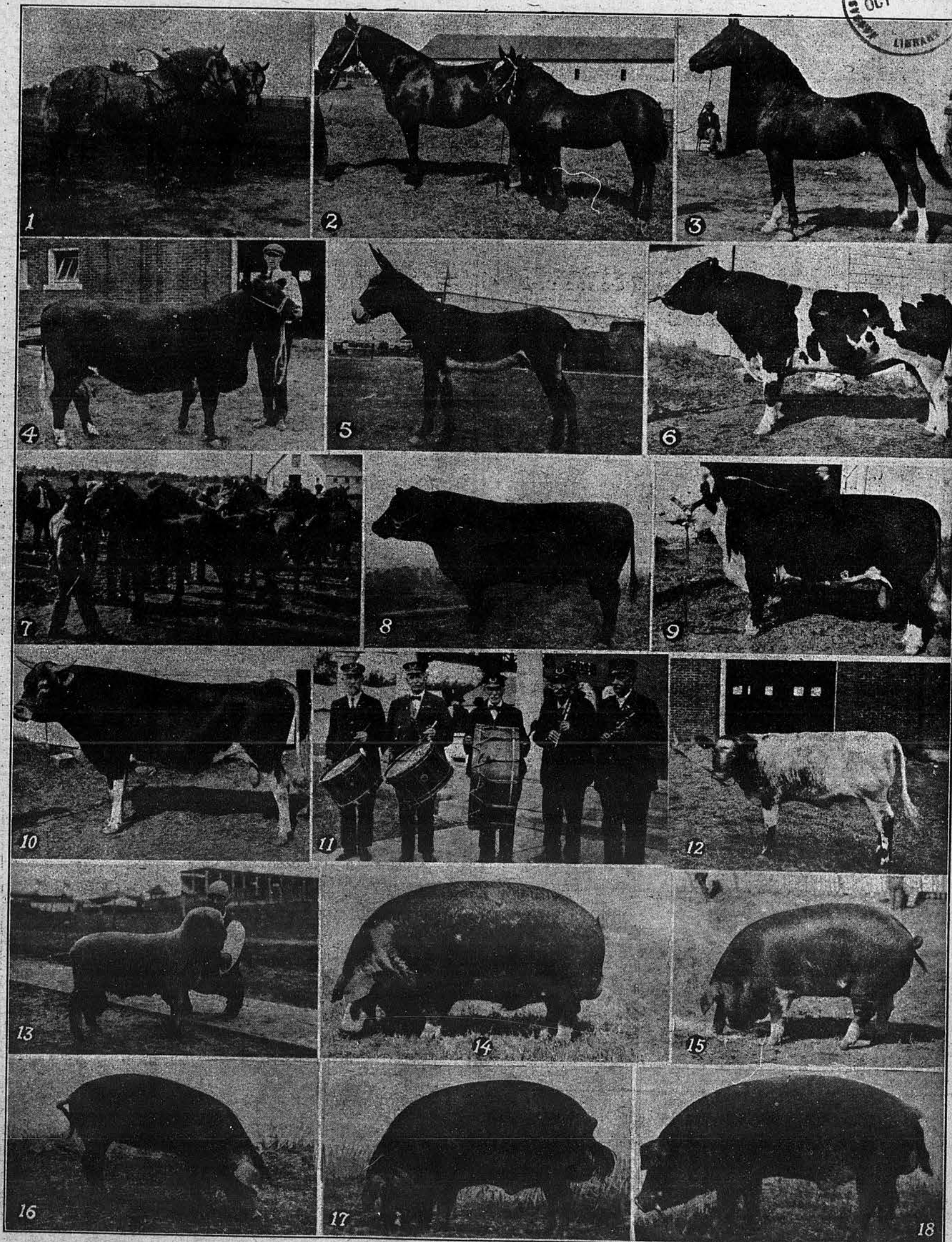
There's another advantage in hay farming for the tenant. The land owner pays his half of the baling. If the alfalfa is baled in the field, he takes the hay from the windrow, you might say. That saves him the expense of stacking the landowner's half. With a grain crop the tenant must bin the owner's share.

Marketing direct from the baler has an additional advantage in that the farmer is relieved of risk. Stacked hay is not saved and may deteriorate by heating or molding from wet weather. There is an additional risk from fire, which may be avoided to some extent by insurance, but that adds to the cost. Brown says that altho hay usually is a little higher in the winter, he prefers to market direct from the field because the extra weight makes up in part at least for the lower price.



A Bald Fact That Can't Be Overlooked

Among the Good Ones at Hutchinson



1—Percheron Team, D. F. McAllister, Shawnee County. 2—Alma and Julian, Percheron Second Prize Mare and Foal, W. E. Dustin & Son, Shawnee County. 3—Linsley, Morgan Champion Stallion, U. S. Army, Elmer Brown, Lessee, Harvey County. 4—Shorthorn First Prize "Wet" Cow, J. C. Robison, Butler County. 5—Great Western, Champion Jack, H. T. Hineman & Son, Lane County. 6—Avoca Lodge King Johanna, Holstein Second Prize Yearling Bull, Arkansas Valley S. B. & L. L. Co., Prowers County, Colo. 7—Percheron Colts Being Judged. 8—Vale's Clip, Angus Third Prize Senior Yearling Bull, Fred Chilen, Cloud County. 9—Haxford Tone, Hereford Junior Champion Bull, R. H. Hazlett, Butler County. 10—Brehauts Moss Raider, Guernsey First Prize Aged Bull, Emmett Smith, Reno County. 11—Central Kansas Drum Corps, H. Baughman, Left, Leader, Burrton; J. F. Richardson, Florence; J. A. Young, Pretty Prairie; George Coffman, Burrton; Albert Gibson, Fort Dodge. 12—France's Last, Polled Shorthorn Grand Champion—a Senior Calf—Ed Stegell, Jackson County. 13—Homan & Sons 435, Shropshire First Prize Ram Lamb, O. A. Homan & Sons, Marion County. 14—Ranch Yankee, Poland China Grand Champion Boar, Deming Ranch, Labette County. 15—Lady G. 3rd, Poland China Junior Champion Sow, H. B. Walters & Son, Doniphan County. 16—Lucy Orion Sensation, Duroc Jersey Junior Champion Gilt, Archie M. Clark, Elk County. 17—Orchard Scissors, Duroc Jersey Grand Champion Boar, Ed. Hoover, Sedgwick County. 18—King of All Pathmasters, Duroc Jersey Junior Champion Boar, M. I. Brower, Sedgwick County.

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Among the features of the McCormick-Deering spreader are: An auto-steer which permits the spreader to be turned in close quarters, and which eliminates neck weight; adjustment for six feed speeds; and the all-steel frame with all appliances bolted to it direct.

Ask the McCormick-Deering Dealer to point out these features.

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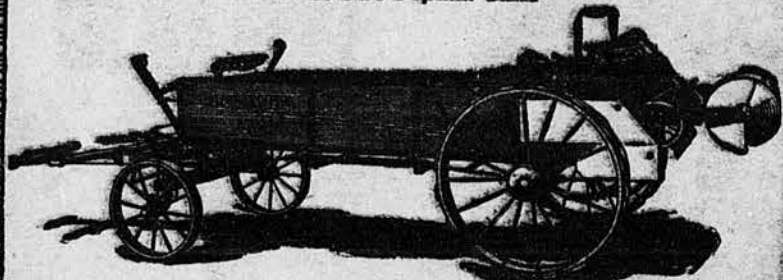
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Farm Organization Notes

Kansas Wheat Growers Held Interesting Session at International Wheat Show in Wichita

BY JOHN W. WILKINSON

MEMBERS of the Kansas Wheat Growers' Association from every section of Kansas attended the big meeting of that organization held in connection with the International Wheat Show in Wichita, Kan., Friday, September 28.

Many prominent speakers took part in the program which was of more than ordinary interest. J. C. Mohler, secretary of the Kansas State Board of Agriculture, discussed co-operative marketing and urged all farm organizations to forget their differences and to co-operate with one another in bringing about a more satisfactory system of co-operative marketing. Prof. Harry Umberger, director of the extension service in the Kansas State Agricultural College also spoke on marketing problems. "Co-operative organizations," said Mr. Umberger, "are beginning to quarrel among themselves as do all growing children and it is a favorable sign which indicates that they are beginning to feel confident of their success."

Advantages of the pooling system for various farm commodities were pointed out by several speakers.

C. G. Elling, manager of the state wool pool, the oldest and most successful of the state co-operative marketing organizations, said that the last five years' work with his members which represents half of the wool produced in the state had definitely proved that compulsory pooling by contract is absolutely essential to success.

On Saturday, September 29 a training school for organizers was held that proved of much interest and value and on Saturday night a banquet for the members of the association and their guests was held at the Broadview Hotel at which several of the leading business men of Wichita were speakers.

Farmers to Meet at Kansas City

The International Farm Congress will hold its regular annual meeting in Kansas City, Mo., October 10 to 12. An unusually attractive program has already been arranged with such men as Secretary Wallace of the United States Department of Agriculture, Secretary Hoover of the United States Department of Commerce, the Minister

of Agriculture of the Dominion of Canada, and President Bradfute of the American Farm Bureau Federation. Arrangements are being made for other authoritative speakers.

Subjects to be discussed are "Agriculture's Economic Position," "International Relationship," "Marketing," "Production," "Transportation," "Education and Farm and Home Life," and "Farm Organization."

The International Farm Congress never yet has fallen for the "Wild and Woolly" in its intellectual performances.

New Agent for McPherson County

County Agent V. M. Emmert has resigned to accept a position as manager of the farm interests of Albert Weaver of Bird City. Mr. Weaver has long had a more than state-wide reputation for his dry-farming operations, which he conducts on a vast scale.

Mr. Emmert has been the longest in service of one county of any agent now in Kansas, his appointment having become effective April 1, 1918. He was succeeded by M. L. Robinson of Leavenworth county, who is a graduate of this year's class of the Kansas State Agricultural College.

Plowing Tests With Tractors

Power farmers from every part of Kansas composed a gathering of nearly 1,000 persons at the third annual tractor plowing demonstration at the Kansas State Agricultural College, Saturday, September 29. The demonstration was held under the supervision of the agricultural engineering department of the college. It is the only one of its kind that will be given in Kansas this year, according to W. H. Sanders, associate professor of agricultural engineering, who was general field manager.

Eight or more tractor companies demonstrated. The demonstration was held on the college farm. Representatives of the different companies assisted. The following firms demonstrated: Advance-Rumely, Avery, J. I. Case Threshing Machine Company, J. I. Case Plow Company, Helder, Moline, John Deere, International Harvester Company and the Fordson Company.



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Jayhawker's Farm Notes

Good Rains That Fell in Southern Kansas Last Week That Greatly Benefited All Late Crops

BY HARLEY HATCH

MOISTURE has arrived at last in plentiful supply. During the last week nearly 2½ inches of rain fell in this locality which has put the soil in good condition for wheat. The grass has also started on both pasture and meadow and the country looks almost as green as in a normal June. This will mean fresh, tender grass until freezing weather. Such pasture will be fine for cows giving milk; those being fattened probably would have done better on the cured grass but it is out of the question to expect them to eat cured grass now when there is plenty of fresh, newly grown feed. The pastures here have been pretty well cleared of everything fit to ship; few farmers here will full feed any cattle this fall; they do not have the corn and they scarcely can ship in feed and compete with those localities where feed is abundant.

Many Hogs Offered for Sale

At the numerous farm sales already held and for these now billed one cannot help but note the large numbers of the hog tribe offered for sale. Where, in other years, one would find 10 to 15 head down on the bill there are now to be found from 50 to 75 head. These pigs sell at rather low prices, it is true, but yet not so much as one would imagine. This sudden increase in hog numbers is typical of farm industry; let a thing become profitable and we all rush into it in such numbers as to completely ruin the market.

We plead guilty with the rest; our present stock of sows and shotes numbers even 50 head as compared with a usual stock of 15 to 20 head. Before the war we always planned on raising about 50 pigs each year so we have really only gone back to pre-war practices. We planted 75 acres of corn this spring and rather expected to raise plenty of hog feed but have had to use our stock of old corn to fatten the sows; perhaps we can get enough corn together from the 75 acres to make our 40 head of shotes salable.

Recent Rains Help Alfalfa

We have just come in from a walk over the spring sown alfalfa fields. These two fields were sown early in April and they came up to splendid stands. Then came heavy and continued rains and a thick growth of grass and weeds came up, in most places covering the alfalfa. Because of our experience in other wet years, we did not mow these fields until about September 1. The alfalfa had grown up about 16 inches tall and it stood there among the grass.

After it was mowed about three weeks ago moisture was lacking and the alfalfa seemed to start very slowly. But since the recent plentiful rains all of it has come out and now looks like a good thrifty growth. To try to keep grass clipped down on young alfalfa or clover is a mistake. It merely thickens the grass growth and the alfalfa stand will almost certainly be lost. Many farmers clip early when they know they should not, because they do not like the ragged looks of the fields. Still it would be better to endure the ragged fields for a few weeks, however, than to lose a stand of alfalfa.

Summer Gardens Produced Well

Our garden has been a fairly productive one this summer despite the dry weather. Some things did poorly,

notably string beans; even where irrigated, beans did not do well for even tho the ground was wet the intensely hot sun spoiled the crop. Our tomatoes have been better than usual; we have had a plentiful supply ever since last June and will continue to have until freezing weather. In addition some 60 quarts have been canned.

We have three varieties, Earliana, Perfection and Ponderosa. Perfection is the best; Earliana is very early and it is well to have a few of this variety on that account. Ponderosa is very large but in quality cannot equal Perfection.

By the use of water we succeeded in raising the best peanuts we have ever grown; the sweet potatoes too, are also large and of fine quality. We have two varieties, Early Golden and Nancy Hall; of the two we prefer the Nancy Hall but we find the Early Golden somewhat earlier in maturing. For a time it seemed as if we would have little to put in cans in the way of fruits and vegetables but now find we will have fewer empty cans than usual.

Farm Prices for Livestock

Grass fat stock fit for shipment is being picked up here pretty closely now but the heavy receipts of the last few days have checked buying to some extent. For stock out of the pastures the local buyers are paying the following prices at the farms: for dry fat cows of good quality, from \$40 to \$55; for fat heifers from \$25 to \$35; for yearling steers, from \$25 to \$35, and for 2-year-old steers from \$40 to \$50. Thin steers are salable but for cows and heifers not good enough to butcher there is virtually no market.

We sold 22 head of mixed cattle recently containing some of all of the above named classes for about the prices named. We had planned to feed our steers this winter as well as a few heifers but concluded that we would not have good enough corn to make it worth while. We had a few head of young cows, some we wish to cull from the herd, which we offered to the buyers but found that at the prices paid it would be better to hold them over for the calves they might bring next spring.

Meadows in Good Condition

We never have seen the meadows of the country look better than at present. The fall rains have made a heavy, intensely green growth several inches high on the fields earliest cut and it is a great temptation to many to pasture these fields. Yet virtually all know that there is nothing that will harm the meadows more than pasturing after a hay crop has been cut.

A number of years ago it was a common practice on many meadows in the vicinity of Gridley to take two crops of hay; the first crop would be cut early in July and the second late in September. It took but a few examples of this to show how quickly even a heavy prairie sod could be killed out. Most leases now prohibit the taking of a second late crop of hay and many pasture owners also prohibit the cutting of hay in the pastures even tho the stock did not eat half the grass. Our native grass pastures and meadows are one of our best assets and deserve careful handling.

A field becomes exhausted by constant tillage.—Ovid.

Dairying is Growing Fast

BY J. H. FRANDSEN

THE butter industry of the United States is fast assuming gigantic importance in the agricultural prosperity of the Nation. Creamery butter production showed a 10 per cent increase over the production of the preceding year, 1,153,515,000 pounds being manufactured in 1922 as compared with 1,054,980,000 pounds in 1921. Farm butter showed a somewhat corresponding decrease from 550 to 525 million pounds.

Of the total milk produced in this country 36.4 per cent is used for farm and creamery butter manufacture. 45.5 per cent was used for household purposes during 1922, an average of 50 gallons per capita. The ice cream industry, the lusty and fast-growing infant of the dairy product family, used only 3.5 per cent of the total milk produced.

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15 Cords a day, Now ~

Easily sawed by one man. Wood selling at \$3.00 a cord would bring the owner \$45.00 a day.

Fastest cutting log saw, 350 cuts a minute. Easiest to move. Full 4 H.P. and you'll need all this power. Uses kerosene or gasoline.

Shipped just when you want it from nearest to you of 10 conveniently located branch houses. Saves you money on freight.

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Wood Sawing Encyclopedia

Boys' and Girls' Fair at EmporiaBY A. R. M. PEARSON
Emporia, Kan.

The Farm Clubs' Fair held in Emporia recently culminated the work of the year among the boys and girls of rural Lyon county. This county leads the state in farm clubs memberships, enrolling 427 boys and girls in the five clubs. Of the 105 Kansas counties, Reno comes second, with 300 members.

All during the opening day exhibits were entered at the Soden pavilion. Judging began in the afternoon. The second day however, was the big day—the boys' and girls' own day. The morning was given to horseshoe pitching and swimming races. By noon the grove was full of cars and visitors; by 1:30 P. M. the visitors were full of fried chicken and chocolate cake! More than 1,500 people were in the grove during the day.

Games, races, contests were staged for men, women and children. The Bethel orchestra played. Professor C. H. Kutz, of Bushong High School entertained with readings.

Among the speakers of the afternoon were G. W. Salisbury, district county agent leader; R. W. Morrish, state club leader; N. L. Harris of Topeka and Paul Gwinn, Morris county agent.

To C. L. McFadden, agent of Lyon county, is due credit for starting the clubs movement here. Back of him stood the women's rural clubs, the rural teachers, and the Lyon County Farm Bureau. The Bureau has put their chief effort and several hundred dollars into the selecting and distributing of setting eggs and seed corn; they planned and put thru the fair. They furnished the prizes and premiums. The greatest factor, however, in the success of the undertaking has been the perseverance of the boys and girls in the face of flood, pests, and drought.

The Rock Island Club Prizes

The Rock Island Railroad Lines offer to donate cost of trips to Chicago, to the winners of Farm Boys' and Girls' Club contests, according to an official announcement made by L. M. Allen, vice-president and passenger traffic manager, in recognition of the splendid constructive work being done by the 600,000 rural boys and girls enrolled in these clubs, and the agricultural colleges and county agricultural agents under whose supervision this club work is conducted. The motto of these clubs is the 4-H's, standing for education in matters of head, health, heart and hand and working for the solution of the agricultural problem on the sound economic basis of more efficient and profitable production.

Each county traversed by the Chicago, Rock Island & Pacific Railway having a full time extension agent may enter this contest.

The Chicago, Rock Island & Pacific Railway will make a contribution equal to the cost of one round trip ticket from a point in each county to Chicago, and return during the period of the International Livestock Exposition in Chicago, December 1 to 8, 1923.

Such ticket will be given to one boy or one girl in each county as a reward for successful work in club contest projects.

This offer includes the cost of railroad transportation only and not other incidental expenses of the journey.

The agricultural college of each state thru the proper official having charge of club work in that state should notify L. M. Allen, vice-president and passenger traffic manager of the Chicago, Rock Island & Pacific Lines, Chicago, Ill., the full name and address of the winners in each county in his state, and from what station trip will be made and the ticket agent at that point will then be notified and instructed to furnish such transportation to Chicago and return, good for going and returning on the same dates as apply for the special rates to the International Livestock Exposition.

The decision of the proper authorities of the agricultural colleges in charge of this work in co-operation with the extension agents will be final. It is the desire of the management of the Rock Island Lines that these trips be awarded as nearly as possible equally between the boys' and girls' clubs.

Only the man who tries to do more than he can, ever does all that he can.

EXCEPTIONAL RIDING COMFORT

The new Dodge Brothers Touring Car is exceptionally comfortable to ride in; it is good looking; and it incorporates many important refinements of detail.

The body is longer and lower, eliminating side sway, affording more leg room, and enhancing the beauty of the lines.

Deeper seats, long underslung rear springs and longer front springs, give ample assurance that cross country touring can be enjoyed without weariness or fatigue.

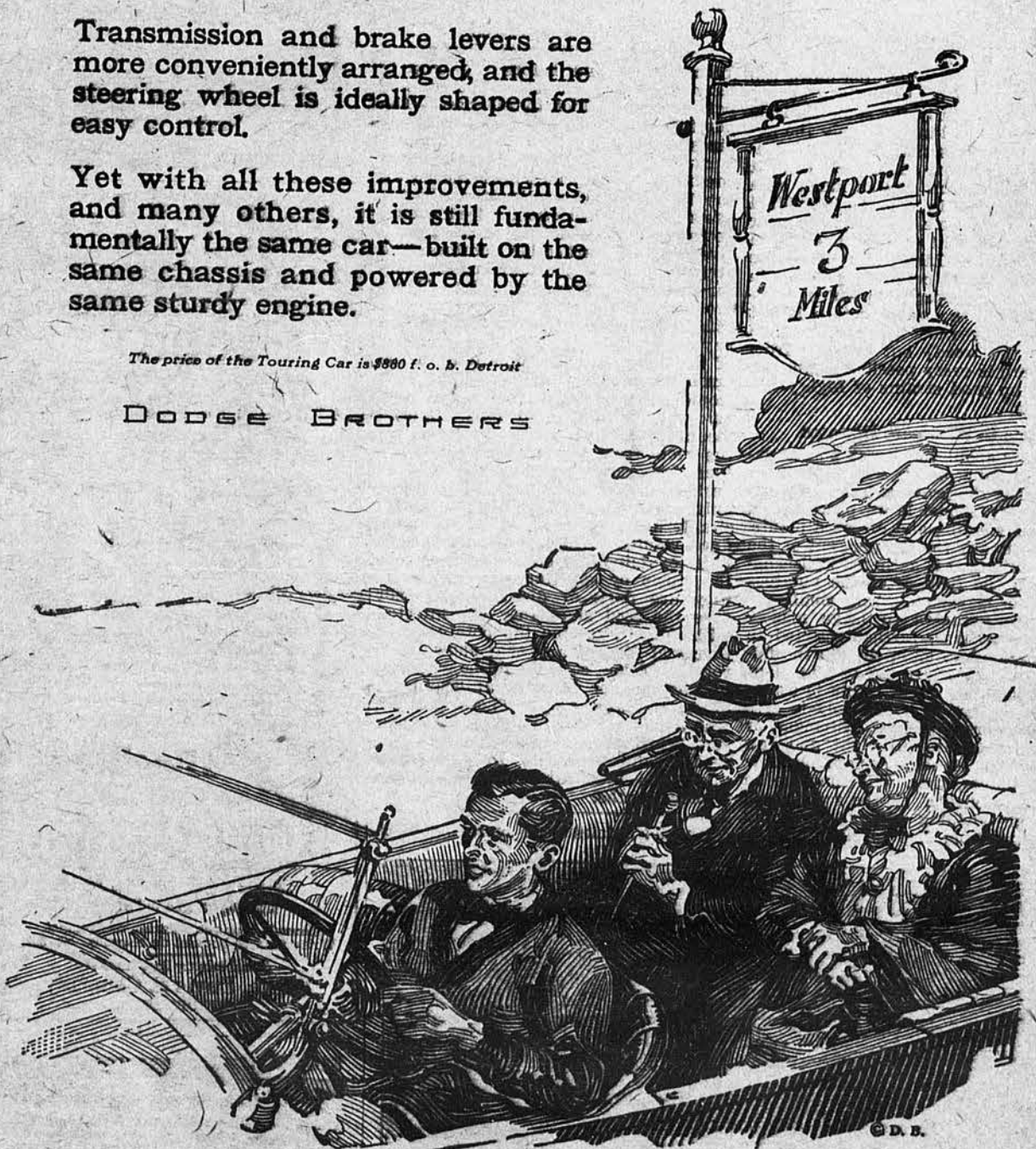
New head lamps and fenders harmonize smartly with the general design. The rear seat, and all upholstery, is removable. The running boards are longer and wider.

Transmission and brake levers are more conveniently arranged, and the steering wheel is ideally shaped for easy control.

Yet with all these improvements, and many others, it is still fundamentally the same car—built on the same chassis and powered by the same sturdy engine.

The price of the Touring Car is \$860 f. o. b. Detroit

DODGE BROTHERS



Sweet Potatoes in Kansas

Acreage Should be Increased and No Seed Used Except from Good Healthy Plants

BY L. E. MELCHERS
Kansas State Agricultural College

SWEET potato growers have observed that something is wrong with the sweet potato crop in this section of the United States. It is very evident that the slump in acreage is not due to the lack of a "fair price" or "over production," two things that are frequently mentioned in connection with farm products which are being disposed of at the present time. Kansas and Missouri are consuming a great many more sweet potatoes than are being grown in this region. The unfortunate part of it is, there are hundreds of acres of land which would be well adapted to sweet potato culture in Kansas. This land is now in crops which are not so well adapted. There are two chief reasons why the sweet potato crop has been gradually slumping. First, on account of the presence of two or three serious plant diseases which are causing a large annual loss in the field and in the storage house. Second, the sweet potato grower has unknowingly been following the wrong methods of getting his seed. These two things together are giving from a half to two-thirds of the yield that should normally be secured.

Field Selection of Seed

It is as necessary for the sweet potato grower to have an understanding of what the common sweet potato diseases look like and what to do for them, as it is for the man who is raising hogs to know hog cholera, how it spreads and what the prevention is. It is well known and recognized today that blooded stock, whether this be swine, cattle or poultry, are better producers. One individual animal can be responsible for a big difference in either building up or pulling down the productivity and quality of a group of animals. Identically the same thing is true in the plant kingdom, only the average person does not give this sufficient consideration. The seed from a good yielding plant has as much of a strain of "blood" in it, as an individual animal. Seed selected from a poor yielding plant will express itself in a similar manner. Like tends to produce like in the sweet potato, especially in the method of propagation which is followed. Since the sweet potato is not propagated by seed (in the common sense of the word) but by slips from roots, there is every possible means for building up good strains of high yielding plants.

Time to Eliminate Diseases

We hear about the sweet potato varieties "running out." The reason for this is, that the growers have been unconsciously responsible for picking seed from poor yielding and diseased plants. It is safe to say that 90 per cent of the sweet potato seed is gathered indiscriminately in the field after the potatoes have been marketed. The small potatoes are gathered in large masses and then, perhaps, further selected in the storage house or in the bin the following spring, regardless of the plant from which they came. This is essentially wrong and is bound only to give low or moderate yields. "Strings" or small potatoes are all right and can be used, but if they come from low yielding plants, they will continue to produce low yields. If the seed comes from high yielding plants, or plants which have from five to eight blocky-

type, marketable potatoes, the plants from such seed will tend to produce good yields. If this is true, when and where should the seed for next year's potato crop come from? Most naturally from desirable plants in the field, in other words, hill selection.

The fall of the year is the time to start to eliminate sweet potato diseases and to select proper seed. Stem rot is the most prevalent and serious sweet potato disease in Kansas. It cannot be controlled by chemical treatments. Hill selection is the only method which will bring results. Stem rot or wilt is readily detected by the yellowish appearance of the leaves of the plants. If the attack was early in the season the plants have died completely and disappeared. Infection in living plants is detected by the blackening of the inside of the stem near the crown of the plant. This frequently extends into the tubers or roots of the sweet potato plant and it is this which may carry infection over until next year. If the stems are bright and clean at the crown, one may be reasonably certain that the roots will be free of infection.

Black rot is the other disease which occurs in the field and should be looked for at digging time. This attacks the underground part of the plant, producing more or less circular spots on the potato from the size of a pin head to a large portion of the surface of the potato. These spots increase in size in storage. They are metallic in lustre, hard, and do not extend more than 1/8 inch into the flesh. Potatoes having black rot are bitter when cooked.

Best Plan to Follow

A week or two before the first severe killing frost and before the crop is harvested, plow out one or two rows of potatoes from which to select seed. The potatoes should be left attached to the vines or to enough of the vines so that a careful examination of the internal condition of the vines near the crown can be made. The hills should be the basis for this selection. Seed should be taken from hills that produce from five to eight marketable potatoes. The strings or small potatoes are satisfactory for seed from such hills. Those growers who have been selecting "strings" season after season without paying attention to the type and size of the potatoes are complaining of the "running out" of the variety. This would not occur if attention had been paid to the individual hill. Experiments have shown that one can save all the roots from desirable hills and use them for seed for a few years until the desirable type is obtained, after which only the small ones are used from desirable hills. Either method will produce results. After locating desirable hills, examine the stems internally at the crown by splitting them open. If they are dark or discolored, do not save the seed since they are infected with wilt. Examine the potatoes further and discard any that show black rot. Sufficient seed should be gathered in this manner to make at least part of next year's crop. Those growers who have tried this method for the last few years have shown it pays. The seed should be stored in crates and given the best attention during the winter months.

Kansas dairies need more big silos.



Harvesting Sweet Potatoes on the Farm of A. W. Travis Near Manhattan, Kan. Seed Selection and Treatment Gave a Yield of 325 Bushels an Acre This Year



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unions, and other improvements, make the new Goodyear Cord with the beveled All-Weather Tread the best tire Goodyear ever made.

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the muzzle pointing down the hole. Set the trigger and insert firing pin. In a few moments Mr. Gopher comes up to close the hole, bumps into the cork on the trigger wire and Bang! there's a dead gopher. It never misses.

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Send \$3.85 for one Getsem Gun or \$11.00 for three. Absolutely guaranteed to satisfy or your money refunded. Ask your dealer—if he can't supply you send your order direct to us—or send for circular.

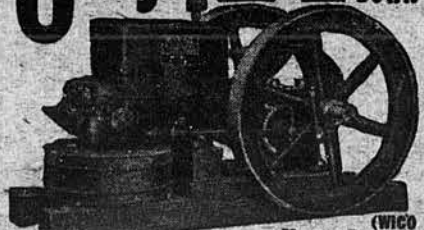
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Capper Poultry ClubBY RACHEL ANN NEISWENDER
Club Manager**The End of the Contest is in Sight.
Are You Doing Your Part?**

WHILE we arrived home safe and sound from the pep meeting, but that's about all," writes Opal Shuff, leader for Reno county. "We arrived here at 10:15 Thursday night and had to get up and go to school the next morning. We ran into mud between Peabody and Newton and slipped from one side of the road to the other for about 20 miles. But we had a fine time at Topeka."

Everyone seemed to have a good time at the pep meeting, tho, of course it left us all rather tired and weary. Miss Flanagan and I gathered so much inspiration from the three days that we felt like starting out and conquering a world. I hope the meeting

It's All in the State of Mind

IF you think you are beaten, you are.
If you think you dare not, you don't.
If you'd like to win, but think you can't.
It's almost a cinch you won't.
If you think you'll lose, you're lost.
For out in the world we find
Success begins with a fellow's will.
It's all in the state of mind.
If you think you're outclassed, you are;
You've got to think high to rise,
You've got to hustle before
You can ever win a prize.
Life's battles don't always go
To the stronger or faster man;
But soon or late the man who wins
Is the one who thinks he can.

gave you the big, clear vision of club work that came to us, for if it did, we all can do our work so much better. We have been told not to look back. But sometimes I think it is a good thing to stop and look back, and see how far we've gone and what we have accomplished.

Race Depends on Every Member

Now that the pep meeting is over we can look back over the first part of our contest and check up. To us it has been an interesting year, brim full of wonderful experiences and fine friendships. And we have learned much. Now to look ahead: We have three months of the contest left, and after all it's the last lap of the race that counts, isn't it? We can lose all we've gained in the past six months if we stop now. Let's wind up the contest in first class fashion with every girl doing her part. Your meetings will be over with September. But you still can send your monthly feed reports on time, show your chickens at fairs and poultry shows, write bulletin reviews, send in snap-shots and write newspaper items. It might be well to get out the list for pep points and see what you can do to help your county win.

Do You Desire a Picture?

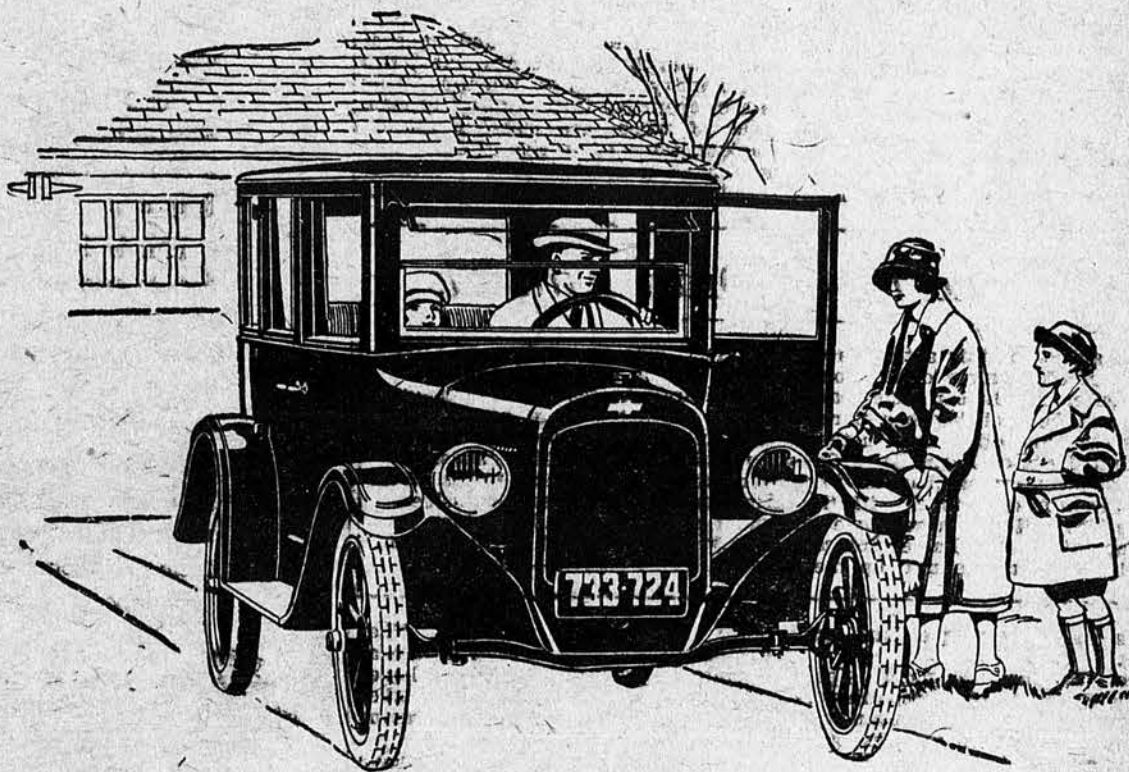
If you desire a picture of the club folks taken at the pep meeting in Topeka, we'll be glad to have one printed for you. The price is 50 cents, and you may write to either Mr. Gillespie or myself in regard to it.

One Shorthorn cow for which the youthful purchaser gave his personal note three years ago so that he might feed and care for the animal as a part of his club work, was the means of an Idaho club boy, Frank Hankins, developing marked ability as a stockman. For three years he has cared for and managed his livestock according to the improved methods advocated by his agricultural extension agent, adding to his herd until he now owns 11 head of exceptionally fine purebred Shorthorn cattle. His profits for the year 1922, according to reports to the United States Department of Agriculture, were \$1,848.

Corn yields can be increased more surely and cheaply by the use of good seed than in any other way. The best place to get good seed is in your own field, that is if you have a good variety that produces well.

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Superior Utility Coupe . . . 640	Chassis . . . 395	Chassis . . . 550

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Horse Shortage Is Coming

More Good Stallions and Breeding Stock Needed to Meet Demand for Work Stock

BY C. W. LAMER
Salina, Kan.

ONE of the most vital things that is now facing the American farmer is horse power. The American people as a class are too prone to go to extremes.

In 1912 we had foaled in Saline county, Kansas 1,153 horse and mule colts. In 1922 we had 176 horse and mule colts foaled.

We have 1,804 farms in Saline county with 262,000 acres of cultivated land. Eighty per cent of all the horses on these farms are 8 years old and over. Within the next five years, at the rate we are now breeding, we will have a great shortage of horses thru-out all parts of the Middle West.

Better Brood Mares Essential

The colts that are now being raised are very inferior compared with those that were raised 10 years ago, as most of the better breeders have practically quit and there are just a few of the old broken down work mares that are being bred. Many of the stallions now in service are not as good as a lot of the geldings we raised a few years ago, and the most critical condition that faces us is, there are very few good stallions available in America inas-

the farm and breed them to the best draft horse available, as we are now working more horses in the United States on farms than we have ever worked in the history of this country.

Another Big Show for Wichita

(Continued from Page 7)

farm. The operator worked 8.9 hours a day, as against an average of 6.1 for the man on the grain farm. The farmer on the diversified place made \$3,000 from the year's work, while the grain farm was run at a loss.

All the way thru in ways like this, and in others, the show played up good methods of production. It indicated that it had been arranged with a full understanding of the principles on which the agriculture of the future must be based.

One of the interesting and unusual booths was that of the Associated Bee and Poultry Farms of Wichita. This is a co-operative farm, run by 10 men, eight of whom are married, all ex-soldiers, wounded in line of duty, who now have completed their vocational training in agriculture at the Kansas

An Authority on Draft Animals

The author of this article is C. W. Lamer, who has written it after a very careful survey of his home county. He is a horseman of much experience. Mr. Lamer some years ago bred draft horses on an extensive scale and he probably has purchased and marketed more horses and mules than any other man in the state. Mr. Lamer is now president of the United States Farm Sales Company which has marketed thousands of sets of government harness to farmers at very reasonable prices and so has been in close touch with the farm situation both thru his business enterprises and the large horse and mule ranch near Salina which he still operates. Mr. Lamer foresees a very critical period in the horse industry and has summed up the situation as he sees it.—The Editor.

much as so many people have quit breeding.

France, Belgium, England, Spain and other European countries are very short of horse power. Thousands of mules and horses have been exported to Spain the last two years. France, England and Belgium would be buying horses in the United States today if finances were in a normal condition in those countries. The production of draft horses for breeding purposes in France and Belgium is far below normal, as every available horse they had was used during our war and a large per cent of them lost.

Good Market in Mexico Now

Old Mexico is opening up large areas of land that is being brought into cultivation and a large percentage of that is now being farmed with oxen. The United States, England, France, Belgium and Spain are not raising half enough horses today for their own needs. Where does the American farmer expect to get his horse power?

The cotton and tobacco states are very short of mules under normal conditions. They buy about 600,000 horses and mules annually, and now in Kansas, Missouri and Nebraska, the greatest mule producing states, you find good mules very scarce and hard to buy.

Keep your best breeding mares on

State Agricultural College. They started out this year on their farm near Wichita to produce poultry and honey products of a superior quality. They are encountering very encouraging success.

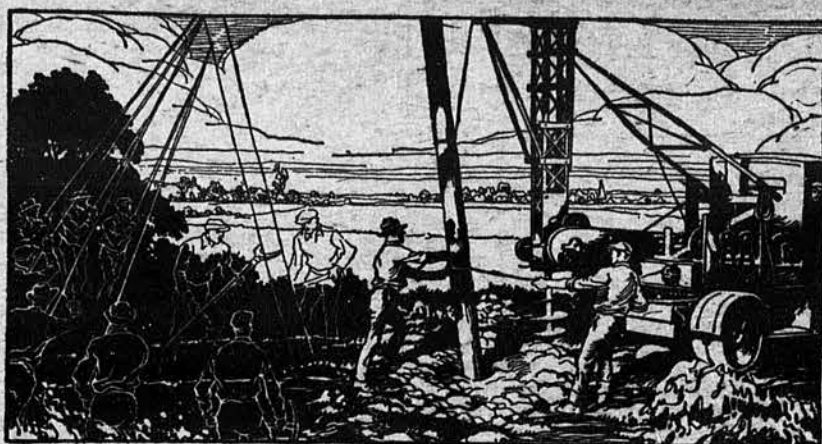
A 96-pound Big Heart watermelon was shown by Schultze Swank of Bentley, which attracted considerable notice even with the huge number of melons in this section.

The decorations were pleasing, and did much to add to the attractiveness of the show. And so did the entertainment features, which were good.

John and Dale Alter, Belle Plaine, won first on table display of apples, which included Winesap, Black Twig, York Imperial, Grimes Golden, Delicious and Jonathan. The Alter brothers have 380 acres in orchard, and their crop of this year has been estimated at 50,000 bushels. F. R. Smith of Wichita showed the best box of apples and had the best 10-box display.

In the kafir booth exhibit L. A. Somers of Wichita was first; M. S. Mayall of Valley Center, second; Harry Homan of Peabody third; and Dr. T. A. Case of Rice county, fourth.

Sour milk fed chickens is said to cut down cannibalism. It provides animal protein which poultry seek in devouring one another.



Multiplying Man-power

To the man with pick and shovel the digging of holes for telephone poles is a slow and arduous task. Under favorable soil conditions three to five holes are for him an average day's work. Under adverse conditions perhaps he can account for only one. When the hole is dug, eight or ten men are required to raise the pole with pikes.

But the hole-borer with derrick attached, operated by only three men, can erect as many as eighty poles in a day—releasing for other telephone work upwards of forty men.

Hundreds of devices to quicken telephone construction, to increase its safety to the employee, and to effect economies are being utilized in the Bell System. Experiments are constantly being made to find the better and the shorter way to do a given job. Each tool invented for the industry must be developed to perfection.

In the aggregate these devices to multiply man-power mean an enormous yearly saving of time, labor and money throughout the whole Bell System. Without them telephone service would be rendered neither as promptly, as efficiently nor as economically as it is to-day.



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We're Drinking More Milk

BY J. H. FRANDSEN

DID you use 945 pounds of milk last year? The United States Department of Agriculture says you did—or rather, that's the average amount used by every man, woman and child in the country. Nearly 103 billion pounds of milk were used in 1922 to make butter, cheese, ice cream, milk chocolate and other milk products, including 47 billions consumed as milk. In 1921 only 99 billion pounds of milk were used, including 45 billions consumed as milk.

City folks used 2 gallons more milk per capita last year than the preceding year. But country folks showed no increase in consumption. So the average increase for the country as a whole was only 1 gallon, making the average person's consumption in a year about 50 gallons.

25,505,000 milk cows produced the 103 billion pounds of milk used, an average production of 4.020 pounds per cow. This is a 75 pound increase over 1921, when the average cow's production was 3,945 pounds.

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The Cross-Cut

(Continued from Page 9)

judge. Neither does anyone else. Therefore, it's worth at least ten thousand dollars. That'll do the trick. Get out your deeds and that sort of thing—we'll have to file them with the bond as security."

"But that will ruin us!"

"How so? A bond's nothing more than a mortgage. It doesn't stop you from working on the mine. All it does is give evidence that your friend and partner will be on the job when the bailiff yells oyez, oyez, oyez. Otherwise, they'll take the mine away from you and sell it at public sale for the price of the bond. But that's a happen-so of the future. And there's no danger if our client—you will notice that I call him our client—is clothed with the dignity and the protecting mantle of innocence and stays here to see his trial out."

"He'll do that, all right."

"Then we're merely using the large and ample safe of the court of this judicial district as a deposit vault for some valuable papers. I'd suggest now that you get up, seize your deeds and accompany me to the palace of justice. Otherwise, that partner of yours will have to eat dinner in a place called in undignified language the hoose-gow!"

It was like warm sunshine on a cold day, the chatter of this young man in horn-rimmed glasses. Soon Fairchild was dressed and walking hurriedly up the street with the voluble attorney. A half-hour more and they were before the court, Fairchild, the lawyer and the jail-worn Harry, his mustache fluttering in more directions than ever.

"Not guilty, Your Honor," said Randolph P. Farrell. "May I ask the extent of the bond?"

"In view of the number of charges and the seriousness of each, I must fix an aggregate bond of five thousand dollars, or twelve hundred fifty dollars for each case."

"Thank you; we had come prepared for more. Mr. Fairchild, who is Mr. Harkins' partner, is here to appear as bondsman. The deeds are in his name alone, the partnership existing, as I understand it, upon their word of honor between them. I refer, Your Honor, to the deeds of the Blue Poppy mine. Would Your Honor care to examine them?"

His Honor would. His Honor did. For a long moment he studied them, and Fairchild, in looking about the courtroom, saw the bailiff in conversation with a tall, thin man, with squint eyes and a scar-marked forehead. A moment later, the judge looked over his glasses.

"Bailiff!"

"Yes, Your Honor."

"Have you any information regarding the value of the Blue Poppy mining claims?"

"Sir, I have just been talking to Mr. Rodaine. He says they're well worth the value of the bond."

"How about that, Rodaine?" The judge peered down the court room. Squint Rodaine scratched his hawklike nose with his thumb and nodded.

The Bond Was Accepted

"They'll do," was his answer, and the judge passed the papers to the clerk of the court.

"Bond accepted. 'I'll set this trial for—'"

"If Your Honor please, I should like it at the very, very earliest possible moment," Randolph P. Farrell had cut in. "This is working a very great hardship upon an innocent man and—"

"Can't be done." The judge was scrawling on his docket. "Everything's too crowded. Can't be reached before the November term. Set it for November 11th."

"Very well, Your Honor." Then he turned with a wide grin to his clients. "That's all until November."

Out they filed thru the narrow aisle of the court room, Fairchild's knee brushing the trouser leg of Squint Rodaine as they passed. At the door, the attorney turned toward them, then put forth a hand.

"Drop in any day this week and we'll go over things," he announced cheerfully. "We put one over on his royal joblots that time, anyway. Hates me from the ground up. Worst we can hope for is a conviction and then a Supreme Court reversal. I'll get him

so mad he'll fill the case with errors. He used to be an instructor down at Boulder, and I stuck the pages of a lecture together on him one day. That's why I asked for an early trial. Knew he'd give me a late one. That'll let us have time to stir up a little favorable evidence, which right now we don't possess. Understand—all money that comes from the mine is held in escrow until this case is decided. But I'll explain that. Going to stick around here and bask in the effulgence of really possessing a case. S'long!"

And he turned back into the court room, while Fairchild, the dazed Harry stalking beside him, started down the street.

"Ow do you figure it?" asked the Cornishman at last.

"What?"

"Rodaine. 'E 'elped us out!"

Fairchild stopped. It had not occurred to him before. But now he saw it: that if Rodaine, as an expert on mining, had condemned the Blue Poppy, it could have meant only one

thing, the denial of bond by the judge and the lack of freedom for Harry. Fairchild rubbed a hand across his brow.

"I can't figure it," came at last. "And especially since his son is the accuser and since I got the best of them both last night!"

"Got the best of 'em? You?"

The story was brief in its telling. And it brought no explanation of the sudden amiability displayed by the crooked-faced Rodaine. They went on, striving vainly for a reason, at last to stop in front of the post-office, as the postmaster leaned out of the door.

"Your name's Fairchild, isn't it?" asked the person of letters, as he fastened a pair of gimlet eyes on the owner of the Blue Poppy.

"Yes."

"Thought so. Some of the fellows said you was. Better drop in here for your mail once in a while. There's been a letter for you here for two days!"

(TO BE CONTINUED)

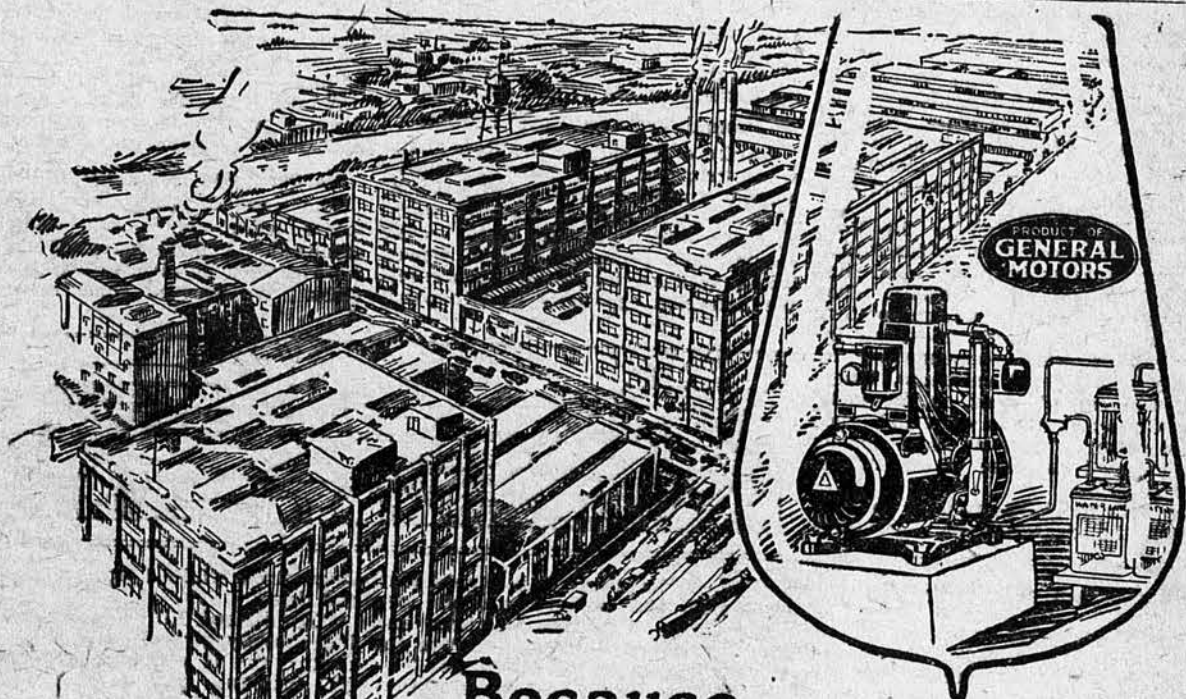
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Such quantity production and such unparalleled installation facilities enables the Delco-Light Company to offer the lowest installed price ever announced for a farm lighting plant.

Never before has there been such a splendid opportunity to equip your farm with electric light and power. You can make your home a better, brighter place in which to live and work. You can save labor and increase profits.

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Name _____
Town _____
County _____
State _____

Our Kansas Farm Homes

Mrs. Ida Migliario
—EDITOR—

With the Women Folks at the International Wheat and Farm Products Exposition

DISPLAYS such as were shown at the International Wheat and Farm Products Exposition held in Wichita September 24 to October 6 could not help but fill every Kansan's heart with pride—pride because he lived in a state that could produce the abundance and variety of crops to make such an exposition possible. That it was a bigger and better show in every way than the 12 which preceded it was a unanimous opinion.

Hangings, garlands and festoons of wheat and gay colored lights gave the displays a festive appearance. Visitors caught the holiday spirit and thoroughly enjoyed not only the merry making in "Toonerville" but the educational side of the exhibits as well.

Going up the incline to the Rose Room on the second floor of the forum, the visitors' attention was called first to the Indian schools' display. The usual things—baskets, rugs and pottery—which one expects to see at an Indian exhibit were supplemented by daintily embroidered garments, fancy-work and canned fruit on the girls' side. Garden products, corn and other grains grown by boys at these schools were as good as those in any of the other booths.

The man in charge told us that he thought the drawings and paintings

were especially praiseworthy. We agreed with him. None of these young artists has had any instruction in art; the work is all the result of applied talent. As if to guard the exhibit, a life size figure of an Indian man and woman surrounded by the things in which that race was interested before the white man came, stood at either side. These figures were made of kaffir. Surmounting the exhibits was a landscape painting with a mounted Indian in the foreground. On the whole, this was one of the most pleasing exhibits of the Wheat Show.

Manual Training Boys' Exhibit

On the other side of the Rose Room was arranged in a most attractive manner, furniture made by high school boys in their manual training work. Among other articles were cedar chests, tables, chairs, stands, flower boxes, writing tables and bookcases. We marveled especially at two phon-

ograph cases. One was stained with an antique finish to resemble walnut.

An Unusual Array of Cookies

Such a large, imposing array of cookies and wafers I never have seen as those a biscuit company had arranged in one of the booths. There were more than a hundred kinds. Just across from this booth was a display of commercially canned fruit. The two suggested a good combination for our emergency shelves. I saw all sorts of salads and desserts in the two arrays of food.

A most attractive group of decorated candles would, as the demonstrator said, make pleasing Christmas gifts.

Canned Food Was Up to Standard

The canned fruit, vegetables and meats were up to the usual high standard. A good many of the jars were entered by girls in state canning clubs. We secured some new ideas

from the combinations of vegetables which were arranged so attractively in the cans that they stood out above the others. Latticed carrots and beans, carrots and peas, corn and beans and corn and tomatoes were among the combinations. And we must mention the can of sauerkraut and wieners.

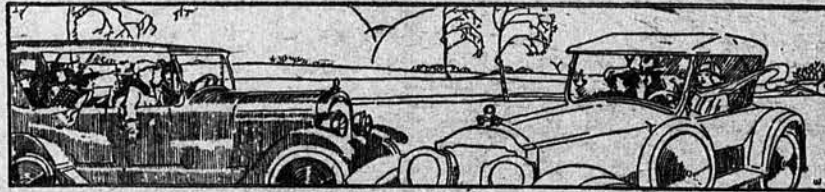
Like bright bouquets were some of the jars of mixed pickles. Especially was this true of a jar of pickled okra, green tomatoes, carrots, cauliflower and red peppers, arranged in layers in the cans. A quart of green beans, carrots, turnips and ripe tomatoes made a pretty showing.

New Features in Equipment

We wouldn't give a complete picture of the Wheat Show if we didn't mention the booths of equipment. We learned about a machine for softening water and purifying it at the same time; an oil burner which could be installed in any kind of a stove or furnace, doing away with the many annoyances of coal and wood; an electric refrigeration system, and a steel fronted pipeless or pipe furnace.

I'm glad that I had this opportunity to visit the 1923 Wheat Show, and wish that all of my Kansas Farmer and Mail and Breeze friends could have been there to enjoy it with me.

Florence K. Miller.



What Are Red Letter Days?

The gala entertaining season is here. From Halloween to April Fool, parties are uppermost in the minds of those interested in the social life of their communities. We have a new neatly



bound game book of 34 pages called "Red Letter Day Parties" which has in it games and party plans for every one of the special holidays. If you are planning a Halloween party you will find ghosts' auction, ghosts' parade and spirit march

much fun. New fortunes and new ways of telling fortunes are included.

This little book will serve you for Thanksgiving, Christmas, New Years, Saint Valentine, George Washington, Saint Patrick, April Fool, May Day and Fourth of July gaities.

"Red Letter Day Parties" is one of a set of four books. The others are called "Fun Making Games," a book with 123 games, "Today's Etiquette," including besides points in social etiquette, plans for wedding, anniversary and stork showers with suitable games for each, and "Club Day Activities." This last named has in it complete plans for organizing a club, appointing committees, planning programs, playing games and serving refreshments.

These books sell for 15 cents each or the four for 50 cents. Address, The Amusement Editor, The Kansas Farmer and Mail and Breeze, Topeka, Kan.

Fall Rose Beds

New rose beds should be prepared in the early fall, for this allows the settling of the soil before the bush is put in. After September 15 up to November roses may be planted; but in the colder climates spring is the better time. The soil must be rich for roses, down to at least 2 feet, and all roses need plenty of sunshine.

In planting, spread out the roots with care, see that none are crossed and cut off all bruised roots. They should not be planted closer than 3 feet, and if planted in the spring they should be pruned back to within 1 foot of the

ground. After a rain it is a good plan to mulch the ground around rose bushes with old leaves or grass, and thus retain the moisture. Always cut off dead blossoms on a Tea rose.

Rose bushes do better when they have plenty of room and never should be crowded into beds with other deep rooted plants. A southern exposure is the best for rose bushes, as they need protection from cold winds in winter. Work liquid manure about your rose bush roots at least twice in the summer and remember that wood ashes put into a hole near the roots will benefit their growth and health.

Mrs. Anna Deming Gray.

Gift Suggestions for Baby

What are you going to get the new baby?

Talcum dusters are one of the handiest things a mother can have. You can make some for her and the new baby with little expense. Pinch out a bit of medicated cotton about the size of a lemon, gather one corner into a twist, tie this twist into a knob with a simple bow of blue or pink baby ribbon, and you have a baby talcum duster which puts the talcum on the new baby in the nicest kind of a way. If you do not happen to have baby ribbon, you can use a few strands of silkline.

To make your present a little more pretentious, make from six to 12 or more of these little talcum dusters, set them in a wrapping of white tissue paper, and mail them or take them to the mother in a neat little box.

Sometimes, instead of packing the dusters in a box, a little bag is made of some soft white material, and the dusters are placed in this bag. The bag then can be kept in the mother's "handy box" which contains the things she uses in bathing the baby. In this way, whenever she gets to the place in the bathing and dressing process, when the talcum should be put on the baby, her talcum dusters will be handy.

Orville Bourassa Rhoades.

Meet My Doctor!

"You never could guess why I came to see you," said a friend one afternoon last spring.

"No," said I, "what is it?" "Well, you surely will be surprised, but won't you please tell me just how you manage and plan your work? You do so much more than I, yet you never

seem tired while I am worn out all the time."

"Yes, indeed, I'll be glad to tell you, but I really give all the credit to my doctor, and if you will come with me I'll introduce you to the best and cheapest doctor I ever have found."

After Five Minutes Relaxation

I led the way to my workshop and pointing to the cot standing at one side said, "That is my doctor. When I feel tired, worried or hurried I cannot accomplish much. My mind is not alert; I can neither plan nor carry out those plans already made, my muscles do not co-ordinate and I find myself taking many unnecessary steps and floundering aimlessly about my work."

"Then I go to my cot and lie down and relax body and mind. Usually 5 minutes' relaxation is enough. I get up rested and my work is easily done. This I do just as often as I feel the need. I never hurry nor permit myself to become flustered."

"But the relaxation must be complete. Lie flat upon your back, the head raised just a little, arms and lower limbs stretched out, eyes closed, mind and muscles relaxed as much as possible. At first you will not find this

an easy thing to do, but you will learn, and you will rest in proportion to your relaxation."

"I try to lie down for 10 minutes immediately after each meal. If you will do this and obey my rule, 'Never hurry, never worry,' you will not be worn out and can accomplish much more." Mrs. Carrie Travis Urban.

Makes Rocking Horses Noiseless

When rainy weather prevents the small people from spending their usual amount of time out-of-doors, they delight in "exercising" their kiddy cars and various wheeled vehicles in the house. Recently I saw the ingenious way in which one father met the problem of scratched furniture and noise which this usually entails.

A discarded inner tube from the automobile provided an excellent material to fasten around exposed angles of these toys that were likely to make destructive scratches. The noisy rocking horse was silenced by covering the rockers with tubing. And now, even when these active toys bump into the furniture, no serious damage results.

Alice Margaret Ashton.

Several Hundred Babies Scored



Sing a song of toothpaste,
Morning, noon and night,
Twenty healthy little teeth,
Strong and shining bright.
Every day I brush them,
To keep them nice and clean.
Aren't they a set of pearls,
Fit for any queen?

SEVERAL hundred babies from 1 to 3 years old were weighed, measured and scored the last week of the Wheat Show by Dr. May Belle True. "Let health be our motto" was the inscription on one of the placards which the older children who happened into this room enjoyed. Another contained the clever lines above.

The pictures used to illustrate this placard were impressive.

Women's Service Corner

Our Service Corner is conducted for the purpose of helping our readers solve their puzzling problems. The editor is glad to answer your questions concerning house-keeping, home making, entertaining, cooking, sewing, beauty, and so on. Send a self-addressed, stamped envelope to the Women's Service Corner, Kansas Farmer and Mail and Breeze, and a personal reply will be given.

Scratches on Mahogany

How can I cover scratches on a mahogany bed?—Mrs. J. N. M.

Put a little rotten-stone in a sauce dish, and mix to a thin paste with raw linseed oil. Dip a piece of soft material into this and rub the scratches until they disappear. If the scratches are deep, they will not disappear upon first application, but if the treatment is repeated for several days, the wood will be filled in and the scratches vanish. This preparation will not injure the finest furniture.

Fruit Pudding

Now that fruit season is on I would like to have a new recipe for a fruit pudding.—Mrs. J. C. I.

Here is a recipe with which you can use any fruit you wish.

1 cup sugar	1/4 teaspoon vanilla or
2 tablespoons shortening	1/4 teaspoon nutmeg
1 egg	2 cups flour
1 cup sweet milk	2 teaspoons baking powder

Put sweetened fruit of any kind such as peaches, cherries, raspberries or plums about 2 inches deep in a pudding dish. Heat the fruit in the oven. Cream the sugar and shortening and add the other ingredients, beating the egg thoroughly. Spread the rolled dough over the fruit and bake until it is done. Serve with cream or a pudding sauce.

Farm Home News

BY MRS. DORA L. THOMPSON

THE "lonely road" is not one of the great "highways" in Nebraska or across Iowa; nor is it one of Wisconsin's many 365-day roads. Everywhere one is impressed with the great number of cars on the road. Hundreds are carrying camping equipment of every sort in every conceivable place. The spirit of the road is friendly. It lacks the stilted atmosphere of the train.

Four years ago we rode over the King's Trail in Nebraska. Then many detours were necessary on account of bridge construction and many groups of road workers made travel slow and rough. Now, the hills have been cut down and the valleys graded up until the road is in good condition. It was a problem to us, however, that so few schoolhouses are in sight along this trail.

Going east thru Iowa, we took the Lincoln Highway most of the way. Coming home, we traveled over the Hawkeye Road to Iowa Falls; then south on Jefferson Road to Colorado and on west on the Lincoln. This proved to be much the better road—practically all gravel or cement. The exceedingly large amount of rainfall in Iowa has prevented much threshing from being done. Now, many farmers are making double use of the tractors employed for threshing by adding silo filling to the list.

Quite a different condition existed in southwestern Wisconsin in the writer's old home district. Drouth thru May, June and July had made pastures short. Indeed they resembled green floors, since late rains have caused a freshening of the grass. It is a pretty sight to see the big herds of Holstein cattle scattered over the hillsides.

More Flowers on Farms

As a woman visitor to many farm homes, we were impressed with the increased attention given to flowers. Many farms that used to have a few flowers in the garden now have generous beds, borders and lattice work. For the last, a favorite covering was a flowering bean that makes a wonderful growth. One remarkable aster bed was the result of chance. Last fall when the flowers were thru blooming, the old aster plants were scattered over a prospective potato patch and plowed under. At the time of the second cultivation of the potatoes, the plants were noticed in between the rows—hundreds of them! The weeds were hoed out, the plants thinned and

left after the potatoes were dug. Now, a great bed of asters in full bloom covers the patch.

Cottage Conveniences

A little cottage in the woods was the scene of several merrymakings. In this timber, 30 years ago and more, men prospected for lead. The deep holes are there yet—so it is called Prospectors' Timber. Here two families have built a very simple three room cottage with porch around two sides. A screened foot and a half open space around the house just a short distance below the eaves admits light. Canvas drop curtains shut out rains. A brick fireplace in the living room may be used to remove chill. The little conveniences in this cottage used only occasionally might well be copied in many homes to save daily toil. One, I may mention, was a barrel to catch rain water. This was set on a platform, bringing the top of the barrel directly beneath the eaves. From the bottom of the barrel, a pipe leads thru the side wall to a faucet over the sink. From the sink a drain pipe leads out to a down-hill slope. A lunch box is in regular use. It is asbestos lined and zinc lined with an ice compartment at one end. A homemade refrigerator is in frequent use as well.

If space permitted, we should like to compare the comforts and conveniences of such a trip with the train trip—also the expense. We feel certain that the total cost for the family of six was less than the price of a railroad ticket for one.

Four Easily Made Garments

1679—Girl's Slip-on Dress with Bloomeys. One of the cutest dresses ever designed for a child is illustrated below. Sizes 2, 4, 6 and 8 years.

1850—Women's Dress. The amateur home dressmaker could make this dress with the assurance that it would be a decided success. It is the popular one-piece type of garment and consists mostly of straight sewing. Sizes 36, 38, 40, 42, 44, 46 and 48 inches bust measure.

1835—Women's Apron. Notice the back view and you will see that the



garment is so constructed as to keep the shoulder pieces from slipping over your arms just as you are elbow deep in suds or high up on a ladder making an attempt to hang your favorite picture to better advantage. Then, too, it's simple to make. Sizes 36, 40 and 44 inches bust measure.

1858—Child's Union Suit. This union suit is made with the closing at the front, a drop seat and drawers which may be in either of two lengths. The sleeves may be long or short or the garment may be made without sleeves. Sizes 2, 4, 6, 8, 10 and 12 years.

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



FROM A KODAK NEGATIVE MADE ON THE FARM

Autographic Kodak

GOOD pictures, easily made, and complete even to date and title written on the film at the time by means of the exclusively Eastman autographic feature—that's the Kodak way.

You'll want such pictures of live stock, crops, equipment, buildings, for reference and year-to-year comparison; you'll point to them proudly in your Kodak album when they are made just for fun, like the illustration above.

Autographic Kodaks \$6.50 up

Eastman Kodak Company, Rochester, N. Y.



How to give a better, livelier Hallowe'en Party—

DOZENS OF SUGGESTIONS (with pictures) for successful Hallowe'en parties are in the Dennison BOGIE BOOK—32 fascinating picture-pages about novel invitations, costumes, games, pranks, dances, decorations—yes, and even table-setting—ideas new, and

ideas traditional are all here.

Get the BOGIE BOOK today at your Dennison stationer's or Department Store—or send ten cents direct at once to Dept. 10-KFMB

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TOPEKA — WICHITA

For Our Young Readers

Most everybody
thinks
my brother
is my sister
but sometimes he is
a little

4 5 8 9

3 2 11 10

14

1

13

"Jack," said mother severely, "there were two pieces of cake in the pantry this morning and now there is only one. How does this happen?"

"I don't know," replied Jack regretfully. "It musta been so dark I didn't see the other piece."

Here's a Brain Teaser

1. P R O B L E M
2. R — — — — E
3. O — — — — S
4. B — — — — S
5. L — — — — A
6. E — — — — G
7. M E S S A G E

2. To accept.
3. The eighth tone in the musical scale.
4. A signal fire.
5. A foreign country.
6. The close of the day.

Fill each blank in the square above with the correct letter and you will have seven words that will read the same across as from top to bottom. The definitions of the words to be supplied are given below the square. If you can complete the square send your solution to the Young Folks' Editor, the Kansas Farmer and Mail and Breeze, Topeka, Kan., who will give a surprise gift each to the first 10 boys or girls answering correctly.



Guess What!

A wall of stone surrounds a ball of gold; Each day it's brought to us upon the table; The children like it, for it makes them grow—

Now who can give this treasure its own label?

To Keep You Guessing

Read these riddles aloud to the family, withholding the answers, and see how many can guess them. You are welcome to send your favorite riddles for publication here.

What two letters of the alphabet do all children want? C and Y (candy).

—Marie Ray, Hilrose, Colo.

What is it that has five fingers but has neither flesh nor blood? A glove.

—Inez Lorena Liston, Linn, Kan.

Why is a dull knife like coffee? Because it has to be ground before using.

—Martha Egger, Goodland, Kan.

What skin makes the best slippers? A banana skin.—Rose Candrea, Arrington, Kan.

Why is grass like a mouse? Because the cat'll eat it (cattle eat it).—Blanche Skiff, Gypsum, Colo.

Can You Read It?

An elderly school teacher, having been told a pretty "tall story" by a pupil whom he suspected of breaking one of the rules, wrote on the blackboard as follows:

F F A H C H T I W T
H G U A C T O N E
R A S D R I B D L O

Then he asked the pupil to remain until he could read what was written—and make sense. The pupil finally did it. How, and what did he read?

In Our Letter Box

I enjoy reading the boys' and girls' letters. I decided to write one myself. I live on the western slope of the Rocky Mountains where there is wonderful trout fishing. I live on a ranch 9 miles from Parlin. We have four cows and four calves, four sweet kittens and lots of chickens and 13 chicks. I have a twin sister. Her name is Luella. We are in the fifth grade. We ride a white pony named Chloe to school. Won't some of the young readers write to me?

Parlin, Colo. Louise Conklin.

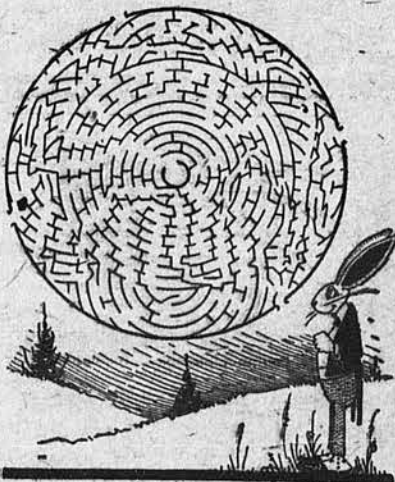
From Spring Valley Farm

I am 11 years old. We call our farm Spring Valley Farm. Walnut Creek runs thru it and when it rises it takes out our bridge. My pony's name is Daisy. She is black. My brother's dog's name is Curly. I help my mamma with the chickens and the turkeys.

Beeler, Kan. Ruby Salmon.

A JUNGLE MAZE

BY WALTER WELLMAN



Enter the maze at the correct opening and with your pencil draw the picture of an animal, not crossing any line. What is the animal? Send your answer to the Puzzle Editor, the Kansas Farmer and Mail and Breeze, Topeka, Kan. There will be a package of postcards each for the first 10 boys or girls answering correctly.

Making Shadow Pictures on the Wall



A CHINA PLATE MAKES THE SHELL

The Snail

TRY AND SEE IF YOU CAN
MAKE HIM CRAWL
OR DRAY BACK INTO HIS SHELL

A Simple Guide to Proper Food Selection

Nourishment—Grape-Nuts with cream or good milk contains every element necessary for perfect nutrition.

Digestibility—Grape-Nuts is partially pre-digested by 20 hours' baking. It is easily assimilated by child or adult.

Flavor—Grape-Nuts, made of wheat and barley, is sweet with natural sugar self-developed from the grain in the making. It has a delightful, nut-like flavor.

Character—Grape-Nuts is *real* food—the kind you can depend upon for strength and energy. Its crisp granules invite thorough mastication, thus helping to keep the teeth and gums healthy.

Economy—Grape-Nuts is so compact that a package contains many servings; and each serving provides unusual nourishment. A portion for the cereal part of a meal costs about *one cent*.



Grape-Nuts
FOR HEALTH
"There's a Reason"

Made by Postum Cereal Company, Inc.,
Battle Creek, Michigan.

Our Special Fall Offer!

Realizing that at this time of the year the majority of people are interested in taking a good daily paper through the fall and winter months and that they would like the paper to expire about April 1st, we have decided to make this Special Offer on the Topeka Daily and Sunday Capital—7 big issues from NOW to April 1, 1924, ALL for \$2.50.

This is a nice saving to you as the regular yearly subscription price is \$6.00.

I know you will want to keep posted on just what our New President, Calvin Coolidge, is doing, just what legislation he will propose to Congress and whether he will carry out the policies of our late President, Warren G. Harding.

There is no paper that will keep you as accurately informed with world, national and state news as the Topeka Daily Capital and I am sure you will want to take advantage of this special offer at this time.

Use This Coupon. DO IT NOW

(Offer not good in city of Topeka, or
by carrier, or outside of the State.)

Topeka Daily Capital, Topeka, Kan.

Enclosed find \$2.50 to take care of my subscription to the Topeka Daily Capital the balance of the year and to April 1st, 1924.

Name.....

Address.....

Health in the Family

The Beauty That is Skin Deep May Often Have a Better Foundation Than We Imagine

DR. CHARLES H. LERRIGO

BEAUTY that really is skin deep has a mighty good foundation. Our grandfathers and grandmothers did not know so much about the skin as we do. They did not know that it is as important as the urinary system, that also working in a different way it does as much work and is equally necessary.

Of late years girls and women have gone in for giving the skin a great deal more attention. The result is that you find women 40 to 50 years old, right at the ages where they used to talk of being "old," looking as fresh as their own daughters. They take a sponge or tub bath every day—many of these women. It is not such a terrible ordeal. They have a room of comfortable temperature and the water they use does not have to be cold, nor do they need to use very much of it. But they get action on the skin with a big rough towel and make it glow until it is pink all over as the blood rushes into it. They find it a better tonic than any medicine they can take. It puts elasticity into the skin and helps to take out the sagging wrinkles, to say nothing of the lift it gives to the complexion.

These women spend some time every day rubbing lotion and cream into the skin too. They have a number of different creams and they use them on the exposed parts of the skin in such a way that it is quite out of the question for grime to become ground into hard lines as was the case with their grandmothers. Some of them may add a little coloring matter, but my private opinion is that they are better off without it.

Does it make for real beauty? I think it does. It really makes them younger. The skin is a worker and it does better work for being well treated. Its improved action lightens the load of the kidneys and liver, and the heart and arteries feel better because of that. My opinion is that these women look better because they are better. The beauty that shows in their faces is the beauty of improved health. Let us have more of the beauty that is skin deep.

Cause of Floating Kidney

Will you please tell me cause of floating kidney? What can be done to relieve condition? Is there no cure other than operation?
L. W. J.

Floating kidney often follows a wasting disease in which the fat normally surrounding the kidney becomes absorbed. The trouble may also come from violence or from other causes. When floating kidney produces no distressing symptoms it may be ignored. Floating kidney that impairs health usually requires a surgical operation for relief. However, it may sometimes be greatly helped by wearing a belt or girdle especially designed for support.

Remedy for Itch

Please tell me a remedy for itch. Is it necessary to fumigate to kill the itch germs in mattresses and other bedding that cannot be washed?
R. E. S.

Sulfur ointment is the standard remedy for itch and will effect a cure in 90 per cent of cases. Anyone can contract itch from anyone else who has it, or from clothing, or bedding that is infected. Mattresses and other bedding that cannot be washed should be fumigated. However the itch mite will not stay long in an unused mattress and a few days' exposure to the sun will usually clear up the trouble.

Prostate Gland Trouble

I am 73 years old. My general health is good, only I have to get up nights five or six times to urinate. I can't sleep but have no pain of any kind. I have had medicine from two of our local doctors, but no help. Will medicine do me any good? Frank D.

Your trouble is most likely due to an enlargement of the prostate gland. I fear that you will not get much relief from medicine. Sometimes it becomes necessary to empty the bladder by means of a catheter. This is a last resort because once begun it may have to be continued and there is danger of bladder infection.

Offensive Perspiration

Please tell me why I perspire so much in armpits. And what to do to correct the

odor. I am 19 years old and seem to be in good health otherwise.
S. K. F.

Everyone sweats freely in the armpits, but some are more troubled than others. It may be relieved somewhat by sponging the parts once daily with a solution of formaldehyde made by putting 1 teaspoonful of formalin into a pint of soft water. In addition to this the armpits may be wiped dry several times daily and dusted over with borated talcum.

The Farniscope

Privileged

Little Harry—"I wish I were you, uncle."

Uncle (who has been invited to dinner)—"Why do you wish that, sonny?"

Little Harry—"Because they don't punish you when you eat with your knife."

A Severe Indictment

Alice for the first time saw a cat carrying a kitten by the nape of its neck.

"You ain't fit to be a mother," she cried scathingly. "You ain't hardly fit to be a father!"

No Objection

Uncle John took little Florrie to the doll department in one of the big shops and said: "Now, Florrie, which shall it be—a boy or girl?" "Twins," promptly replied Florrie.

Dangerous If Catching

"So your father is ill. I hope it is nothing contagious."

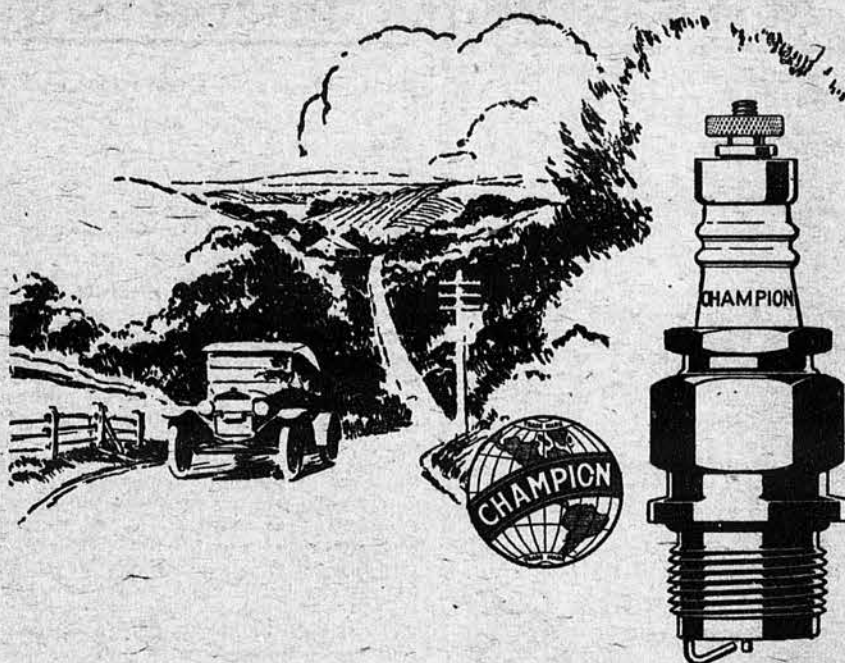
"So do I. The doctor says he is suffering from overwork."

A Vain Hope?

Mothers hope that their sons will be what they thought their husbands were.

Help! Help!

A Florida paper says the moonlight in that state is so bright that the owls are dying of insomnia.



Champion X is the standard spark plug for Ford Cars and Trucks and Fordson Tractors. Recognized by dealers and owners for 10 years as the most economical and efficient spark plug. Sold by dealers everywhere.

Because more than 65 per cent of all spark plugs produced are Champions the price of the Blue Box Line is but 75 cents and Champion X 60 cents.

The savings made possible by Champion's tremendous production are passed on directly to the car owner through these lower prices.

No matter what make of car, truck or tractor you drive, Champions in every cylinder will make certain better service. There is a type and size for every engine.

At dealers everywhere. You will know the genuine by the Double-Ribbed core.

Champion Spark Plug Co., Toledo, Ohio
Champion Spark Plug Co. of Canada, Ltd., Windsor, Ont.

CHAMPION

Dependable for Every Engine

A GOOD INVESTMENT

LEWIS' LYE

Soap Maker Supreme for Fifty Years



Five cans, grease and water added according to directions on label, make 100 eight-ounce bars of pure soap—turns 75 cents into \$7.50



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Business and Markets

National Incomes Almost Double, While Farm Revenues Increase 234 Million Dollars

BY JOHN W. SAMUELS

EVERYTHING seems to indicate a tremendous trade revival this fall. Business is coming back good and strong and bigger and better things seem to be in store for the farming industry. Our total national income has increased from 34,000 million dollars to 50,000 million dollars while our savings deposits have grown from 6,000 million dollars to more than 14,000 million dollars.

"More active business in many industries throughout the country, is evident," says the Monthly Review of the First National Bank of Boston. "After a summer marked by unusual industrial stability, a growing confidence in improving trade conditions is widespread. No actual boom is expected nor desired, but opinion is fairly general that reasonably good business will be maintained thru the winter. Car loadings, averaging for 14 weeks over a million cars, is sufficient evidence of the satisfactory volume and free passage of goods to the consumer, who has been supporting retail trade at a high level. The dearth of forward orders which followed the reaction last spring is giving way to better buying all along the line. Even in cotton textiles, one of the hardest-hit industries, orders are beginning to come in and mill curtailment is lessening. The expected fall demand is materializing."

Business Confidence Restored

"Returning confidence in the immediate prospect for business," says the National Bank of Commerce of St. Louis, "has been the most significant development in the domestic economic situation during the past month. This has been chiefly reflected in the revival of buyers' interest in a number of important lines and in the improved tone of the security markets. In addition, some basic raw materials have shown greater firmness."

Farm prices are strengthening. In fact, prices of 18 important farm products are higher now than a month ago and six are lower. Compared with a year ago, 21 are higher and three are lower.

Combined receipts of cattle at seven leading markets in the last month were the largest for the corresponding period with one exception in 10 years, and were much heavier than during July as a result of the range and pasture cattle movement. Nevertheless, prices have held up fairly well on all grades thru August and September and the better kinds which have been scarce are higher than a month ago.

Heavy Receipts of Hogs

Altho receipts of hogs in the last month were considerably heavier than ever before at this season, they were substantially less than in July and prices advanced to the highest point since last October. Domestic consumption continues at a record rate and packers report an increase in export sales. The spring pig crop which will begin to come on the market in this and next month, is estimated to be about 1 per cent larger than a year ago but producers are not feeding to such heavy weights.

What is regarded as a tremendous increase in domestic consumption of pork in the United States has occurred during the last seven months, accord-

ing to data compiled by the United States Department of Agriculture. Consumption of carcass pork produced under Federal inspection between January 1, and August 1, 1923, is estimated at nearly 4,000 million pounds, as compared with a little more than 3,000 million pounds during the corresponding seven months last year. This increase is more than 800 million pounds, or approximately 7 pounds for each person in the United States.

Combined exports of bacon, hams, shoulders and lard also show an increase for the seven months' period. Outbound movements of bacon, hams, and shoulders amounted to 462 million pounds as compared with 361 million pounds last year; lard shipments were 619 million pounds compared with 430 million pounds a year ago.

Professor Green Warns Hog Men

For a period of 57 years it has held true that following two to four years of good hog profits there comes two to four years of leaner profits, points out R. M. Green, marketing authority at the Kansas State Agricultural College. Since 1920 the price of corn relative to the price of hogs has been such as to make the hog business, as a whole, profitable. It was to be expected that hog men would soon be facing a less favorable time unless producers reacted differently to good prices than they ever did before. The production figures on number of hogs in the country show that producers have responded to good prices about as they always have. In Kansas, for instance, the hog population has increased from 1,263,294 in 1921, about the middle of a good hog profit period, to 1,671,336 in 1922, says Professor Green.

The fact that Kansas farmers are facing a period of leaner hog profits does not mean that they should all quit hogs. It only means that it will be a more difficult job to make a profit out of them. The poor, inefficient swine producer who doesn't care much for hogs, anyhow, better quit for a while, in Mr. Green's opinion. The good hog man will continue the same job but work in a different way. His problem is meeting a new set of conditions for a few years.

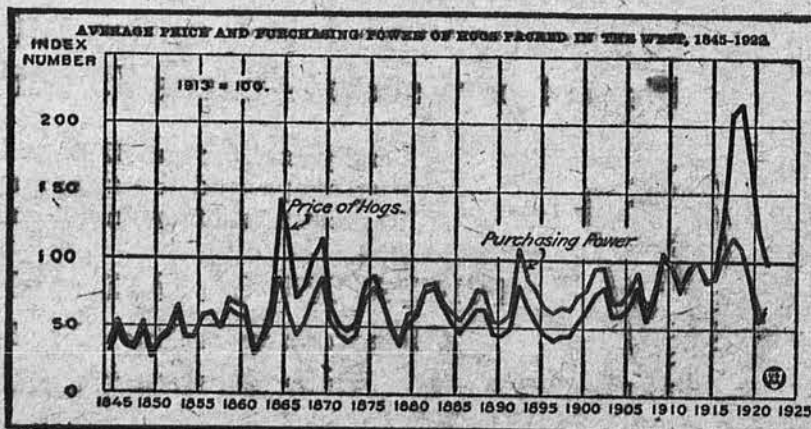
For instance, while Kansas farmers have increased the number of hogs 1/2 million from 1921 to 1922, they cut the alfalfa acreage during the same period from 1,064,741 acres to 910,631 acres. This may indicate a condition that is all right for the hog man when corn is low and hogs are high, but it suggests a reversal of policy on the part of many Kansas farmers who attempt to market hogs to an advantage in the period immediately ahead. Mr. Green believes that cheap feeding is the answer to what will be a production and not a marketing problem.

Seasonal Slump Coming Now

The hog market just now faces the usual seasonal slump in prices which comes in October and November. In only six years out of 43 have top hog prices in Kansas City been higher in October than in September and in only four out of 43 have they been any higher in November than in October.

In view of the importance of price in determining movements of hogs to market it may be worth while to con-

(Continued on Page 28)



A Study of the Chart Shown Here Brings Out Many Interesting Points in Regard to the Purchasing Power of Hogs as Compared With Market Prices

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Do You Want To Sell—or Buy A Farm

124,000 Families read this paper every week. Turn to Page 31 and see how easy it is to talk to these people thru its "REAL ESTATE MARKET PLACE."

Letters Fresh From the Field

FARMERS are urged to make free use of this page to discuss briefly any matter of general interest to rural communities. Address all letters intended for this purpose as early as possible to John W. Wilkinson, Farm Letter Department, Kansas Farmer and Mail and Breeze, Topeka, Kan.

Give the Hens a Vacation

Doubtless most of us think of giving the hens a rest from egg production at molting time but experience has taught me that it is profitable to give them a rest in the spring when egg prices drop so low owing to the great supply of eggs, that they are practically worthless so far as marketing them is concerned.

Of course chickens on free range will pick up all they need for ordinary egg production as it is their nature to do in the spring of the year but once their appetite for insects and green feed is satisfied, and hot weather comes on they are prone to let up their work and egg prices begin to ascend accordingly.

I have found that by shutting down the feed almost if not entirely, according to range conditions I can control this excessive production in the spring and the hens are then ready to carry out a 10 months' regular routine when prices begin to rise.

As an individual I do not influence the market conditions in the least, but the point is that when this entire locality ran out of grain last year and the hens had to rustle as soon as rustling was to be done in the spring the price of eggs held up. April and May showed egg quotations at 15 cents. Early in June the price began to rise and in August were 30 cents as against 20 cents at the same time a year ago.

I hate to confess it but I really fed my flock out of the grocery store and reaped a profit, for 75 hens not only paid the grocery bill for a family of five, they paid for their own cornmeal, oyster shell, graham flour and some meat. Local conditions do not as yet cause merchants to handle commercial poultry feed.

Rosa D. Willis
Mancos, Colo.

Tractors Versus Horses

In the September 1 issue of the Kansas Farmer and Mail and Breeze, Ralph L. Duncan voiced some of his objections to tractors, saying that they reared back and killed the drivers and that the exhaust gas was poisoning, and the vibration injurious to tractor drivers.

I wonder whether Mr. Duncan ever has stopped to consider that accidents to tractor drivers are invariably the result of carelessness on the part of the driver just as automobile accidents usually are the result of reckless driving. Has he ever thought of the hundreds of thousands of tractors at work on American farms and then thought how few indeed have been the fatalities with these tractors? Does he realize that more farmers are killed by frightened horses or mules than are killed by tractors? The "rearing up" scare has just about died down since tractor operators discovered that racing an engine when the wheels are stuck will cause it to buck and rear. You can't tip one tractor in a thousand over backward, no matter how hard you try.

As to poison gases, they certainly aren't claiming very many lives out in the open air, and if a man will insist on running any engine inside a closed shed with the doors and windows closed, he can't expect to have much pure air left to breathe. But out in the field, there's mighty little of the gas that ever gets into a man's lungs.

As to the vibration of the tractor, it is no worse than that of a farm wagon traveling over a rough road. The boy he cites as having a nosebleed whenever he drives a tractor would have the same trouble riding on a wagon, no doubt. Why blame the tractor for his nose-bleed?

Manufacturers have done a great deal to eliminate the troubles Mr. Duncan cites. They have distributed the weight of their machines in such a way that rearing up is practically eliminated, altho some careless drivers will still try to do the foolhardy thing. They have turned to multiple cylinder engines for their tractors to eliminate

the vibration, and they have made a study of wheel lugs to cut down the shaking when the tractor travels over hard ground or highway.

The offensive gas odor from a tractor engine is largely due to faulty adjustment of the carburetor which is the fault of the driver and not the manufacturer. A properly set carburetor will not produce offensive gas, especially when the tractor is out in the open air. In a closed shed, any engine will make a smell and give off gas which should not be breathed for any length of time.

F. McCall.
Shawnee County, Kansas.

About the Supreme Court

I am glad to see Senator Capper has finally admitted the Supreme Court of the United States has not followed a course that would build up any great amount of confidence in them or their decisions. In fact I think the Senator is about ready to seek in the Constitution the source of this court's assumption that they have the right to review acts of Congress and decide whether Congress is the supreme legislative authority or whether the Supreme Court is superior.

If the Senator will refer to Article 3, Section 3, of the Constitution, he will

find this court is subject to such regulations and such restrictions as Congress may provide.

Our old view of the Supreme Court that they were too high-minded to even think of rendering any decisions that were not strictly in line with these views has been rudely shattered, and we find they are just common clay and not averse to using their high office for the benefit of special privileges.

Omaha, Neb.

W. B. Porter.

When Nations Go the Pace

In reading history, we find temperance work has done more to bring about a reformation among nations that have become unruly and corrupt than any other work that has ever been done. Even in the Bible we read where a nation had become so corrupt and intemperate the liquor traffic had got into the pulpit and church. But some faithful, persistent, Christian temperance workers kept busy, with here a little and there a little, sowing the seed of temperance in all things, and leaving the results with God, and in so doing good, peace was restored, and the nation began again to prosper.

To be intemperate in eating, sleeping, joyriding, going to picture shows, and dancing until the roosters crow, is just as intemperate and disobedient to God's laws as to be a drunkard.

Our American people have become as intemperate in these evil habits as our foreign nations.

Beatrice S. Snowden.
Stone City, Colo.



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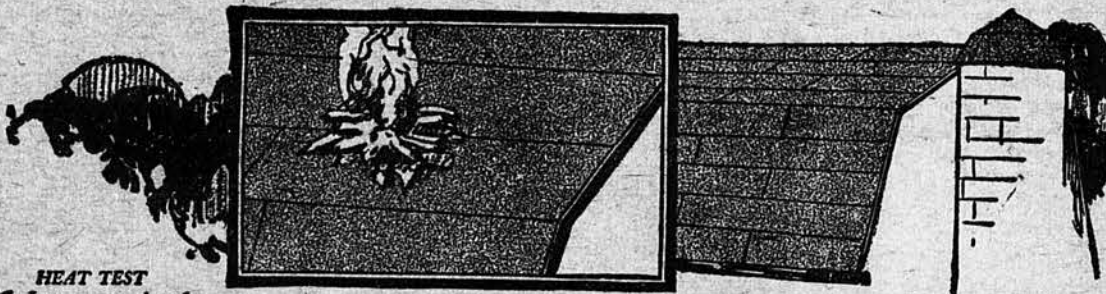
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3 Soak the sample in water for 12 hours—see if, by weight, it will absorb any water.

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4 Immerse the sample in muriatic acid—see if it is affected in any way.

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5 Lay a burning ember on the sample—see if it will set it on fire.

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6 Lay sample on the floor; scuff it hard with your shoe—see how little of the slate surfacing will come off.

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tough, elastic, genuine Mexican asphalt and live, long-fiber, pure rag felt are used in its making—no cheap, inflammable pitch, tar, straw or other adulterants. It is triple saturated, under pressure, by the famous Glendinning Process, leaving no porous spots to admit moisture and start rotting or crumbling.

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Farm Crops Worth Billions

The Recent Good Rains Insure Unusually Big Yields of Corn and Sorghums in the West

BY JOHN W. WILKINSON

EXCELLENT rains during last week and part of the present week have fallen in practically every part of Kansas and the ground is now in good condition for plowing, and the seeding of wheat. The warm weather has developed the growth of the late corn and late sorghums to such an extent that these crops will be fully matured before any killing frosts come. All of the corn that will be cut for feed is now either in the shock or the silo.

Everybody Busy Sowing Wheat

Wheat sowing is in full swing and if occasional rains come and keep the ground moist the work can be finished in time for the crop to get a good start before freezing weather arrives. S. D. Flora, United States Weather Observer at Topeka in his last report says: "From 20 to 50 per cent of the wheat sowing has already been done in the western third of the state and 10 to 20 per cent in the middle third and it is coming up to fine stands. In the eastern third wheat sowing has begun in most localities, but there is a strong tendency for farmers to delay this work until the fly-free dates, which range from October 2 in the northeast counties to October 13 in the southeastern. Grasshoppers are reported to be unusually thick in some of the north-central counties. There is an unusual amount of volunteer wheat in all parts as a result of the great amount of moisture that has fallen lately."

"Pastures are improving generally. The fourth crop of alfalfa is making a fine growth in the eastern counties. In the southwest broom-corn pulling is in full swing. Apple picking is general in the commercial orchards of the state. About 25 per cent of the crop has been picked in Sedgwick county."

Farmers are Buying Liberally Now

The outlook for farming in Kansas is generally considered good for this season of the year, and the same is true in Colorado. Merchants in these states report that farmers this fall are buying more liberally than they have for several years. A good fall demand in the Eastern states for farm products is seen by A. B. Genung, Government Economist of the United States Department of Agriculture who has just returned from a two weeks' tour of manufacturing and farming sections. Mr. Genung interviewed a number of leading bankers, manufacturers, business men and farmers in New York, New England, and Pennsylvania.

"Industrial wages are high and labor is fully employed except in a few cotton mills," Mr. Genung says. "The high purchasing power of consumers has tended to increase prices of farm products. Many of the important Eastern crops including corn, potatoes, cabbage and buckwheat have been sharply reduced by drought and early frost."

According to the United States Department of Agriculture on the average in 1922 it cost farmers 66 cents a bushel to produce their corn; \$1.23 a

bushel to produce wheat; and 53 cents a bushel to grow oats. Costs this season of course will vary considerably from these but all authorities agree that the farmer's income this year will be much larger than for last year. The increase will not be less than 231 million dollars and may be as much as 1,000 million dollars. The American Farm Bureau Federation estimates the sales for the last crop year of the United States at 3,479 million dollars and the sales for the present year at 8,710 million dollars.

In this connection it will be interesting to compare the sales of farm products at present with those of former years. The accompanying chart shows sales from farms for each month from July, 1919, to June, 1923, in millions of dollars. The heavy line at the top shows the total cash income; the light solid line, income from sales of crops; and the dash or broken line, income from sales of livestock and animal products. This chart indicates the course of the inflation just after the close of the war, the depression of 1920-21, and the recovery of 1922-23, as well as the pronounced seasonal concentration of income in the autumn.

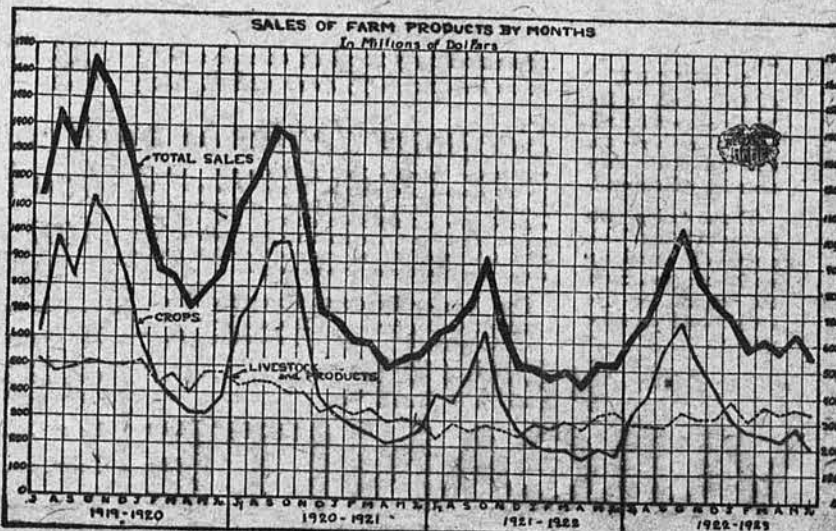
Most Prosperous Months

The smallest monthly income in the four years was in April, 1922, when the usual seasonal slump was combined with the low prices still prevailing at that time. Every month of 1922-23, except July, 1922, showed an increase over the corresponding month in 1921-22. The increase for the year was about 20 per cent and was greater than the increase in the general price level. During the late winter and spring of 1923, dollar sales have been running a little higher than in the spring of 1920, the gross purchasing power is yet considerably below normal.

There is a very pronounced seasonal concentration of farmers' income in the months of September, October and November. This seasonal peak is produced most largely by the fall crop movement. Receipts from sales of livestock, and still more of animal products, are much more constant throughout the year. However, there is some seasonal variation in all of the important products. The greatest volume of crop movements is usually in October and, altho prices tend to fall at that time, this decline is more than offset by the greater physical volume.

Cattle Sales Heavy in October

In cattle, the largest dollar sales are in October with a secondary peak in the spring. In hog sales the highest peak is in January with a smaller one in the spring, varying anywhere from March to June. In sheep, the peak is in September and October. The greatest sales of horses occur in January when the farmer demand is at its height, tho there is a secondary peak in the fall when the chief movement to city markets occurs. In the animal products of which the most important are milk, butter and butterfat, poultry and eggs, (Continued on Page 31)



This Chart Shows Sales From Farms for Each Month of the Year From July 1919 to June, 1923; the Heavy Line Represents Total Cash Income for Farmers

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to trappers who ship furs to GILLESPIE this season, as per our new 1923 24 announcement now ready for mailing. Write us TODAY—be first to get traps in your locality.

GILLESPIE FUR CO. 387 Gillespie Bldg. ST. LOUIS, MO.

Seed Wheat
Good wheat seed will be in demand this Fall for planting. You can sell your surplus at a good price through classified advertising in KANSAS FARMER and MAIL & BREEZE, which is read by 130,000 farm families every week. Use the order blank in this issue for sending in your copy.

Dairy Hints For Farmers

Now is the Time to Make Preparations for the Winter Season Before Cold Weather Arrives

BY J. H. FRANDSEN

SOME morning very soon we are going to wake up and find the mercury hovering around the freezing-point and the cows huddled along the pasture fence nearest the barn. Will your barn be ready to let them in, or will it be musty, unclean and sadly in need of repairs?

Now is the time to fix up the barn for winter, and thus avoid the rush of the first wintry day that comes along. First mend the broken stanchion and window-panes, tighten the loose hinges and adjust the litter-carrier and track so that it runs smoothly. Then thoroughly clean out the barn, brush down cobwebs and sweep out accumulations of dust, dirt and hay from the corners.

Finally disinfect and whitewash the building. The danger of spreading disease—tuberculosis, abortion, pneumonia and the like—will be reduced by these disinfection, while whitewashing will not only lighten the interior and give it a more attractive appearance, but will sweeten the barn and remove undesirable odors.

Whitewash made according to the Government formula has proved satisfactory under a variety of conditions. It is made as follows:

Mix 1 bushel of quicklime with about 12 gallons of water.

Then dissolve 2 pounds of salt and 1 pound of zinc sulphate in a mixture of 2 gallons of skim milk and 2 gallons of hot water.

Mix the two solutions and let the mixture stand in container a short time before using.

These Feeds Are Best

Feeds rich in protein and mineral will best supply the needs of the cow with calf. For roughage, feed all the alfalfa hay, or good pasture, and silage that she will eat. Then feed 3 to 8 pounds of grain, according to the condition and size of the cow. A simple grain mixture is made up as follows: 4 parts of ground corn, 2 parts of oats and 2 parts of bran by weight. Or more variety may be introduced by feeding a mixture made up of 3 parts of ground corn, 2 parts of oats, 2 parts of bran, and 1 part of oilmeal.

Ten days before calving begin to eliminate the corn, making the ration more laxative. Equal parts of bran and oats will be good for feeding during this period. The day before calving it is good practice to feed only a few pounds of bran mash. The feeding of laxative feeds adds to the ease of calving.

Cows fed in this way will normally drop strong, healthy calves, will produce more milk, and will milk for a longer period of time than will cows that freshen in poor condition. Try it in your own herd, and see for yourself.

What of the Dry Cow?

"No, we're not feeding our cows now. They'll be coming fresh in a couple of months, and so don't give any milk to mention. Besides, pastures are still pretty good, so I reckon they're getting all the feed they need." So a friend of mine informed me the other day when I made him a visit. And he calls himself a good farmer.

Is that your attitude too, reader? Then let me try to prove to you, as I did to my friend, that starving the cow carrying a calf does not pay. No one who realizes the drain upon her system will follow such a course.

Consider the dry cow as a mother and as a future milk producer. Carrying a calf taxes her severely. Besides nourishing her own body, she is building up a 70 to 90 pound calf, and the growth of the unborn calf is particularly rapid during the last three months before calving. It takes feed, good feed and plenty of it, to build up this calf. If you limit the cow's feed, she will draw from what she needs herself to give to the calf. Even so, when the calf is dropped, it will be puny and weak.

Moreover, if you wish the cow to produce the most milk, she must carry considerable flesh when fresh. Any fat that she stores up in her body while dry will be milked off after she is fresh, and the more fat there is to draw from, the larger will be the milk flow. And, of course, the larger the milk flow, the more money will find its way into your purse.

Isn't it logical then to feed the dry cow well? Isn't it good business practice? Won't it pay you in dollars and cents? Experienced dairymen all over the country find that it does.

Farm Bulletins For October

The following Farmers' Bulletins of the United States Department of Agriculture will be found of interest to farmers in October and may be had free upon request:

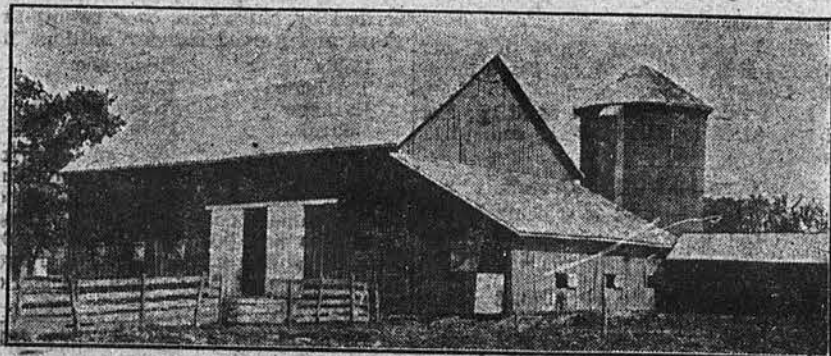
Farmers' Bulletin 900, Homemade Fruit Butters; 926, Some Common Disinfectants; 927, Farm House Conveniences; 970, Sweet Potato Storage; 992, Use of Machinery in Cutting Corn; 1067, Feeding Hens for Egg Production; 1080, Preparation of Barreled Apples for Market; 1096, Frost and the Prevention of Damage from It; 1160, Diseases of Apples in Storage; 1172, Slaughtering and Use of Lamb and Mutton; 1175, Better Seed Corn; 1186, Pork on the Farms; Killing, Curing, and Canning; 1194, Operating a Home Heating Plant; 1223, The Chinch Bug and Its Control; 1250, Green Manuring; 1264, Farm Manufacture of Unfermented Apple Juice; 1265, Business Methods of Marketing Hay.

Department Circular 166, Influence of Winter Rations on Growth of Steers on Pastures; 238, U. S. Grades for Potatoes Recommended by the United States Department of Agriculture.

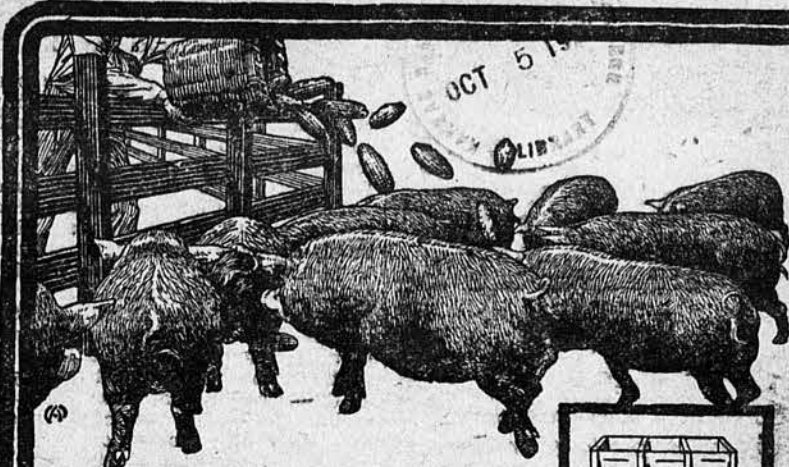
Copies may be obtained free by addressing the Office of the Secretary, Publications, United States Department of Agriculture, Washington, D. C., as long as the supply lasts. Specify number and name in each case and state whether Farmers' Bulletin or Department Circular is desired.

Immunization by vaccination is the only practicable and effective means of protecting animals against blackleg and eventually ridding pastures of the infection, according to the United States Department of Agriculture. This disease, which is found in all climates and altitudes and in practically all parts of the world, is the cause of great losses in this country, particularly in the great cattle raising and feeding sections of the West.

Did you ever notice that where you find poor land you find poor folks and where you find livestock on nearly every farm you find rich land and prosperous folks?



Dairy Barn, Silo and Feeding Shed on the O. Sutherland Farm (Near Carlyle in Allen County. The Barn Holds 25 Head of Stock Without Crowding



CROWD your HOGS for the EARLY MARKET

Keep them healthy—
Free from worms—
Their bowels active—
Fit for thrift.

Feed

DR. HESS STOCK TONIC Conditioner—Worm Expeller

It contains Tonics—That give a hog a healthy appetite—keeps his digestion good. Vermifuges—To drive out the worms.

Laxatives—To regulate the bowels.

Diuretics—To help the kidneys throw off the poisonous waste material.

No clogging of the system under the pressure of heavy feeding, where Dr. Hess Stock Tonic is fed.

Little chance for disease—every reason for thrift!

Tell your dealer how many hogs you have. He has a package to suit. GUARANTEED.

25-lb. Pail, \$2.25 100-lb. Drum, \$8.00

Except in the far West, South and Canada.

Honest goods—honest price—why pay more?

DR. HESS & CLARK, Ashland, Ohio



I spent 30 years in perfecting this Tonic. GILBERT HESS M.D., D.V.S.



Dr. Hess Dip and Disinfectant Kills Hog Lice

Color Your Butter

"Dandelion Butter Color" Gives That Golden June Shade and Costs Really Nothing. Read!

Before churning add one-half teaspoonful to each gallon of cream and out of your churn comes butter of Golden June shade to bring you top prices. "Dandelion Butter Color" costs nothing because each ounce used adds ounce of weight to butter. Large bottles cost only 35c at drug or grocery stores. Purely vegetable, harmless, meets all State and National food laws. Used for 50 years by all large creameries. Doesn't color buttermilk. Tasteless. Wells & Richardson Co., Burlington, Vt.

Imported Melotte

with the self-balancing bowl. Positively cannot get out of balance therefore cannot vibrate. Can't remix cream with milk. Runs so easily, bowl spins 25 minutes after you stop cranking unless you apply brake.

\$7.50
After 30 Days
FREE TRIAL

Catalog tells all—WRITE
Caution! U. S. Bulletin 201 shows that vibration of the bowl causes cream waste. 30 days' free trial—then, if satisfied, only \$7.50 and a few easy payments—**and**—the wonderful Belgian Melotte Separator is yours.

Catalog FREE

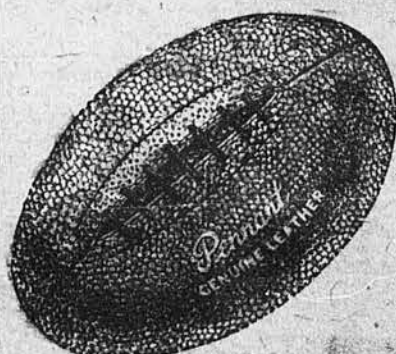
Send today for free separator book containing full description. Don't buy any separator until you have found out all about the Melotte and details of our 15 year guarantee.

MELOTTE H. B. BARSON, U. S. Mfr. Chicago 2843 W. 12th St., Dept. 29-77



There is nothing like passing a good thing along, so as soon as you have read Kansas Farmer and Mail and Breeze, pass it along to your neighbor.

FOOT BALL



For the Boys

Every live, wide-awake, red-blooded boy is interested in the game of Foot Ball. No better sport can be had than to spend your idle hours playing a rough-and-tumble game of Foot Ball with your boy friends. The game will give you lots of fun and good exercise. This Foot Ball is made of extra good quality selected pebble grain foot ball leather. Heavy duck lining double stitched with linen thread, good quality gray pure gum bladder.

Send No Money

I want to give every boy reader of this paper one of these fine Foot Balls just for a little easy work which you can do in an hour's time distributing six packages of beautiful Post Cards on our big, easy, fast-selling offer. Be first boy in your neighborhood to get a Foot Ball. Write today, a post card will do—just say I want a Foot Ball.

BILLY SCOTT, Manager
502 Copper Bldg., Topeka, Kansas



GIVEN! Genuine Hair Cream as pictured. Regular size, snap-shot and time exposure. It's a beauty. Yours for selling only \$3.00 worth (12 boxes) famous Menthon-Salve which everybody should buy at sight. Send no money. We trust you'll give us a good word. Write today.

U. S. Supply Co., Dept. H-6, Greenville, Pa.



**SOFTENS
HARD
WATER**

**RUB-NO-MORE
WASHING POWDER**

**STILL
5¢
A PACKAGE**

You save even more money
by buying the large package.

Cleans, purifies and sterilizes
dairy vessels, dishes and other
farm utensils. Makes dish and
clothes washing easy. Saves soap!
BUY IT FROM YOUR GROCER



SAVE THE TRADE MARKS

**New 300 Candle
Power Lamp**

BURNS 96% AIR

Greatest lamp improvement of age—
patented. Twenty times brighter
than wick lamps at one half the cost.
Brilliant, soft, white light. Restful to
eyes. No smoke—no soot—no odor
—easy to operate. Absolutely safe. Burns
with match. Most economical made. Burns
96% air—4% gasoline or kerosene (coal-oil).

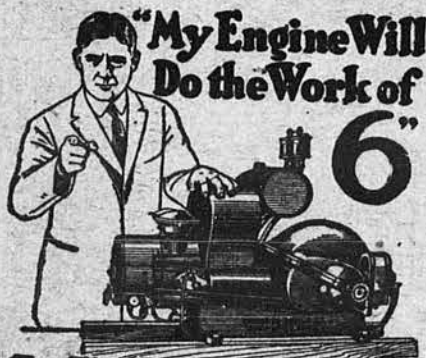
30 Days Trial Prove for your-
self. Use it 30
Days at our risk. No obligation. Get Free
Trial plan and special introductory offer. Send
for attractive catalog describing table lamps,
wall lamps, hanging lamps and lanterns.
Write now—today.
**Agents Make Big Money. Write
Quick for Free Outfit Offer.**
The Akron Lamp Company
1190 Lamp Bldg., Akron, Ohio



Used Machinery

Can be sold or traded by using
classified advertising in KANSAS
FARMER AND MAIL & BREEZE
which is read in over 60% of the
farm homes of Kansas.

What you don't need some other
farmer does, and you may have
just what the other fellow wants
if he only knew where to get it.
The cost is small and results big.
Use the order blank in this issue
and send in your copy.



**Try This Remarkable Engine
FREE**

The Edwards Farm Engine sells
direct to you at low factory
price. No other engine like it. 1 1/2 to 6
H. P. in one engine. Change power while
running. Efficient at all powers.

Fits Every Farm Job

Pumps, saws, grinds, cuts ensilage, runs
spray rig, concrete mixer, washer—any-
thing up to 6 H. P. Portable. Burns
kerosene or gasoline. No cranking. All
moving parts enclosed. Work it anywhere
without fastening down. Endorsed by
thousands of users.

Clarence Rutledge, of Ontario, says:
"Have given my Edwards four years' steady
work and like it fine. Runs 28-inch wood
saw, 8-inch grinder, ensilage cutter and does
all chores. Have had ten other engines.
The Edwards beats them all." Write now
for full description of Edwards Engine, low
factory price and details of free trial offer.

**EDWARDS
FARM
ENGINE**

**For Special
FREE TRIAL
Mail Coupon
Now**

EDWARDS MOTOR CO.
261 Main Street, Springfield, Ohio
Without obligation, send complete descrip-
tion of engine, also free trial offer.

Name _____
Address _____

Business and Markets

(Continued from Page 24)

sider the trend of hog prices over a
period of years. The accompanying
chart shows the courses of prices from
1844 to 1922. These prices which repre-
sent the cost of hogs packed in the
West during the winter season of each
year indicate that the market reached
the lowest point which was \$2.13 a
hundredweight during the winter of
1849, and the highest point, which was
\$17.27 a hundredweight, in 1918.

However, a more accurate concep-
tion of the actual status of commodity
value frequently is gained by a study
of the comparative purchasing power
of different commodities. This point
is brought out in the curve showing
the purchasing power of hogs. For
example, from 1844 to 1913, the price
of hogs advanced more rapidly than
the general commodity level. If it is
assumed that in 1913 a dollar's worth
of hogs would purchase a dollar's
worth of other commodities, then in
1844 a dollar's worth of hogs would
purchase only 37 cents' worth of other
commodities. The post-war adjust-
ment following the close of the Great
European war carried hog prices down
to an average of \$7.92 during the win-
ter of 1921-22 which was 1 per cent
under the 1913 level. Hog prices, how-
ever, declined so much more than those
of other commodities that their pur-
chasing power was only two-thirds of
what it was in 1913.

Kansas City Livestock Sales

At Kansas City this week livestock
prices in general were lower. Unfavor-
able weather conditions, together
with heavy receipts of range cattle
and sheep in Omaha and Chicago,
were factors in the decline. Hog re-
ceipts exceeded 93,000, the largest
supply in any week in several years
past. Cattle receipts at Kansas City
were relatively small, but big runs of
northwest grassers to Omaha and Chi-
cago saturated all outlet channels.
About the same condition prevailed in
the sheep market.

Receipts for the week were 78,750
cattle, 21,650 calves, 93,058 hogs and
49,500 sheep, compared with 82,300
cattle, 20,425 calves, 78,000 hogs and
60,200 sheep last week, and 87,700 cat-
tle, 22,115 calves, 90,350 hogs and 50-
350 sheep a year ago.

Beef Cattle Top is \$11.65

The receipts of fat cattle this
week were smaller than last week, the
heavy runs at other markets slowed
down trade and weakened the market.
Declines were in evidence early in the
week, and were unchecked until the
end of the week, when demand broad-
ened some and a fairly good clearance
was reported. The net decline in
steers for the week was 25 to 40 cents,
and this took the general market into
a new low position for the year. The
best fed steers at Kansas City this
week sold at \$10.50 to \$11.65, and this
included both yearlings and heavy
grades. Other fed steers sold at \$8 to
\$10.25, grass steers \$4 to \$7.75 and
winter summer grazed steers \$7.75 to
\$8.50. Cows and heifers were steady
to 25 cents lower, and best veal calves
steady.

Trade in stockers and feeders this
week slowed down considerably. Wet
weather kept some buyers away, so
that the let-up in demand is considered
only temporary.

Hogs Stage a Slight Rally

Hog prices started down Monday
and the decline was unchecked until
today, when the market rallied 10 to
15 cents from the low levels of Thurs-
day. The net loss for the week is 50
to 60 cents in the better classes and as
much as 75 cents in the plainer kinds.
The top price was \$8.10 and bulk of
sales \$7.40 to \$8. Packing sows sold
at \$5.75 to \$6.25 and stock hogs and
pigs at \$6 to \$6.35.

Sheep, Horses and Mules

Sheep—Closing prices for lambs are
75 cents to \$1 lower than a week ago,
but slightly stronger than the low
point recorded on Thursday. On the
close, fat lambs were quoted at \$11.75
to \$12.85, fat ewes \$5.25 to \$6 and
wethers \$6.25 to \$7.50.

Horses—Trade in horses and mules
was fairly active with the better kinds
finding a ready outlet and the plain
grades selling slowly.

Spring chickens declined 1 cent a
pound, but butter and eggs are un-
changed. The following quotations are
given at Kansas City:

Butter—Creamery, extra in cartons,

48c to 49c a pound; packing butter
30c; No. 1 butterfat, 42c; No. 2 but-
terfat, 39c.

Eggs—29c a dozen; seconds, 23c; se-
lected case lots, 36c.

Live Poultry—Hens, 15c to 20c a
pound; broilers, 23c; springs, 18c; tur-
key hens and young toms, 26c; old
toms, 8c; geese, 12c; ducks, 15c to 18c.

Hides and Wool

Not much change is noted in the
hides and wool markets. The follow-
ing prices are reported at Kansas
City:

Hides—No. 1 green salted hides are
quoted at 8c; No. 2 at 7c; side branded
at 6c; salted bulls at 6c; salted glue
at 4c; green salted horse hides, large
size, \$3.25; medium, \$2.75; small,
\$2.25; pony, \$1.25; hog skins 10c to
20c; dry flint 12c; sheep pelts, dry
full woolled 20c to 22c a pound.

Wool—Missouri, clear bright, me-
dium quarter and three-eighths' blood
sold at 38 to 40c; Kansas, Nebraska,
Oklahoma sold as follows: Bright me-
dium, 30c to 32c; dark medium, 28c to
30c; light, fine, 35c to 40c; heavy, fine,
30c to 35c; burry, short and earthy at
usual reductions. Colorado, New Mex-
ico, Utah and Texas, light, fine, good
staple, 35c to 40c.

Hike in Grain Prices

New Canadian crop estimates of 57
million bushels smaller than the Cana-
dian government's latest returns had
much to do with a decided upturn in
wheat prices at Chicago. The market
closed firm, 1/4c to 1 1/4c net higher;
December, \$1.06 to \$1.06 1/2; and May,
\$1.10 1/2 to \$1.11. Corn finished 1/4c to
1 1/4c up, oats at 1/4c to 1/2c gain,
and provisions showing 2c to 25c ad-
vance.

With buying on a much broader
scale than has of late been the rule,
wheat ascended readily and profit tak-
ing sales led to only transient setbacks.
Attention to Washington plans for
farm relief measures counted notice-
ably as an additional bullish factor in
the wheat market, and were more or
less responsible for lifting values just
before the close, which was virtually
at the topmost level. Strength of corn
and oats tended also to aid the wheat
bulls. On the other hand, messages
from the Southwest indicated that
there would be less reduction of win-
ter wheat planting than had of late
been looked for.

High price records for the season
were again outdone in the corn mar-
ket by all months except December.
Wet weather acted as a stimulus to
buyers and it was said farm reserves
were the smallest in 20 years, barring
one instance. Shorts in oats covered
freely.

Provisions were firmer in line with
grain and hogs.

The following quotations on grain
futures are given at Kansas City:

September wheat, \$1.03 1/4; December
wheat, \$1.04 1/4; May wheat, \$1.07 1/4;
September corn, 93c; December corn,
70 1/2c; May corn, 69 1/2c; July corn,
69c; September oats, 42c; December
oats, 47 1/2c; May oats, 43 1/2c.

Estimates on the cotton crop rang-
ing from 9,755,000 to 10,400,000 bales
coupled with the strength of the Liver-
pool market caused an advance of 7
to 31 points in cotton futures with
best gains on December cotton. At the
close of the market the following quo-
tations on cotton futures were report-
ed at New Orleans:

October, 28.18c; December, 28.20c;
January, 27.93c; March, 27.82c; May,
27.63c; July, 27.07c; spots, 28.50c.

Late Cash Quotations

Hard wheat at Kansas City has de-
clined from 1 cent to 2 cents a bushel;
dark hard wheat is 1 cent lower while
red wheat is unchanged. The follow-
ing sales are reported at Kansas City:

No. 1 dark hard, \$1.08 to \$1.25; No.
2 dark hard, \$1.08 to \$1.25; No. 3 dark
hard, \$1.07 to \$1.24.

No. 1 hard wheat, \$1.06 to \$1.24;
No. 2 hard, \$1.05 to \$1.23; No. 3 hard,
\$1.08 to \$1.22; No. 4 hard, 95c to \$1.20.

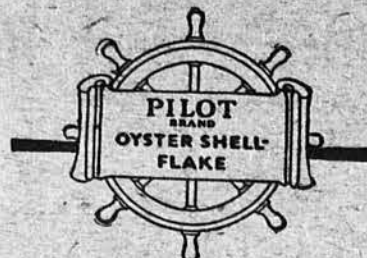
No. 1 red wheat, \$1.16 to \$1.17; No.
2 red, \$1.15 to \$1.16; No. 3 red, \$1.11
to \$1.14.

Corn and Other Cereals

Corn is unchanged to 3 cents lower.
Kafir and milo are unchanged. The
following prices are quoted at Kansas
City:

Corn—No. 2 white, 90c; No. 3 white,
89c; No. 4 white, 88c; No. 2 yellow, 89c
to 90c; No. 3 yellow, 88c; No. 4 yel-
low, 87c.

Oats—No. 2 white, 44c; No. 3 white,
(Continued on Page 37)



FOR POULTRY

You must not neglect
the egg shell and pos-
sibilities of more eggs

REMEMBER that saleable
eggs must have hard shells
to resist breakage. Hens require
plenty of pure crushed oyster
shell if they are to lay a large
supply of hard shelled eggs.

PILOT BRAND Crushed Oyster
Shell-Flake is the best egg build-
ing food for your hens, because
it is over 98% calcium carbon-
ate, the element which forms
the egg shell. **PILOT BRAND** is
pure oyster shell, crushed, dried
and graded in chick and adult
sizes. It is packed in new 12-oz.
100 lb. burlap bags. If your
dealer hasn't Pilot Brand, write
us, sending his name, and you
will be promptly supplied.

**OYSTER SHELL
PRODUCTS CORP.**

Security Building
St. Louis, Mo.



Keep **PILOT
BRAND** Always
Available to
Poultry



Aspirin

Say "Bayer" and Insist!



Genuine

Unless you see the name "Bayer" on
package or on tablets you are not get-
ting the genuine Bayer product pre-
scribed by physicians over twenty-two
years and proved safe by millions for

Colds Headache
Toothache Lumbago
Earache Rheumatism
Neuralgia Pain, Pain

Accept "Bayer Tablets of Aspirin"
only. Each unbroken package contains
proper directions. Handy boxes of
twelve tablets cost few cents. Drug-
gists also sell bottles of 24 and 100.
Aspirin is the trade mark of Bayer
Manufacture of Monoaceticacidester of
Salicylicacid.

Wheat yields in America since 1918
have averaged 13.4 bushels to the acre,
12 per cent below the normal national
average.

The Live Poultry Market

Demand for Both Dressed and Undressed Fowls is Strong Enough to Insure Good Profits

BY P. A. HAYDEN

THE EGG is the most important product of the poultry industry. It is a distinct and unsupplantable product for which there is no substitute among the entire field of food products. Poultry meat, however, in the form of dressed fowl, broilers, roasters, and capons is reaching the market in immense quantities and is providing an ever increasing proportion of the flesh food of the country.

Selling Live Birds

For those that are unable to reach a dressed market successfully the live poultry market is the necessary outlet. Traveling buyers operate in many communities and will usually come where there is a sufficient supply. In certain seasons previous to the holidays they make a satisfactory outlet. Shipping by express to some of the buyers of live poultry in Kansas City and Chicago is fairly satisfactory. They are purchased on the basis of pounds of live weight on arrival, and the returns are in cash minus the shipping charges. Birds when shipped must be free from disease. Sick birds are worth nothing and increase the expense of shipment. Attention should be given to the shipping crates. They should be in good repair, providing enough room to permit the birds to move about, and they should be securely tagged in at least two places with proper return directions.

Classes of Market Fowls

There are at least four classes of poultry that merit separate discussion, two of immature birds and two of mature fowls. Of the broilers, the squab broiler ranges in weight from $\frac{3}{4}$ to $1\frac{1}{4}$ pounds and the ordinary broilers weigh upwards to $2\frac{1}{2}$ pounds. The most desirable size for broilers at most seasons is 2 pounds. An exception might be made in case of the Leghorn that is best at $1\frac{1}{2}$ pounds on account of earlier maturity and ranginess. Early in the season prices on broilers are good and all save breeding stock may well be disposed of except where abundant room is available and capon rearing is found desirable for heavy breeds.

Roasters for Holiday Season

Later in the season when broiler prices have fallen off heavily, if there is still room on range for stock without crowding the pullets, the surplus males may be kept and reared as roasters for the holiday season. Separate range for the pullets should be provided to prevent cockerels from worrying them. The roasters should be marketed while still immature and less than a year old, otherwise they will grade as old roosters and bring very little return. Maturity is indicated when the cartilage at the end of the breast bone is no longer flexible.

The soft roaster demands mention. This class of fowl is supplied by the pullet just previous to the time she is to lay. Her body is in prime condition then with a full store of reserve flesh, tender and juicy. Birds are reared for this purpose in limited sections, fall hatching being practiced so that the birds are ready for market in the spring when prime fowl is scarce. The males also provide winter broilers. However this is rather an artificial practice and never can have a general development.

Sell Culls for Meat

By far the greater part of our poultry meat, in weight at least, must always come from the surplus and cull laying stock, or hens whose productive

possibilities no longer warrant their being kept in competition with younger birds. These are classed by the market as fowl. The average age of these birds is between 1 year and 2 years. On well managed farms the poor producers are culled out as soon as their inferiority is apparent which may be early in the first laying year, or from time to time thereafter.

The fourth class is the capon, a product that is indeed in a class by itself, equaled in quality by the soft roaster only. Capon production, tho simple in principle, in order to be successful requires considerable experience and skill. The period during which the bird is suitable for satisfactory operation is scarcely over two weeks and comes about the time it has reached the weight of $1\frac{1}{2}$ or 2 pounds. The capon should be selected from the early surplus in order to give ample time for growth. While the operation is simple, it is nevertheless technical, and requires special instruments with which full directions are supplied.

The Subscriber is Always Right

Our subscribers are always right when it comes to any question concerning their subscription.

We wish to adjust all complaints and locate the person who is responsible for mistakes.

This is the policy of the Capper Publications and we desire to have everyone of our solicitors and subscribers co-operate with us.

If for any reason you are not getting your Kansas Farmer and Mail and Breeze, Capper's Weekly or Household as you should, or you hear any of your neighbors say they paid for these papers and are not getting them, will you not please write us and tell us about it and be sure and give us all of the facts.

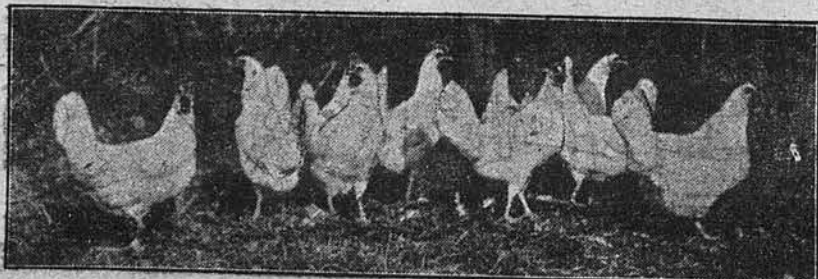
It will help us locate the cause if you will send us your receipt, cancelled check or postoffice money order stub. We will return them as soon as we see them. It is necessary for us to have something to show here in the office so we may adjust things properly.

Remember if you pay your money for any of the Capper Publications and do not get the papers, it will be your fault, not ours. All of us make mistakes but this company is more than willing to adjust any mistake that is properly brought to our attention.

Will you who read this kindly give me the co-operation asked? Address, A. S. Wolverton, Capper Publications, Topeka, Kan.

Altho the increase in the number of co-operative home demonstration agents was slight thruout the 33 Northern and Western states during 1921, records of the United States Department of Agriculture show that practically 35,800 more women became members of extension organizations than in 1920. Also, 4,864 new communities undertook to carry on one or more features included in extension programs.

Eighteen million pounds of sodatol, a surplus war explosive, is to be distributed by the Bureau of Public Roads, United States Department of Agriculture, for road building and land clearing purposes. The new supply of explosive is very similar to dynamite and picric acid, 12 million pounds of the latter having already been distributed to road builders and farmers.



The Leghorn Hen is a Good Forager and Layer, and That is What Keeps Her Hustling All Day Long. This Pen of Layers Won First Prize

SAMPLE PACKAGE FREE!
Hand this coupon to my dealer for a free sample of Dr. LeGear's Poultry Prescription and Dr. LeGear's 128-page Stock and Poultry Book—free

DEALERS: If your supply of samples runs out, write us for new supply. Dr. L. D. LeGear Medicine Co., St. Louis, Mo.

Get your hens back to laying Read my FREE offer on Dr. LeGear's Poultry Prescription

I want every poultry raiser to know the pleasure and profit of gathering big numbers of eggs every day now. I want you to hear the proud cackle of egg-layers all day.

That's why I make you this FREE offer of my Poultry Prescription.

My Prescription is not simply a remedy. It's a prescription for practical results.

It purifies the blood; improves digestion; sharpens the appetite and keeps the bowels open.

It will help your hens out of the molt. It will help make your hens lay. It will offset the cold weather conditions. I guarantee that it will.

Every morning, feed one tablespoonful of Dr. LeGear's Poultry Prescription in a warm mash to each 20 hens. Then notice the results.

Go to my dealer in your town. He will give you my sample package FREE.

Try it. Then buy the size package you need for your flock. Ask at store.

Dr. LeGear's Poultry Prescription: 25c, 50c and \$1 packages (except Rocky Mountain States and West). Also pills and drench. Satisfaction guaranteed or money refunded.

IMPORTANT! Ask at store about my Poultry Course without cost to users of my Remedies.



Dr. L. D. LeGear, V. S.
(In Surgeon's Office)
Trade-Mark Reg. U. S. Pat. Off.

Buy Dr. LeGear's Lice Powder

Use Dr. LeGear's Dip & Disinfectant

Boys! Boys! Girls, Too!

CAN YOU SOLVE THIS PUZZLE?

This puzzle is a sure winner. Everyone who joins the club wins a prize. It's easy. Try it. Make out the word spelled by the numbers below. It is the name of the dog that appears in this picture. The alphabet is numbered. A is 1, B is 2, C is 3, etc. What is the dog's name? (15 is letter O.) The puzzle is easy and simple. Be the boy or girl to send in the dog's correct name.

6 9 4 15



Culver Auto—First Prize

This is not a toy, but a real automobile, built especially for boys and girls. You can learn to run it in an hour's time. It will do anything a full sized car will do. You can run errands, take things to market, drive to school, go after the mail—all you have to do is to crank it, jump in and you are ready to go. Some boy or girl is going to be the proud owner of this Culver Racer—why not you?

"Dan"—Second Prize

How many little boys or girls would be proud to own a pony like Dan. This pony is about 40 inches high. It's a spotted pony with four white feet, some white in tail and mane. Dan loves boys and girls and he wants a good home. I wish you knew how easy it is going to be for you to get this pony. Join my club. Solve the puzzle and write me TODAY.



Scotch Collie

Third Prize

Every boy and girl loves a Scotch Collie as they are the favorite dogs for children. It only takes a short time to teach them tricks and they soon become so attached to their masters that they are ready to protect them at more having around you than a faithful Collie dog. Answer the puzzle above. It will tell you this dog's name. Write me today, and win a prize.

CHRISTMAS STOCKING—Extra Prize—Every Club Member Rewarded

How to Join the Club Everyone who works out the puzzle above and sends in the name of the dog that appears in the picture will receive 50,000 votes. Just for fun see if you can send in the dog's correct name. We will also give 100,000 votes and a stock- ing crammed full of Christmas toys, games, etc., to all who join the Club. To the Club Member having the most votes at the close of the Club we will give the Culver Auto as first prize. To the second highest Club Member we will give the Scotch Collie dog and so on until we have awarded ten prizes in all. Every one who joins this Club will receive a prize. Anyone may enter this Club and there never has been a better offer, especially for boys and girls. Answer the puzzle and send in the dog's name today. Be the first one to get a Christmas stocking.

BILLY PITT, 703 Capper Building, TOPEKA, KANSAS

FARMERS' CLASSIFIED ADVERTISING

Rate: 10 cents a word, each insertion, on orders for less than four insertions; four or more consecutive insertions the rate is 8 cents a word. Count as a word each abbreviation, initial or number in advertisement and signature. No display type or illustrations admitted. Remittances must accompany orders. Real estate and livestock advertising have separate departments and are not accepted for this department. Minimum charge, ten words.

TABLE OF RATES

Words	One time	Four times	Words	One time	Four times
10.....	\$1.00	\$3.20	26.....	\$2.60	\$8.32
11.....	1.10	3.52	27.....	2.70	8.64
12.....	1.20	3.84	28.....	2.80	8.96
13.....	1.30	4.16	29.....	2.90	9.28
14.....	1.40	4.48	30.....	3.00	9.60
15.....	1.50	4.80	31.....	3.10	9.92
16.....	1.60	5.12	32.....	3.20	10.24
17.....	1.70	5.44	33.....	3.30	10.56
18.....	1.80	5.76	34.....	3.40	10.88
19.....	1.90	6.08	35.....	3.50	11.20
20.....	2.00	6.40	36.....	3.60	11.52
21.....	2.10	6.72	37.....	3.70	11.84
22.....	2.20	7.04	38.....	3.80	12.16
23.....	2.30	7.36	39.....	3.90	12.48
24.....	2.40	7.68	40.....	4.00	12.80
25.....	2.50	8.00			

RELIABLE ADVERTISING

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

Special Notice

All advertising copy must be received by the Classified Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication.

AGENTS WANTED

RUMMAGE SALES MAKE \$50.00 DAILY. We start you. Representatives wanted everywhere. Wholesale Distributors, Dept. 101, 609 Division Street, Chicago.

WHEN CROPS ARE LAID BY INVESTIGATE the sale of "Wear-Ever" Aluminum Specialties in your community. Last year Hugh E. Werner of Corning, Kansas, added \$40 to \$100 per week to his farm income. Positions open in some communities for a permanent, profitable business. Write The Aluminum Cooking Utensil Co., New Kensington, Pa.

MALE HELP WANTED

MEN WANTING RAILWAY STATION-office positions with transportation furnished, experience unnecessary, write quick. Baker, Supt. Dept. 83, Wainwright, St. Louis.

BUSINESS OPPORTUNITIES

PUT YOUR BUSINESS BEFORE MORE than 1,180,000 farm families in the 16 richest agricultural states in the Union by using the Capper Farm Press. A classified advertisement in this combination of powerful papers will reach one family in every three of the great Mid-West, and will bring you mighty good results. This does not apply to real estate or livestock advertising. The rate is only 60 cents per word, which will give you one insertion in each of the five sections, Capper's Farmer, Kansas Farmer and Mail and Breeze, Missouri Ruralist, Nebraska Farm Journal, and Oklahoma Farmer. Capper Farm Press, Topeka, Kansas.

SERVICES OFFERED

PLEATING, ALL KINDS, HEMSTITCHING. First class work, prompt service. Mrs. M. J. Mercer, 800 Topeka Blvd., Topeka, Kan.

EDUCATIONAL

RAILWAY POSTAL CLERKS—START \$133 month; railroad pass; expenses paid. Questions free. Columbus Institute, R-6, Columbus, Ohio.

EARN \$25 WEEKLY, SPARE TIME, WRITING for newspapers, magazines. Experience unnecessary details free. Press Syndicate, 547, St. Louis, Mo.

ALL MEN, WOMEN, BOYS, GIRLS, 17 TO 60, willing to accept Government positions, \$117-\$190, traveling and stationary, write Mr. Ozment, 167 St. Louis, Mo., immediately.

CREAMERIES

CREAM SHIPPERS: GET THE FULL MARKET value for your cream by shipping direct to us. Write for market letters and shipping tags. Keystone Creamery Co., 2120 Washington St., Kansas City, Mo.

PATENT ATTORNEYS

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

INVENTORS WRITE FOR OUR ILLUSTRATED book and record of invention blank. Send model or sketch for our opinion of its patentable nature. Highest references, prompt service. Reasonable terms. Victor J. Evans & Co., 325 Ninth, Washington, D. C.

MILLIONS SPENT ANNUALLY FOR ideas! Hundreds now wanted! Patent yours and profit! Write today for free books—tell how to protect yourself, how to invent, ideas wanted, how we help you sell, etc. 402 Kresge Bldg., American Industries, Inc., Washington, D. C.

SEEDS—PLANTS—NURSERY STOCK

BEST WHITE SWEET CLOVER AT FARMERS' prices. Information. John Lewis, Virgil, Kan.

NEW WHITE SWEET CLOVER, HULLED, \$8 per bushel. Always better than you expect. Keep my address. Joe Wenger, Sabetha, Kan.

SEED WHEAT FOR SALE. PURE CERTIFIED seed of Kanred, Blackhall, Harvest Queen, Fulcaster, and other varieties. For list of growers, write the Secretary, Kansas Crop Improvement Association, Manhattan, Kan.

FOR PLANTING NOW—LILY, TULIPS, hyacinths, narcissus bulbs, peonies, irises, vines, ornamental shrubs, evergreens, hardy perennials, strawberries, rhubarb, asparagus, winter onion sets. Delivered anywhere prepaid. Circular free. Weaver Gardens, Route 9, Wichita, Kan.

TREES—PLANT THIS FALL; GROUND IN fine condition; our choice, thrifty, well rooted trees, berry plants, shrubs, fall bulbs and other stock will please you; buy direct from grower at wholesale prices. Write today for our free illustrated catalog. Wichita Nurseries and Seed House, Box B, Wichita, Kansas.

FOR SALE

FOR SALE—ELEVATOR, FLOUR, FEED business, machinery. Bargain quick sale. Box 57, Phillipsburg, Mo.

TOBACCO

EXTRA FINE CHEWING, TEN POUNDS \$3; smoking, ten pounds \$2; twenty, \$3.50. Farmers' Club, Mayfield, Kentucky.

LEAF TOBACCO, CHEWING, 4 POUNDS \$1.40; fifteen \$4.00. Smoking, four pounds \$1.00; fifteen \$3.00. Pipe and recipe free. Pay when received. United Tobacco Growers, Paducah, Ky.

NATURAL LEAF TOBACCO, CHEWING, 5 lbs., \$1.75; 10 lbs., \$3.00. Smoking, 5 lbs., \$1.25; 10 lbs., \$2.00. Pay when received. Pipe and recipe free. Farmers Tobacco Union, B4, Paducah, Ky.

LEAF TOBACCO FIVE POUNDS CHEWING \$1.75; ten, \$3.00; smoking, five pounds, \$1.25; ten, \$2.00; pay when received, pipe and recipe free. Co-operative Farmers, Paducah, Kentucky.

LEAF TOBACCO—3 YEARS OLD. Nature cured. Ever Ready Safety Razor and six blades, or imported Briar pipe free with 10-lb order. 10-lb. packages, select chewing, \$3.50; select smoking, \$3.00; medium smoking, \$1.75. Pay for tobacco and postage on arrival. Farmers Union, Hawesville, Ky.

TYPEWRITERS

TYPEWRITERS. TRIAL; PAYMENTS; guaranteed. Write Yotz Typewriter Co., Shawnee, Kan.

FOR THE TABLE

CANTALOUPE: HONEY DEW CANTALOUPE, best you ever ate, for only \$3.00 per 100 lbs. Shipped anywhere. Clara Colwell, Smith Center, Kan.

HONEY FOR SALE

BULK COMB HONEY, TWO 5 GAL. CANS \$17.00. Extracted, \$12.00. Bert W. Hopper, Rocky Ford, Colo.

BEST EXTRACTED HONEY, 60 LBS. \$6.00; 120 lbs. \$11.00; strained honey 120 lbs. \$10.00. T. C. Veirs, Olathe, Colo.

FINEST LIGHT EXTRACTED HONEY, new crop, two 60-pound cans, \$14; one, \$7.50; 30-pound can, \$4. Light Amber Extracted, \$13 and \$7. Here, Fran't H. Drexel & Sons, Crawford, Colorado.

MACHINERY FOR SALE OR TRADE

FOR SALE: ONE 45 HOLT CATERPILLAR Tractor. A real bargain; terms or cash. The Gray Hardware & Implement Co., St. John, Kan.

AUTO POWER PLANT. YOUR AUTO equipped with the Torson Patented Power Attachment saws wood, grinds feed, pumps water, runs all farm machinery. Price \$5. Torson Auto Power Co., 2300 Washington Blvd., Kansas City, Kan.

FOR SALE AT SACRIFICE PRICE. ONE 8 roll Maytag Shredder, almost new; one new 18-7 Superior Drill, power lift; three 4 bottom Oliver Tractor plows; two 3 bottom Oliver plows; two 4 bottom Grand D-tour tractor plows. Abilene Tractor & Thresher Co., Abilene, Kan.

I AM SACRIFICING MY SMALL STOCK of Money-Maker Hay Balers because I am discontinuing the agency. Balers are new and carry the manufacturer's guarantee. The Money-Maker Hay Baler is the best on the market. My price for the \$660 baler with save-a-man self-feeder is only \$300 f. o. b. Des Moines or Minneapolis. My price for the \$485 baler without self-feeder is only \$250 f. o. b. Order today and send check with order. These balers won't last long at such low prices. S. Bollen, 1010 S. E. 7th Street, Des Moines, Iowa.

BICYCLES—MOTORCYCLES

HARLEY-DAVIDSON SERVICE CENTER. Parts-Tires-Oil. Dustin-Smith Cycle Co., Topeka, Kan.

MISCELLANEOUS

UNDERGROUND TREASURES. HOW AND where to find them. Particulars for two cents. Model Co., 23 Como Bldg., Chicago.

BUY LUMBER, BUILDING MATERIAL and bale ties wholesale direct consumer. McKee-Fleming Lbr. & Material Co., Emporia, Kan.

PHONOGRAPH RECORDS AND PIANO Rolls exchanged. Trade old for new. Stamp brings catalogue. Fuller Exchange, Wichita, Kan.

AUTOMOBILE OWNERS, GARAGEMEN, mechanics, send for free copy America's popular motor magazine. Contains helpful, money-saving articles on repairing, overhauling, ignition, carburetors, batteries, etc. Automobile Digest, 622 Butler Bldg., Cincinnati.

DOGS AND PONIES

CHOICE COLLIE PUPS, NATURAL HEELERS. Maxmaddock Kennels, Clay Center, Neb.

AIREDALE PUPS, ELIGIBLE TO REGISTER, \$10 and \$15. W. F. Slagle, Alton, Kan.

ENGLISH GREYHOUND PUPS, MALES \$10 (ten) each, F. O. B. Glen McLain, Sun City, Kan.

WANTED: WHITE ESQUIMO-SPITZ PUPPIES, any number. Sunnyside Kennels, Havensville, Kan.

AIREDALE PUPS, INTERNATIONAL bred both sire and dam. W. E. Stice, White City, Kan.

AIREDALE PUPS, WELL MARKED, SUBJECT to registration; honest prices, satisfaction guaranteed. Try us. Wacanda Kennels, Lebanon, Kan.

GERMAN SHEPHERD; AIREDALES; COLLIES: Old English Shepherd dogs; puppies. 10c illustrated instructive list. W. R. Watson, Box 31, Macon, Mo.

WANTED—50 WHITE ESQUIMO-SPITZ puppies every week. Also a few Fox Terriers, Airedales and Collies. Canaries in any quantities. Brockway Kennels, Baldwin, Kan.

PET STOCK

PUPPIES \$5. CANARIES \$2. PARROTS, gold fish; shipped anywhere. Big illustrated catalog free. Ralph T. Harding's K. C. Bird Store, Desk 17, Kansas City, Mo.

STRAYED NOTICE

TAKEN UP BY ROY KELLER OF LIBERTY Township, Osborne County, Waido, Kansas, on June 1, 1923, one stray heifer, age 3 years, weight 1000 pounds, red with white face and some white on legs and belly; value about \$40. J. D. Doane, County Clerk, Osborne County, Kan.

POULTRY

Poultry Advertisers: Be sure to state on your order the heading under which you want your advertisement run. We cannot be responsible for correct classification of ads containing more than one product unless the classification is stated on order.

ANCONAS

MARCH HATCHED COCKERELS AND yearling hens \$1.00 each. Shem Yoder, Yoder, Kan.

BABY CHICKS

BABY CHICKS: ROCKS, REDS, ORPINGTONS, Wyandottes, Leghorns. Orders filled year round. Large breeds 10c, small 9c. Postpaid. Ivy Vine Hatchery, Floyd Bozarth, Manager, Maple Hill, Kan.

HAMBURG

PURE SILVER SPANGLED HAMBURG cockerels, \$2 each. Chris. Hermreck, Greeley, Kan., Route 2.

LEGHORNS

SINGLE COMB BUFF LEGHORN COCKERELS, March, \$1.00 up. Clyde Craney, Peabody, Kan.

ROSE COMB BROWN LEGHORN COCKS and cockerels, \$1. Prize winning stock. M. R. Moser, Marysville, Kan.

BARRON STRAIN, S. C. W. LEGHORN cockerels, \$3, \$2, \$1 each. Pullet \$1 each. Sarah Hamilton, Nickerson, Kan.

PURE BRED SINGLE COMB WHITE LEGHORN cockerels, 6 for \$5. Satisfaction guaranteed. Ina Hampton, Tribune, Kan.

PURE TOM BARRON SINGLE COMB White Leghorn cockerels from imported stock \$1.75. Harry Baker, Louisville, Kan.

COCKERELS FOR SALE: ENGLISH WHITE Leghorns, the big kind. Special prices for early buyers. Mrs. Annie Hackett, Maryville, Mo.

YESTERLAD WHITE LEGHORN YEARLING hens and April hatched pullets. Trap nested stock. E. W. McHenry, McLouth, Kansas.

S. C. L. B. LEGHORN COCKERELS, PURE bred, from Hogan tested good laying strain, \$1.00. Mrs. Walter Pettingill, Linwood, Kan.

SINGLE COMB BUFF LEGHORN KRAUSE strain 285 egg bred cockerels, \$3 to \$5 each. P. G. Krause, Poultry Judge, Breeder, Culler and Caponizer, Bellefont, Kan.

FOR SALE: PEDIGREED S. C. W. LEGHORN cockerels from actual trapped stock. 50% discount during summer sale. Free catalog. Martin Egg Farm, Hiawatha, Kan.

IMPORTED ENGLISH BARRON S. C. White Leghorns. Pedigreed, trapped, bred to record 303 eggs. Stock, eggs, Special guaranteed. Geo. Patterson, Richland, Kan.

KAW VALLEY LEGHORNS, COCKERELS from this ad. less than half their value. Fine large standard bred birds, \$3 each. They must please or money refunded. One year old hens at \$1.25 each. F. H. Ramsey, Prop., Route 4, Topeka, Kan.

ORPINGTONS

50 CRYSTAL WHITE ORPINGTON PULLETS \$2; cockerels \$3. Kellerstrass strain. Clyde Crawford, Muscotah, Kan.

WYANDOTTES

WHITE WYANDOTTE COCKERELS, \$2 and \$5 each. Mrs. Chas. Mills, Plainville, Kansas.

PURE BRED WHITE WYANDOTTE COCKERELS, early hatch, state certified, \$2.50. Mrs. Hazel Lees, Coldwater, Kan.

POULTRY PRODUCTS WANTED

BROILERS, HENS AND EGGS WANTED. Ship direct. The Copes, Topeka.

PREMIUM PRICES PAID FOR SELECT market eggs and poultry. Get our quotations now. Premium Poultry Products Company, Topeka.

FARMERS SHIP YOUR OWN POULTRY. Top of Kansas City market prices on arrival. Remittance same day. Coops furnished free at your station, or your own coops returned free. We are independent of all combines and price manipulators. The Farmers Produce Company, 126 East Missouri Ave., Kansas City, Mo.

In the many extra tasks at this season it should be kept in mind that young animals, too, need a great deal of extra care.



Activities of Al Acres—Now Tin Henry, It Seems, Is Almost Human

Farm Crops Worth Billions

(Continued from Page 26)

the heaviest movement is in the spring and early summer. Prices tend down at this time enough to offset largely the peak in volume but there is a more or less pronounced increase in dollar sales culminating about the month of June.

Sales for each month as shown here were computed on the basis of volume sold and farm prices. The crop line is based on six crops: namely, wheat, corn, oats, cotton, apples and potatoes, it being assumed that these crops represent fairly the seasonal trend in sales of all crops. Complete data on the volume of monthly marketing in 1922-23 are not yet available and the crop sales line is based rather on a normal market movement than actually ascertained volumes.

Sales of livestock, dairy and poultry products are determined from market receipts and farm prices, using census reports of dollar sales as a basis.

Farm Conditions by Counties

Local conditions of crops, livestock, farm work and rural markets are shown in the following county reports of the special correspondents of the Kansas Farmer and Mail and Breeze:

Barton—Wheat sowing is in progress and silo filling nearly finished. Early wheat is coming up fine. Kafir is excellent and a heavy yield expected.—E. J. Bird.

Brown—There has been plenty of rainfall here this week. Farmers are getting ready to sow wheat. Feed is scarce and corn is being cut up. Rural market report: Wheat, 90c; cream, 45c; eggs, 25c; hens, 17c; spring chickens, 18c; hogs, \$7.50.—A. C. Dannenberg.

Butler—Recent rains have put the ground in good condition to sow wheat and farmers are busy seeding. The corn crop will be light owing to the extreme dry weather and chinch bugs. Feed will probably be scarce and high this winter. Public sales are held occasionally. Rural market report: Wheat, 92c; corn, 70c; barley, 40c; oats, 40c; eggs, 24c.—C. F. Erbort.

Gove and Sheridan—Drilling wheat and putting up feed is the order of the day. The corn crop is excellent. A bad hail storm September 1 damaged the crops in the western part of Sheridan county considerably. Stock is looking well. There have been a few public sales. Rural market report: Eggs, 20c; cream, 42c; barley, 40c; wheat, 75c to 95c.—John Aldrich.

Greenwood—A recent rain in this locality has benefited the wheat considerably. Kafir is uneven, but will make a good yield of seed. Public sales are being held. Indications are that much land will lie idle next year.—A. H. Brothers.

Harvey—There has been plenty of rainfall in this locality. Roads are in bad condition. Stock is selling cheap at public sales. Rural market report: Wheat, 93c; oats, 40c; corn, 80c; bran, \$1.45; shorts, \$1.60; butter, 45c; eggs, 27c.—H. W. Prouty.

Jewell—It rained 2 1/2 inches last week, which puts the ground in excellent condition for wheat sowing. It will also improve the fall pasture. Livestock of all kinds is in fine condition.—U. S. Godding.

Linn—There has been some rain here recently which has helped the grass and stock materially. Kafir and all late crops have been benefited. Farmers may go to plowing soon, but little wheat will be sown. Just now farmers are repairing buildings and fences and getting in coal. Public sales are being held and livestock sells well. Rural market report: Corn, 80c; oats, 50c; potatoes \$1.20; S. potatoes, \$1.75.—J. W. Cline-Smith.

Lyon—Most of the wheat seeding is done. Recent showers have helped the kafir and cane considerably. Some pastures are good and stock is doing well. Rural market report: Eggs, 27c; butter 35c.—E. R. Griffith.

McPherson—The past season has been unsatisfactory for farmers in this county. Wheat crop was injured by too much rain, and corn crop was damaged by lack of rain during the summer months. The soil is in fine condition at present, and farmers are busy sowing wheat.—John Ostlund.

Nemaha—Recent showers have put the ground in fine condition. There has been no frost here yet. Some fodder has been put up, but it is slow work as the corn was blown down and badly tangled. Some cholera has been reported among hogs.—A. M. Cole.

Neosho and Wilson—A recent rain has provided plenty of stock water. Cattle and hogs are being shipped to market. Public sales are being held and prices received are unsatisfactory. Rural market report: Wheat, 90c; oats, 40c; buttermilk, 40c; eggs, 29c; shorts, \$1.30; bran, \$1.50.—A. Anderson.

Norton—There has been plenty of moisture here lately, but it came too late to permit farmers to plow for wheat. The corn crop here is good. Sudan grass is in excellent condition, and farmers can cut a heavy crop and still have a fine pasture for fall and winter. A good peach crop here is selling at \$1.50 to \$2 a bushel.—Sam Teaford.

Reno—Farmers are waiting for rain to plow their wheat ground. The hot weather is over. The corn crop was unsatisfactory. Potatoes and other crops are being materially damaged by the dry weather.—D. Engelhart.

Riley—We had a rain lately which put the ground in good order for planting wheat. The wheat acreage for next year will be decreased about 25 per cent. Cane fodder and other feed crops have been cut. The corn crop will be unsatisfactory. There has been no frost here yet. Rural market report: Wheat, 94c; corn, 80c; eggs, 30c.—P. O. Hawkinson.

Roos—We had a much needed rain the

first of this week and the ground is in fine condition for planting wheat. Most of the feed is cut. Potatoes are scarce. Rural market report: Potatoes, \$2 a bushel; cream 41c; eggs, 22c; corn, 60c; wheat, 85c.—C. O. Thomas.

Sedgewick—Recent showers have put the ground in good condition for wheat sowing. A few sales are being held and dairy cows sell well. Hay and feed are scarce and high.—C. C. Wickham.

Smith—One and one-half inches of rain fell on September 24. Pastures are becoming green again. The wheat ground is ready to sow as soon as it is dry enough. Not many sales are being held at present. Rural market report: Corn, 65c; cream, 42c; eggs, 28c.—Harry Saunders.

Stevens—A great deal of rain has fallen lately, and the ground is in fine condition for wheat. Wheat acreage for next year will be cut 50 per cent. Silos are being filled with corn. Corn crop is good, as well as kafir and maize. Help is scarce. Broom-corn hands are getting \$2.50 a day and board.—Monroe Traver.

Wilson—Several inches of rain has fallen lately in this locality. Pastures and kafir were benefited. The corn crop will be unsatisfactory. Wheat acreage will be lessened considerably. Many public sales are held.—S. Canty.

Colorado Crop Reports

Mesa—Tomatoes are being canned in the factories. A few public sales are being held. Stock is selling well. Rural market report: Eggs, 40c; butter, 50c; pears, \$1 a bushel.—George Rand.

Morgan—Beet harvest began September 17 and mills began slicing the 20th. Beet crop looks fine for a heavy tonnage. Three crops of alfalfa are in stack. Bean crop is excellent and being harvested. Silo filling is in progress.—E. J. Leonard.

Invest Safely and Profitably

In these days when every dollar counts and when so many "investment" schemes are directed at the farmer, the problem of investing surplus funds is really important. I believe that I have solved that problem for the readers of Kansas Farmer and Mail & Breeze. This investment is backed by 28 years of success in a business which has grown to be one of the strongest concerns in the Midwest, and in fact, the largest business of its kind in the world. Further conservative expansion and additional equipment are the motives for obtaining additional capital at this time. Amounts of \$100 or more are solicited. The rate of interest is 7 per cent payable semi-annually with the privilege of withdrawing any or all of the investment at any time upon 30 days' notice. I can unqualifiedly recommend this investment and believe it as safe as a government bond. A letter to me will bring you promptly further information. Arthur Capper, Topeka, Kan.

If the horse while at work is overcome by heat, get him into the shade, remove harness and bridle, wash out his mouth, sponge him all over, shower his legs, and give him 2 ounces of aromatic spirits of ammonia, or 2 ounces of sweet spirits of nitre, in a pint of water; or give him a pint of warm coffee. Cool his head at once, using cold water, or, if necessary, chopped ice, wrapped in a cloth.

ARKANSAS

BARGAINS! Fruit, poultry, grain, cotton farms. Sadler Bros., Booneville, Ark.

FOR SALE CHEAP, well located Ark. Imp. farm. J. M. Mason, 2274 Russell, K. C., Mo.

BARGAINS—Cutover lands—good farms easy terms. Write T. L. Cox, Little Rock, Ark.

FREE U. S. LAND—300,000 A. in Ark. for homesteading. Send 35c for Guide Book and Map. Farm-Home, Little Rock, Ark.

GOOD FRUIT and farm land cheap. Write for free literature, land obtainable and prices. J. M. Doyle, Mountainburg, Ark.

ARKANSAS OZARKS are attractive to home-seekers. Low prices, easy terms. Booklet free. T. V. Realty Co., Yellville, Ark.

IMPROVED fruit, poultry, stock, dairy farms. 20 acres and larger, \$10 acre up. Bargain list free. G. L. Christian, Harrison, Ark.

80 A., 40 cult., 15 bottom; team mules, cows, hogs, chickens, machinery; well watered, timbered. R. F. D. Highway, \$30 A. Terms. B. H. Atkinson, Berryville, Ark.

WOULD YOU BUY A HOME? With our liberal terms. White people only, good land, healthy progressive country. Write for list. Mills Land Co., Booneville, Ark.

46 ACRES, 4 mi. town, part cult., house, barn, springs, orchard, team, cows, hogs, chickens, tools, feed, furniture. Price \$1250. Taylor-Davis, Harrison, Ark.

LISTEN! 80-acre farm, house, orchard, team, cow, brood sow, 36 chickens. Price \$1,550. Terms. Have other farms. Big list free. Ward, The Land Man, Cotter, Ark.

COLORADO

FARM FOR SALE—1040 acres best Eastern Colorado grazing land, well improved. Cash \$8,000. May B. Hobbs, Jules, Colorado.

STOCK Ranch near Walsenburg, 320 A. in rainbelt, fenced, level, slight sandy loam, house, barn, water. Free range grama-grass. Mortgage \$1000, 1926. Want \$1240 cash for equity. Bargain. S. Brown, Florence, Colo.

The Real Estate Market Place

There are 10 other Copper Publications that reach over 2,170,000 families which are also widely used for real estate advertising. Write for special Real Estate advertising rates on these papers. Special discount given when used in combination.

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

REAL ESTATE

OWN A FARM in Minnesota, Dakota, Montana, Idaho, Washington or Oregon. Crop payment or easy terms. Free literature. Mention state. H. W. Byerly, 81 Northern Pacific Ry., St. Paul, Minn.

FARM LANDS ON KANSAS CITY SOUTHERN RAILWAY Of good quality, can be had at moderate prices and terms of sale, in Southwestern Missouri, Western Arkansas, Eastern Oklahoma, Western Louisiana and Eastern Texas. Fertile soils, fine climate, abundant rainfall, good health. Write for information concerning this region to Immigration Bureau, K. C. S. Ry., No. 411 K. C. S. Ry. Bldg., Kansas City, Mo.

320 ACRES NEAR TOWN 10 CATTLE, TEAM, HOGS, Mare and colt, implements, tools, vehicles included, timber should pay for all—estimated 400,000 ft. Good markets, 250 acres tillable pasture, variety choice fruit, good house overlooking river, 30-cow barn, etc. Low price \$2500 gets all. Part cash. Details page 61-S illus. Catalog Bargains—many states. Copy free. Strout Farm Agency, 831GP New York Life Bldg., Kansas City, Mo.

Extra well improved 155 acres 1 mi. Martinsburg. Good clover, corn, bluegrass land. Catholic neighborhood, 100 families, Catholic and public grammar and high schools. State University connections. Also own improved irrigated rich valley 160, 1 1/4 mi. Artesia, N. M. Good town, population 2000. Very healthy climate. Crops successfully raised on this farm are alfalfa, cotton, apples and small fruits. Will sell either farm at bargain. Attractive loans on each. Can be assumed or cleared. Dan Sullivan, Owner, Martinsburg, Mo.

KANSAS

WESTERN KANSAS land, cheap. Easy terms. Write Jas. H. Little, LaCrosse, Kan.

S. EAST Kan. farms \$35 acre up. Free list. A. M. Cole Land Co., Independence, Kan.

CHASE CO. valley and upland farms, \$45 A. up. E. F. McQuillen & Co., Strong City, Mo.

160 A. unimp. 10 mi. SE Wallace, level, \$1800. Terms on \$1200. Box 431, Sharon Spgs., Kan.

FOR SALE, N. E. Kansas bottom and upland farms. Melvin Ward, Holton, Kan., R. F. D. 1.

FOR SALE—520 acres. Well improved grain and stock farm, can be divided. Margaret McMahon, Washington, Kan., R. 6.

80 ACRES \$7,500. Modern Imp. Plenty water. 2 miles county seat. Gas for fuel. Paola Inv. Co., Paola, Kan.

NO CASH DOWN—5 years (less or more) crop plan buys farm. Your opportunity. Morris Land Co., Lawrence, Kan.

IMPROVED 80-acre farm, 1 1/4 miles Ottawa. Nearly all in clover and alfalfa. Sacrifice price for quick sale. Owner non-resident. Mansfield Land Co., Ottawa, Kan.

HAMILTON CO., KAN., unimp., smooth, good soil, grow all grains, etc. No failure in 10 years. \$1250 A. up. Easy terms or crop pay. Write Geo. J. Downer, Syracuse, Kan.

CALIFORNIA

IF YOU WANT TO LIVE in California write Kings County Chamber of Commerce, Hanford, California, for free booklet.

SMALL FARMS in Winterless California. You can work a small farm with less capital investment. And in California you can work outdoors all the year. The State Board of California is offering choice twenty-acre farms at Ballico, Merced county, on 36 years' time. Climate is delightful, with long growing seasons. Twenty acres part in alfalfa, with cows and pigs, plus ten acres in orchard, makes a well balanced place and provides good income throughout the entire year. A small one-family farm, cutting out high labor costs, insures success. The San Joaquin Valley of California offers you this opportunity. There are no winter handicaps. Illustrated land folders descriptive of California mailed on request. C. L. Seagraves, General Colonization Agent, Santa Fe Ry., 924 Ry. Ex., Chicago, Illinois.

FLORIDA

WHEN WINTER COMES wouldn't a warm and sunny lot at Cocoa Beach, Cocoa, Florida, be a sweet retreat from the chilly blasts and ice and snow, where fuel and fire are not winter problems, and fishing, sunbathing, boating and other out-door sports may be enjoyed every month in the year. Lots \$200 and upward. Easy terms of payment. Address Cocoa Beach Development Company, Cocoa, Florida.

FOR RENT

RENT IT: Choice farm in Sherman county, Kan., \$2.25 per acre. Over 500 acres under plow. E. B. Grieger, Goodland, Kan.

320 ACRES, 2 miles east and 6 miles south of St. Paul, Neosho County, Kansas, all bottom land, 210 acres in cultivation, will grow wheat, oats, alfalfa, etc., balance pasture, fencing fine, improvements good, special inducements to satisfactory tenant. Harrison Culbertson, R. R., St. Paul, Kan.

RATE

For Real Estate Advertising on This Page 50c a line per issue

Pay No Advance Fee Don't give option for any kind of contract without first knowing those you are dealing with are absolutely honorable, responsible and reliable.

MISSOURI

LISTEN! 80-acre Valley farm \$2,500. Other farms. McGrath, Mountain View, Mo.

WRITE for free list of farms in Ozarks. Douglas County Abstract Co., Ava, Mo.

ACRES-40, \$190, payments, \$5 month, fruit and poultry land, near railway, Missouri. G. D. Williams, Mt. Vernon, Illinois.

MISSOURI FARMS, Real bargains. Pre-war prices. In best section. Write Stevens & Jennings, Clinton, Henry Co., Mo.

MISSOURI 40 acres truck and poultry land \$5 down and \$5 monthly. Price \$200. Write for list. Box 22A, Kirkwood, Mo.

IMPROVED 80 A. clear, to trade for good 40 A. near city. J. D. Kiefer, Harrisonville, Mo.

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

ATTENTION FARM BUYERS—I have all size farms for sale. Well improved. Good soil. Good water, mild climate. Low prices. Good terms. List free. Write Frank M. Hamel, Marshfield, Mo.

BUY FARM NOW

Write for new complete list of real farm bargains. It will pay you, no cost. Mansfield Land & Loan Company, 415 Bonfils Bldg., Kansas City, Mo.

OREGON

160 ACRES Southern Oregon, 10 A. apple orchard, 7-room house, barn, all fenced, 1 1/4 mile high and public school, good roads, 18 mi. Medford and Grant Pass, 70 A. cleared rest timber, 60 A. can be irrigated from creek. State water right 100 A. No cooperation on water right. Price \$40 A. For further information write Dr. D. J. Turner, Gridley, Cal.

OKLAHOMA

WRITE Claude Erwin, Chickasha, Okla. selling 12 farms 10% cash and pmts 10 yrs 6%.

REAL ESTATE LOANS

FARM LOANS, Central and Western Kansas. Dawson & Zutavern, Great Bend, Kan.

6% MONEY. Reserve system. 6% loans on city or farm property. Reserve Deposit Company, Lathrop Building, Kansas City, Mo.

REAL ESTATE WANTED

FARM WANTED—Near school, at spot cash price. Mean business. Fuller, Wichita, Kan.

FARM WANTED—Send particulars. Mrs. W. Roberts, 320 E. Tray, Roodhouse, Ill.

WANTED to hear from owner of farm for sale. Describe. J. W. Houck, Tiffin, Ohio.

Cash Buyers want farms—various localities. Describe fully and give best price. U. S. Agency, Box 43, North Topeka, Kan.

CASH BUYERS want Kan. and Colo. farms. Give full description and price. R. A. McNow, 329 Wilkinson Bldg., Omaha, Neb.

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

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

SALE OR EXCHANGE

FEW COLO. irrigated and unirrigated farms to trade. Write F. R. Miller, Ordway, Colo.

BARGAINS—East Kan., West Mo. farms—sale or exch. Sewell Land Co., Garnett, Kas.

TRADES EVERYWHERE—What have you? Big list free. Bersie Agency, Eldorado, Kas.

160 ACRES in South Dakota. A real farm. Want income or Kansas farm. Mansfield Land & Loan Company, Lawrence, Kan.

COLO. irrigated Farms and Ranches to exchange for Eastern farms or income. B. L. Briley, 122 Pope Block, Pueblo, Colo.

WE HAVE high class Kansas City income property to exchange for farms. Write Commerce Investment Company, 812 Southwest Blvd., Kansas City, Mo.

FOR EXCHANGE—Trade your wheat land for an improved rice and cotton farm in Northwest Arkansas. Value \$15,000. Deal with owner. S. C. Salmon, Manhattan, Kan.

240 A. stock and grain farm, some bottom land, well improved, close to Topeka, trade equity for smaller farm. Vrooman Loan & Realty Co., 831 Kansas Ave., Topeka, Kan.

320 ACRES adjoining town, Lane county, Kansas. All smooth, 220 cultivation, 100 pasture, fine improvements. Price \$65.00 per acre. Owner will consider land Eastern Kansas equal value. Mansfield Investment & Realty Co., Pealy, Kan.

GRIFFITH & BAUGHMAN To trade for General Store or well improved square section close to town. Priced to deal. Liberal, Kansas.

Holstein Friesian Sale

A choice offering from Justamere Farm. 40 Reg. Holsteins. Herd Federal Accredited. Bred for production. At Fair Grounds.

Topeka, Kansas, Thursday, Oct. 18

Herd headed by **Abilene Pietertje Mercedes**. An exceptionally good herd sire. His sire is by Spring Farm King, a full brother to the first 44-lb. cow of the breed, K. P. Pontiac Lass.

Sire's Dam is a 43-lb. 4-year-old. She, with a 42-lb. world's champion two-year-old full sister, and a 42-lb. dam.

Pietertje's Dam, Lawnside Pietertje Mercedes: Butter, 7 days, 27.15 lbs.; milk, 620 lbs. Butter, 1 year, 856.62 lbs.; milk, 18,778 lbs. T. A. Record.

A number of the cows are sired by a grandson of Pontiac Lady Korndyke, a 38lb. world's record cow.

There will be 47 females and three males.

23 cows giving milk and eight more about to freshen.

10 heifers bred. Balance calves.

If you want size, production and vitality you better come to this sale. Catalogs ready soon. Write at once for one.

A. B. & G. E. Wilcox, R. D. 7, Topeka, Kansas

Auctioneers: C. M. Crews, Jas. T. McCulloch.

W. H. Mott in the box, J. W. Johnson, Fieldman Mail & Breeze.

Reg. and High Grade Holsteins

15 registered cows and heifers.

15 high grade cows, nearly all fresh or heavy springers.

A complete dispersal sale.

Junction City, Kansas, Monday, October 15

Sale at the farm, one mile west of town on the Golden Belt Auto highway. Dairy cattle are scarce and with the abundance of cheap feed nothing is bringing in the money on the farm like good milk cows.

The sale catalog is ready to mail. Address,

W. H. Mott, Sale Manager, Herington, Kan.

Jas. T. McCulloch, Auctioneer. J. W. Johnson, Fieldman Mail & Breeze.

JERSEY CATTLE

JERSEY CATTLE

Complete Dispersal of Shoal Creek Farm Jerseys

Owned by W. G. Camfield & Sons

Neosho, Mo., Friday, October 19

60 A. J. C. C. Jerseys—Federal Accredited Herd 34422

Register of Merit cows, prize winners and their descendants. One of the most noted herds in the Southwest.

Featuring 25 head of females by the great imported bull, NOBLE OF TRINITY, sire of 2 R. of M. daughters, 2 producing sons; and grandsire of Abbe's Trinity Exile, sire of 5 daughters in the Register of Merit, three of which were the highest record cows by one sire in the state for the year 1922.

A few well bred bulls, including the sensational young show bull, RED FLAG'S NOBLE RALEIGH, first prize junior yearling, at Carthage, (Mo.), fair, 1923. He is a son of Red Flag's Fairy Lad, and his dam, Noble's R's Financial Fancy, a Class AAA—647 lbs. butter record, from 10,433 lbs. milk. It's a sale you can't afford to miss, if interested in high class Jerseys. The catalog will be mailed only on request to

B. C. Settles, Sales Manager, St. Louis, Mo.

Col. Ed Herrick, Auctioneer, Oklahoma City, Okla. C. L. Carter, Fieldman

Jersey Cattle Sale for Barnes & Horton

Blue Mound, Kan., October 17

Consisting of 25 Head Choice Registered Cows and Heifers, 10 head of Selected Grades. All heavy producers at the pail, and the kind that makes a profit every day in the year.

FINANCIAL KING, SPERMFIELD OWL, OXFORD MAJESTY, GAMBOGE KNIGHT and RALEIGH BREEDING.

Sale will be held at the farm of C. T. Horton, Valley View Farm, 5 miles northeast of Blue Mound, 18 miles west of Pleasanton, and 10 miles southeast of Centerville. Rain or shine, under shelter if weather is inclement.

For Catalog write

B. C. SETTLES, Sales Manager, St. Louis, Missouri

Col. H. M. Justice, Auctioneer, Paola, Kan. J. T. Hunter, Fieldman.

Farmers' Service Corner

BY T. A. McNEAL

READERS of Kansas Farmer and Mail and Breeze are invited to ask questions on legal problems or on any other matter on which they desire information. This service is free. The tremendous demand for this service makes it impossible for us to print all of the answers, but every inquiry will be answered by mail.

Wife's Signature on Mortgage

A bought a team of horses from B. He gave a mortgage for the team but his wife did not sign it. A's crop failed and he cannot pay for the team. Can B take the team? If the team is sold it will not bring what A paid. Can B take anything else?

S. M. B.

I presume the person asking this question meant to say that A gave a mortgage on the team. It was not necessary that his wife sign this mortgage if the team belonged to the husband. B can take the team under this mortgage. A chattel mortgage is merely a conditional sale. Generally speaking, the holder of a chattel mortgage if he gets the property mortgaged is not expected to try to get anything more altho there would be no legal barrier to his doing so if he sold the mortgaged property and it did not bring enough to pay the debt.

Exemptions for Bankrupt Renters

What exemption has a renter if he takes advantage of the bankrupt law? You told us some time ago that a man can hold 160 acres and improvements if he takes advantage of the bankrupt law so long as he lives on the land as his homestead. If I bought a piece of land from a railroad company and improved it is it my homestead as long as I live on it?

J. B.

A renter has the same exemptions if he is the head of a family that any other head of a family has and going thru bankruptcy does not affect these exemptions. I am speaking now of personal property. In the case of this party who bought railroad land it is his homestead. The question as to where he bought the land cuts no figure. So long as he resides on it with his family it is his homestead and it is exempt.

Corporal Punishment in Schools

Have school teachers in a country school the right to whip children without the parents' consent? Is there any way to prevent her from doing it and is there any penalty for whipping?

W. A. L.

The teacher has a right to administer moderate punishment and might whip a scholar provided the whipping was not severe and cruel. She has no right to administer punishment which would in any way injure the child. If such punishment is administered the teacher would be subject to arrest for assault and battery.

Making a Will

I have two sons and one daughter. One son has stayed at home with me for the last seven years. He is past 25 years old and I give him no wages. I want to give him most of my property. I own 160 acres of land. Can I will it all to the one son?

R. K. F.

Yes, the will can be made as suggested.

Can't Collect Interest

A is a farmer; B is a merchant. A gave B a note for machinery which was not to draw interest and it was written in ink on the note "not to draw interest." B sold it to the bank and they would not take it until B erased "not to draw interest." Would A have to pay the interest?

B. K.

No, he would not be compelled to do so under conditions stated.

Concerning Divorces and Fees

A and B were married. A applied for divorce and paid his attorney and B's attorney. A was granted the divorce but the judge told him he must pay B's attorney \$100 for punishment. Does A have to pay this?

L. C.

Yes, A will have to pay as judge directs.

Interest on Time Deposits

Are time deposits bearing 4 per cent interest protected by the Kansas bank guaranty law?

D. P. F.

Yes, unless 4 per cent is a larger rate of interest than the bank is paying on other time deposits.

Club Work Started in 1909

Fifty boys were pioneers in Oklahoma in the boys' and girls' club work carried on by co-operative agricultural extension agents; these boys joining corn clubs in 1909 to learn new and im-

RED POLLED CATTLE

Red Polled Cattle

Selling from one of Nebraska's great show herds.

Walbach, Neb., Oct. 16

15 BULLS ranging in ages from 6 months to long yearlings. Mostly sired by ROYAL DUDE, grand champion of South Dakota and Colorado and first in class at the National in 1922. 10 Cows with calves at side or close to calving, and 10 open heifers. Many animals in this sale are out with our two show herds this fall. You will be interested in the catalog. Write:

Paul C. Larson & Son
Walbach, Nebraska

RED POLLS. Choice young bulls and heifers. Write for prices and descriptions. Chas. Morrison & Son, Phillipsburg, Kan.

HOLSTEIN CATTLE

MOTT'S SALE CALENDAR

Coming Holstein sales:
Oct. 15—Ralph Jennings, Junction City, Kan.
Nov. 1—Breeders' sale, Topeka, Kan.
Nov. 12—W. H. Schroyer, Miltonvale, Kan.
Nov. 19—State sale, Wichita, Kan.
Jan. 26—"Show Sale," Wichita, Kan.
If you want to buy write to Mott.
If you want to sell write to Mott.
Address, Herington, Kan.

A. R. O. HEIFERS

Federal Accredited Herd. Four heifers, three to four months old and two yearlings. Sired by son of King Segis Pontiac Chicago out of A. R. O. dams. Federal accredited herd. Priced reasonably.

A. M. DAVIS, HUTCHINSON, KANSAS

BONACCORD HOLSTEINS

For sale, cows and heifers due to freshen soon. A. R. O. suff. baby bulls out of high record dams, also a few grade heifers. (Federal accredited herd.)
Duroc gilts, bred or open, also good bears.

LOUIS KOENIG, SOLOMON, KANSAS

4-yr-old Holstein Herd Bull

For sale or exchange. Rag-apple Kalmuck breeding. Backed by good A. R. O. records. Would prefer an exchange.

E. V. SIEBERT, Pretty Prairie, Kansas.

Holstein Bulls

Ready for service, from state's best breeding. Also calves. Prices reasonable.

JESSE R. CARSON, LAWRENCE, KAN., R. D. 10

BRAEBURN HOLSTEINS

Bull calves for sale; also cows and heifers.

H. B. Cowles, 438 Kansas Ave., Topeka, Kan.

BEFORE ORDERING HOLSTEIN OR GUERNSEY CALVES

Write Edgewood Farms, Whitewater, Wisconsin

FOR QUICK SALE, 18 head well marked high grade Holstein heifers from calves to 3 years.

D. R. Banta, Tecumseh, Kan.

JERSEY CATTLE

High Grade Jersey Heifers

I have decided on account of short feed to sell 10 of my best coming 2-year-old high grade Jersey heifers bred to a registered bull. Priced reasonable.

HERBERT MCCOY, HOPE, KAN.

BULL CALVES by Fontaine's Red Chieftain

and Chief Raleigh's Sultan out of high producing dams. Priced to sell.

A. H. Knoepfel, Colony, Kan.

JERSEY BULLS, R. of M. dams. Typy individuals at attractive prices.

For information write to C. E. Norrie, Sabatha, Kansas.

JERSEY HEIFERS by grandson of Financial King, whose dam was half sister to Financial Countess Lad.

J. G. Candon, Hiawatha, Kansas.

MILKING SHORTHORNS

MILKING SHORTHORNS

FOR SALE

Ten cows and heifers bred to PINE VALLEY VISCOUNT whose dam has an official record of 14,734 lbs. milk one year. Also 10 heifer calves and young bulls sired by same bull. Prices consistent with breeding and quality. Farm located 9 miles south of town on state line.

JOHNSON & DIMOND, Fairbury, Neb.

LIVESTOCK AUCTIONEERS AND SALE MANAGERS

BOYD NEWCOM, Auctioneer

219 Beacon Bldg., Wichita, Kan.

Jas. T. McCulloch, Clay Center, Kan.

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

DAN CAIN, BEATTIE, KAN. Livestock Auctioneer

My success is my knowledge of livestock.

SHEEP

HAMPSHIRE AND SHROPSHIRE RAMS

Best of breeding; reg. Cedar Row Stock Farm, A. S. Alexander, Prop., Burlington, Kan.

proved methods of production. Now Oklahoma has more than 35,000 of these young farmers and home makers, according to reports to the United States Department of Agriculture, and in their club work they are carrying on some 51,000 demonstrations in crop, vegetable, and fruit growing, livestock production, canning, sewing, food preservation, and home management. These figures and other interesting facts regarding club work in that state were made the basis of a pageant, shown at a short course given in August at the Oklahoma A. and M. College, in which scenes portraying the main club activities were followed in each case by lantern slides giving information about that line of work.

Ration for Egg Production

Good egg production and profitable returns from laying hens are largely the result of properly balanced rations composed of wholesome feeds. Experiments in poultry feeding for egg production carried on by the United States Department of Agriculture show that it takes about 6.7 pounds of feed to produce a dozen eggs with general-purpose pullets while the egg-laying strains, such as Leghorns, require about 4.8 pounds of feed. Old hens required a much larger amount of feed in producing a dozen eggs.

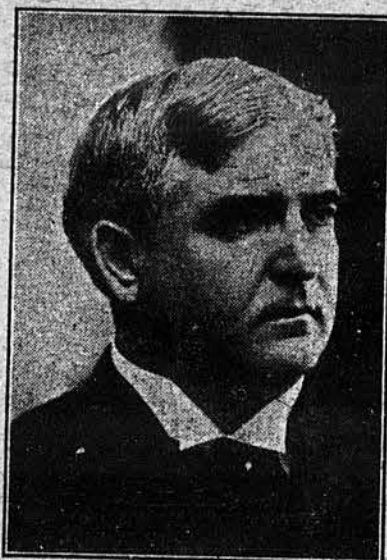
Simple mixtures composed of home-grown grains and their by-products, supplemented with meat or fish scrap or milk, give the most profitable results. A good scratch mixture is one made of 2 parts cracked corn and 1 part oats, while a mash of 3 parts corn meal and 1 part meat scrap will be found very satisfactory. A fair amount of green feed with these rations should give good results with the flock, since the mash and scratch mixtures suggested combine the animal-protein feed, bulk, and fat required by a good balanced poultry ration.

The rations may be varied to include feeds that are easily obtained and that are comparatively inexpensive. Corn, wheat, oats, and barley are the principal grains fed to poultry. Kafir and buckwheat are used also, but are not so generally available and cost more. Corn and wheat are the two best grains and are about equal in value as poultry feeds, although wheat can be fed alone better than corn, which is inclined to be fattening. Oats and barley, on account of their hulls and higher fiber content, are not so good as wheat or corn. Rye is not well relished by fowls and is seldom fed. Wheat screenings or slightly damaged grains may sometimes be bought to advantage, their value depending entirely upon their quality and condition, but as a rule it is good policy to stick to sound grains in good condition.

A mash made of ground grains, mill products, and meat scraps may use cornmeal, wheat bran, wheat middlings, or corn chop, corn-and-cob meal, or ground oats, depending upon the feeds available and the relative cost of each. It is worth remembering, however, that just as good results can be obtained with a simple mash containing three or four kinds of ground grains and meat scraps as from a highly complicated mash containing 8 to 10 products or more.

Coming Farm Events

- October 1-6—Free State Fair and Exposition, Muskogee, Okla.
- October 10-12—International Farm Congress, W. I. Drummond, Managing Director, Kansas City, Mo.
- November 2—Dairy Day, Kansas State Agricultural College, Manhattan, Kan.
- November 3—Home Coming Day, Kansas State Agricultural College Alumni, Manhattan.
- November 3-10—Pacific International Livestock Exposition, Portland, Ore.
- November 17-24—The American Royal Livestock Show, Kansas City, Mo.
- December 1-8—The International Livestock Show, Chicago, Ill.
- December 1-8—The International Hay and Grain Show, Chicago, Ill.
- December 4-6—Kansas State Horticultural Society, Topeka, Kan.
- January 9-11, 1924—Kansas State Board of Agriculture, Topeka, Kan.
- January 19-26, 1924—The National Western Livestock Show, Denver, Colo.



A. C. SHALLENBERGER

offerings will not be excelled for breeding and individuality in any sale of the Middle West this season. We sell the best of our Claras, Augustas, Marr Beautys, Golden Chains, Butterflies, Lavenders, etc. Both herds Federal accredited. It will be worth while to attend this sale either as a buyer or visitor. Write for catalog and mention this paper.

A. C. SHALLENBERGER, Alma, Nebraska

Auctioneer: Col. A. W. Thompson, Jesse R. Johnson, Fieldman.

SHORTHORN CATTLE

Grandsons and Granddaughters of Collynie
Herd of 80 Scotch and Scotch topped. Headed by Secret Sultan by True Sultan and Sarcas. Sagamore by Sycamore Dale. Calves, bulls, heifers and cows; also aged bulls.
I. L. SWINNEY, INDEPENDENCE, KAN.

150 Reg. Shorthorn Cattle

50 head are full Scotch, balance are Scotch top. 2200 acre ranch in Stafford county, well improved, to trade for smooth sandy land south of the river in Western Kansas or will sell on easy terms.
WALTER WELCH, MACKSVILLE, KANS.

Government Fur Farm

An experimental fur farm is being established in the northwestern part of New York by the Bureau of Biological Survey of the United States Department of Agriculture, in order that observations and studies may be made of the habits of fur-bearing animals and of the possibilities of growing them in captivity and producing fur of good quality. A similar farm which has been operated by the bureau at Keeseville, N. Y., will be discontinued as soon as the new one is ready. The new farm is located 3½ miles from Saratoga Springs, N. Y., on the State highway to Corinth and is more easily accessible than the old, both by automobile and by bus line. The tract comprises 20 acres, of which approximately 15 are covered by an excellent growth of timber, and will furnish an ideal situation for the desired purpose.

Winter Rye a Good Crop

Winter rye is the hardiest of all cereals. It can be grown in all parts of the country, says the United States Department of Agriculture, but is most profitable in the Northern and Eastern states. Its production in the United States has increased rapidly during the past few years, due chiefly to a heavy foreign demand, high-priced labor, low yields of wheat, and the development of improved varieties of rye. It is grown largely as a cash grain crop in the Western half of the country, but is used also for pasture, as a green-manure or nurse crop and to smother weeds.

The ordinary time for sowing winter rye in the northern part of North Dakota and Minnesota is about September 1, with later dates in sections south of this. Many farmers will find it profitable to sow winter rye yet this fall, using grain stubble, corn ground, fall-plowed land, or summer fallow, if climatic conditions permit, the department believes. Sowing on grain stubble is often the most profitable because of the cheaper cost of production. The grain should be sown with a drill at the rate of 4 to 6 pecks an acre.

J. B. S. Haldane, an English scientist, predicts chemical synthesis of foods within 120 years to an extent that will render agriculture a "luxury" and "mankind completely urbanized." This will be hard enough on the farmers, but think also of the poets and the artists.

A. C. Shallenberger's Scotch Shorthorn Sale

Wednesday, Oct. 24

In the big new community sale pavilion

Alma, Nebraska

55 Head the Best from Two Leading Herds

10 regular herd bulls, all old enough for service. 45 females, comprising 5 cows with calves at foot. 20 bred heifers and 20 open heifers. EVERY ANIMAL SELLING IS PURE SCOTCH and twenty head have been exhibited and many of them won good places at leading state fairs this year. A dozen head are the get of SUPREME CERTIFICATE and many are bred to him. Others by Gainford Marshall and Ashbourne Choice.

20 head are consigned by Haskins & Ogden, Republican City, Neb., and include their entire show herd. Half or more of their females were sired by or will be bred to their great bull VILLAGE KING 3D. Our eral accredited. It will be worth while to attend this sale either as a buyer or visitor. Write for catalog and mention this paper.

A. C. SHALLENBERGER, Alma, Nebraska

Auctioneer: Col. A. W. Thompson, Jesse R. Johnson, Fieldman.

Republic County Shorthorns

36 head, consignments from three herds and only choice cattle will be sold. Sale in the new sale pavilion, North Central Kansas free gate fair grounds.

Belleville, Kan., Tuesday, Oct. 23

Those consigning with Mr. Donham are: J. B. Sherwood, Talmo, Kan., C. P. Moore, Munden, Kan.

10 cows with calves at foot. 11 yearling and two year old heifers. 7 young bulls from six to 16 months old. Balance young cows well along in calf. Half of the offering is straight Scotch breeding. All from federal accredited herds.

Many of the cows are splendid milkers and all are capable of raising good calves. Everything just out of the pasture but in good breeding condition. Sale catalog ready to mail. Address,

R. B. Donham, Talmo, Kansas

Auctioneers: Jas. T. McCulloch, G. E. Waring.

J. W. Johnson, Fieldman Mail & Breeze.

S. B. Amcoats and others sell at Clay Center the day following.

Quality Shorthorn Sale

46 lots, carefully selected from four well known herds. Sale at the S. B. Amcoats farm, four miles northeast of town.

Clay Center, Kan., Wednesday, Oct. 24

Those consigning with Mr. Amcoats: W. J. & O. B. Burtis, Manhattan, Kan., Henry Bayer, Manhattan, Kan., Arthur Johnson, Delphos, Kan.

An offering that excels in choice individuals and fashionable breeding any sale of recent years. Everything federal accredited. 8 bulls, 6 pure Scotch, from 10 to 13 months old. Splendid herd bull material.

38 females, cows with calves at foot and rebred, bred and open heifers. Nearly all of them have pure Scotch pedigrees. Nothing over six years old. Sale catalogs ready. Address,

S. B. Amcoats, Clay Center, Kan.

Auctioneers: Jas. T. McCulloch, Will Myers, Ross Shaulis.

J. W. Johnson, Fieldman Mail & Breeze.

R. B. Donham and others sell at Belleville the day before.

C. G. Steele's Hereford Sale

45 good producing Hereford cows, every one a good milker and a good mother cow. Sale at the farm, seven miles southwest of Waterville,

Barnes, Kan., Tuesday, October 16

Part are by Parsifal 24th and bred to Arthur Domino and the others are by Arthur Domino and bred to Parsifal 24th. An exceptional offering of producing cows bred to outstanding sires that are making good in our herd.

Jersey Cattle Consignment. Mr. B. E. Berry, Barnes, Kan., is consigning 15 registered Jersey females in this sale. They are from the highest testing herd of this section. Some fresh and others to freshen soon.

Sale catalog ready to mail. Address,

C. G. Steele, Barnes, Kansas

Auctioneers: Jas. T. McCulloch, Jesse Howell, Gean Gordon, Vernon Noble. J. W. Johnson, Fieldman Mail & Breeze.

Dispersion of Beau Gomez Herefords



BEAU GOMEZ 374424

Sale will be held on the farm adjoining Osborn, Mo.

Friday, October 26

Osborn is on main line of Burlington, 30 mi. east of St. Joseph, Q. O. & K. C., 60 mi. north of Kansas City.

This is the original home of Boatman, General Gomez, Benjamin Wilton, Weston Stamp 16th, Beau Carlos, Beau Gomez and other noted Anxiety sires.

This dispersal will release a great string of breeding cows mostly with Beau Model calves at foot and 24 open yearling heifers Beau Gomez and Domino breeding, also Beau Model the best son of old Beau Gomez and three senior bulls by him, good enough to head anybody's herd. A great opportunity to lay a herd foundation. It is only in a dispersal sale that you can get the better breeding animals. At present prices I never saw a better time to go into the pure bred breeding business. My only regret is that I must sell at this time. Catalog gives full information. I have one for you. Send for it.

H. D. CORNISH, Osborn, Missouri

POLLED SHORTHORN CATTLE

POLLED SHORTHORN CATTLE

45 POLLED SHORTHORNS 27 DUROC JERSEY HOGS

Carlton, Kan., R 2, Tuesday, October 23

Sale starts at 10:30 a. m. At the farm of John R. Young, on Rural Route No. 2, (10 mi. S. E. of Gypsum, 18 mi. S. of Abilene, 20 mi. W. of Herington and 24 mi. N. W. of Marion.)

A dispersal of our entire herd of choicely bred Polled Shorthorn cattle including:

Sultan's King 573453 the pronounced best breeding son of grand champion True Sultan, the undefeated bull of the breed in his time.

3 yearling bulls sired by Sultan's King.

Lot of choice calves by Sultan's King.

37 cows and heifers sired by or bred to the herd sire, Sultan's King.

Our herd of registered Duroc Jerseys go 5 boars including Valley Pathfinder 3rd by the great Pathfinder, Cherry Lad by Joe's Orion Friend, Walt by Joe Orion 2nd, and 3 boar pigs by Valley Pathfinder 3rd.

22 sows and gilts by the above named herd boars and other sires of merit.

Write for the catalogs, addressing the owners,

John R. Young and E. A. Hayen, Rte 2, Carlton, Kan.

Auctioneers: Geo. W. Berry, John McInden.

POLLED SHORTHORNS



POLLED SHORTHORNS

We always have males and females, calves to breeding age, for sale. Fifth sale, Nov. 8. Write for catalog.

A. C. BANBURY & SONS, PRATT, KAN.

GUERNSEY CATTLE

RANSOM FARM GUERNSEYS. Purebred females and bulls of breeding age and calves. Most of them by or bred to Damselless of Edgemoor, 1919 world's grand champ. Fed. accord. G. E. King, Mgr., Homewood, Kan.

FOR GOOD QUALITY Guernsey and Holstein cows and heifers write John Keener, Amherst, Wisconsin

AYRSHIRE CATTLE

Diversity With Ayrshires

Sold out of bulls serviceable age but am selling bull calves at \$35.00 and up. Females all ages, open or bred to Canadian Grand Champion bull, one or a carlot at moderate prices. All of proven production and real type, with best of udders and teats. Write or come. Can give terms. David G. Page, Topeka, Kan.

CUMMINS AYRSHIRES

Cows, heifers, bull and heifer calves. Tuberculin tested. Good quality. Priced to sell.

R. W. CUMMINS, PRESCOTT, KAN.

Six Ayrshire Cows

Two heifers, two heifer calves. Tuberculin tested. Best of breeding. Priced to sell.

JAMES WAGNER, PERTH, KAN.

GALLOWAY CATTLE

Registered Galloway Bulls For Sale
Address FASHION PLATE, Silver Lake, Kan.

What's New in Livestock

The American Royal Show Will Have Fine Exhibits at Kansas City November 17-24

BY FIELDMEN AND REPORTERS

THE American Royal Livestock Show to be held in Kansas City November 17 to November 24 will undoubtedly be the largest and the best display of high class livestock ever held in that city. Kansas City is the logical point for the Eastern feeder to meet the Western producer and for the Eastern breeder of pedigree stock to meet the Western ranchman in quest of purebred animals to improve or maintain the high standing of many of the vast herds on the Western ranges," says W. J. Tod of Maple Hill, the most noted cattle breeder in the state of Kansas.

"Last year was the beginning of a new epoch in the cattle world of America, when that magnificent pavilion was opened and dedicated along with the soul-inspiring music of the grand oratorio which thrilled the hearts of the many thousands privileged to be there. No credit can be too great for those few whose ability, courage, energy, indomitable perseverance and excellent taste devised and completed the splendid structure now a gift to the stockmen of this country. The whole work and sentiment is beyond praise."

For Carlot Show \$10,000

Naturally the management of the American Royal Livestock Show, which is essentially the management of the Kansas City stockyards, gives good attention to the business which has developed the Southwest and made of the Kansas City stockyards and the Kansas City packing plants one of the world's biggest business centers.

The American Royal this year gives about \$10,000 in prizes on carlot entries on cattle, hogs and sheep. Included in this \$10,000 are heavy contributions from the different livestock record associations engaged in promoting the interests of the breeds which support them. This co-operation makes it possible for a car load of Hereford cattle to win \$720 or for a car load of Shorthorn cattle to win \$600. Likewise a car load of fat hogs of any distinct breed may be able to win \$450.

Purebred Herds for Colorado

Sixty new purebred herds are to be started on Colorado farms in the near future with registered sires given in even exchange for scrubs. Sixty leading breeders, interested in starting Colorado herds with Colorado purebreds are contributing to this apparently one-sided exchange, receiving for their fine animals only a pro-rata share of the proceeds of the sale of a miscellaneous lot of scrub bulls and boars that are to be auctioned off at the Denver Stockyards at the close of the unique campaign.

A 10-car demonstration and exhibit

train is being fitted up to carry the message of Better Sires to 20 Colorado communities along the lines of the Colorado & Southern and Burlington Railways, during a tour that will begin October 15 and continue to and including November 1. Co-operating with the agricultural departments of these two railroads are the extension service of Colorado Agricultural College and other educational forces. The breeds interested are the Hereford and Shorthorn Beef Associations and the Duroc Jersey and Poland China Hog associations.

Nine States Have Filled Milk Laws

Six additional states have enacted filled milk laws to prohibit the manufacture and sale of filled milk within the state boundaries, in the past two months, according to the report of the extension service of the Holstein-Friesian Association of America. These states are Iowa, Kansas, Missouri, South Dakota, Massachusetts and Vermont. In Vermont, the bill was passed over the veto of the governor. Three additional states, Wisconsin, New York and Ohio formerly had filled milk laws.

Filled milk bills are pending in Illinois, Minnesota, Michigan, Connecticut, New Hampshire, and Pennsylvania. In Wisconsin and Indiana filled milk legislation was defeated.

Testing Record Pays

J. D. Brader, Cherokee county farmer, recently sold a grade Jersey cow for \$125. This sum, which was at least twice the ordinary grade cow price, was sold too cheaply, for she has been, for four years, a member of the Oswego Cow Testing Association, and knew just what this cow had produced during this period. At \$125 this cow was sold too cheaply, for she has netted Mr. Brader more than \$100 above the cost of her feed each year since 1919. Official records attest the true value of dairy cows.

Results From Nurse Cow Ban

The rule made by the Hereford Cattle Breeders' Association barring the use of nurse cows in show herds, except for animals entered as junior or senior calves, has shown beneficial results this season. For instance, at the recent Kansas Free Fair held at Topeka, eight exhibitors of Shorthorn cattle showing 78 animals carried 36 nurse cows. At the same fair, 13 exhibitors of Hereford cattle showing 135 animals carried 49 nurse cows. The nurse cow percentage of the Shorthorn breeders was about 46 per cent as against 36 per cent of the Hereford breeders.

Of course these figures might not mean the exact percentage of possible elimination, as such percentages nec-

New Spotted Poland China Section

JUST as there is nothing in the world so interesting or important as our young people, likewise there is nothing more interesting in animal husbandry than a developing breed. Its improvement is a study of surpassing interest; its future one of unlimited possibilities. This is the situation which has attracted to Spotted Poland Chinas, some of the most capable breeders of this time. The sources of the breed's strength are near and virile; the advancement from improving crosses is rapid and pronounced; the breeder can actually see developing under his eyes the fruits of his planning and his judgment.

Because of the remarkable number of new men each year engaging in the production of Spotted Polands it has seemed especially important to publish as early as possible, some data on the animals that have helped to furnish the better materials available for the breeders' use. The breed still is too young for selecting with certainty all the strains that in time will become historic but some animals have been selected which undoubtedly have done good work. Strains and animals yet to be tested may do more; it is the prime fascination of this breed that any herd may yet produce what Brilliant was to Percherons or King of the Pontiacs to Holsteins.

Grouped around each succeeding story of Spotted Polands, the first of which appears in this issue, are the advertisements of the state's breeders whose co-operation have made this feature possible. It is our thought to cultivate in this way an increased study of home herds and increased acquaintance and co-operation among home breeders. One state is an ample field for all excepting the very few whose abilities or facilities for distribution are very exceptional, and the man who looks for it, usually can find within his state, as good as the breed affords.—Livestock Editor.

essarily would vary with the proportion of calves being shown to mature and 2-year-old animals. The thing the Hereford people are trying to eliminate is the use of nurse cows for animals entered as yearlings, many of which by the time they are actually shown at the fall fairs are 24 months old.

Seldom, however, are animals of that age kept on nurse cows either by Short-horn or Hereford breeders. Not only does the expense interfere, but many show animals wean themselves despite all efforts to keep them taking milk. The rule was made, however, to bar the exceptional cases in which animals weighing 1,000 to 1,500 pounds would continue to nurse, and in which nurse cows were carried regardless of expense.

T. W. Morse.

Lincoln County Shipping Associations

R. B. Cromwell, manager of the Farmers' Elevator, at Denmark, has taken over the management of the Denmark Livestock Shipping Association. The Sylvan Grove Livestock Shipping Association is organized and ready to begin shipping. The board of directors have employed R. W. Wohler of Sylvan Grove as manager.

The organization of the Sylvan Grove Livestock Co-operative Shipping Association makes the sixth association of this kind to be organized in Lincoln county during the last two years. This further goes to show that the saying "Farmers won't co-operate" is incorrect and without foundation.

Ayrshires for Oklahoma A. & M.

During the Free Fair at Topeka, Kan., the head of the Oklahoma A. & M. College bought the foundation for a herd of Ayrshires. These cattle were bought from David Page, of Topeka, Kan., after an inspection of both the show herd and the breeding cattle on the farm. The selections, however, were made from the show herd as follows: Cacapon Lass, 2-year-old and winner of junior championship, and Willowmore Dolly, winner in the aged cow class.

Lamb and Mutton as Food

The production of sheep for wool alone is rapidly on the wane in the United States. More and more emphasis is being placed on the production of lamb and mutton for the table, altho only 3.7 per cent of the meat consumed by the average American for the last five years was lamb or mutton. This proportion should be much larger, according to the United States Department of Agriculture, as mutton and lamb are among the most healthful, nutritious, and palatable of meats.

The reason for the limited use of lamb and mutton throughout the central section of the United States probably had its origin in the days of the development of the great Corn Belt region west of the Appalachian Mountains, according to workers of the United States Department of Agriculture. At that time the sheep owned by the settlers of that region came largely from the North Atlantic states and had been developed almost without exception for wool production, regardless of the inherent flavor of the meat. The flesh of these animals was no doubt tough, not so palatable as other meats, and possibly, owing to the crude methods of caring for it, much of it was unfit for use. As this section of the country has been somewhat slower in the development of mutton breeds of sheep, and as much prejudice against the meat has been handed down from generation to generation, there has developed the idea that the flesh of all sheep is not appetizing and carries peculiar flavors.

There is a characteristic taste in cooked mutton and lamb due to the chemical contents of the meat fat, that makes it easy to distinguish from other kinds of meat. The same is true of beef, chicken, venison, or rabbit. In order to prove that this taste was not unwholesome and that the meat was palatable, experiments were made by the Bureau of Animal Industry of the Department of Agriculture in co-operation with the Office of Home Economics, which proved that lamb and mutton are wholesome, appetizing, and economical meats for family use, ranking well up with other meats in food value per pound. The fact that only a small proportion of sheep carcasses are condemned under Government meat inspection further supports the opinion that mutton and lamb should be used more generally.

Kansas Spotted Poland Herds

Archback King Spots

Spring gilts and boars by Carmine's Archback by Archback King out of Lady Carmine, 1919 Iowa grand champion. Females bred to Archback Marvel by Captain Archback. A real up to date herd.

C. W. BALE, CHASE, KANSAS

Spots Out of Large Litters

Spring pigs, both sexes, by Master K. 19th, Cornage, and My Searchlight. Well marked. All by boars out of large litters and these pigs for sale are out of large litters.

PETE ANDERSON, BURLINGTON, KAN.

Largest Spotted Poland Herd in Kansas

Headed by 6 boars including Master K. King of England Jr. by King of England, etc. All classes for sale at all times. Write me your needs.

A. S. ALEXANDER, BURLINGTON, KAN.

Gloverdale Stock Farm Offers

Long, tall, big boned boars. Unrelated litters in spring or fall pigs. First class, well marked carrying size and stretch. Most of them by Royal Duke. Guaranteed to suit or money refunded. Pedigrees furnished promptly.

WM. ATWELL, BURLINGTON, KAN.

Spring and Fall Gilts and Boars

Most of them by The Pick by Pickett's Spotted Giant and a blood brother to Disturber by The Aristocrat. Dams are mostly Faulkner bred. Also include daughter of Kramer's Kind. Good ones at reasonable prices.

EARL C. JONES, FLORENCE, KAN.

Powell's Grandchampion Bred Spots

Bred sows, bred gilts, boars all ages, pigs. Leopard King, Carmine, Wonder King, Spotted Eagle, Greasy Ash, etc. Females in service to Realization. Two by Realization King. August farrow pigs by Spotted Giant, 1922 world's grand champion, out of grand-daughter of Revelation.

D. E. POWELL, ELDORADO, KAN.

We Have 'Em—All Classes

Especially spring pigs by Arch Prince by Arch Back King and The Topic by The Night Rider. Every hog immunized and in good condition.

W. P. HAMILTON, BELLE PLAINE, KAN.

Herd 8 Years in Developing

Headed by Spotted Boy by Good Boy, Gates Giant by Gates Improver, and Farlington Boy. A first class herd. We offer all classes. Send your orders or visit our herd and make your selections. Immunized and priced reasonably.

J. S. UNDERWOOD, Uniontown, Pa.

Beveridge Sale Spotted Polands

Marysville, Kan., Friday, Oct. 12

The spring boars and gilts in this sale are by Arch Back Rainbow King, Kansas and Missouri grand champion; others by Model Ranger, 1922 junior national champion; Pickett's Spotted Giant, national reserve champion 1922.

We are selling sows, sows with litters to six weeks old, and some sows that will farrow in October.

Highway Farm, one mile east.

DR. J. A. BEVERIDGE, Marysville, Kan.

Sale catalog ready to mail. Address as above.

B. G. Hall and Sons' Spotted Poland Sale October 11

40 head Spotted Polands. 15 yearling sows bred by Spotted King 47875 by 900-lb. Spotted Lad, first in class on herd all breeds Lima County Fair 1922. These sows have litters by 400-lb yearling boar, 10-in. bone. Hall's Harkrader by Shaver's Best 25707 from Harkrader's Fern Beauty 57142 by Spotted Big Bone 4th 50287.

23 open tried sows and spring pigs bred by Master K XII 19651, 850-lb. boar; gilts and boars by Spotted King and our Harkrader show boar, 3 spring boars and litters not related by Grandson Leopard King and Royal Spot.

At farm at 12 o'clock, four miles north Blue Mound, Kan., on Mo. Pacific; 5 miles south of Centerville on Mo., Kan. & Texas railroad. Send for catalogs.

B. G. Hall and Sons, Blue Mound, Kans., Route 2.

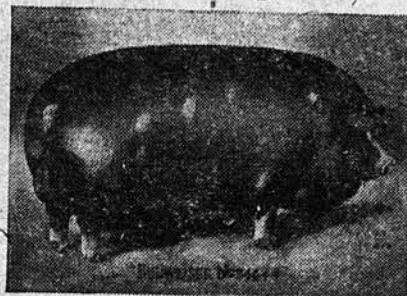
Why Don't You Tell Us?

If there is anything wrong with the Kansas Farmer and Mail and Breeze that you are taking or if you are not getting it every week as you should, tell us about it.

We are interested in you and always try to please. Address Circulation Department, Kansas Farmer and Mail and Breeze, Topeka, Kan.

11,400 miles of Federal Aid roads were built in 1922.

Landmarks in the Breed's Upbuilding—I



Budweiser 34644

Our first Poland China hogs that were bred and developed by the farmers of the Miami Valley of Ohio were spotted and some few were white. From this start came the hog Budweiser 34644, the preserver of the Spotted Poland China. The blood of this boar has gone into the foundation of hundreds of herds. It was his sons, daughters, grandsons and granddaughters which proved to many inquiring American farmers that the old fashioned Spotted Poland Chinas were not yet extinct.

Budweiser never was shown as there were no classifications for Spotted Poland Chinas in the shows during his time. In later years his blood was well represented in the winnings of the leading shows. He was bred by John W. Moore, Canton, Ill., who was a son of A. C. Moore, one of the originators of Poland Chinas and one of the most prominent breeders 40 years ago. Budweiser was used in my herd from 1903 until his death, which occurred when he was ten and one-half years old. He was very active and vigorous up to the time of his death and had he not contracted pneumonia, undoubtedly would have been useful for several more years. The writer has known of several hogs of this breed that were useful in their tenth to twelfth years.

Budweiser was sired by Big Amos and his dam was by Price Hadley, both very large and vigorous hogs for their day. Budweiser, while not extremely large, carried his 800 pounds evenly distributed, with two good ends and a good middle. He was one of the type that was very much wanted in the early part of the present century. The farmer who wanted a hog that was prolific, whose produce would sell over the scales at six or seven months, weighing 200 to 250 pounds and grow bigger as they grew older, were persuaded they could produce just such hogs from the progeny of Budweiser. His get did not disappoint them, and it can be easily understood why the Spotted Poland China breed has made such wonderful growth and development. In later years other boars that came on, were prominent factors in the upbuilding and improving of this great breed.—Homer L. Faulkner.

Miller & Manning Offer

Spring boars of outstanding quality in breeding and as individuals. Open gilts or bred for spring farrow. Write us your wants today.

MILLER & MANNING, Council Grove, Kan.

Home of Model Ranger

World's Junior Champion, Peoria, 1922. Two other great boars in use. Kansas S. P. C. headquarters. Write for descriptions and prices.

HENRY J. HAAG, HOLTON, KAN.

Big, Growthy Spring Boars

Sired by Fernwood's Archback and out of mature sows. These boars are extra good and priced to sell. Henry Fields and Henry Haag breeding.

C. N. BUNDS & SONS, WETMORE, KAN.

HIGHWAY SPOTTED RANGER

By the 1922 champion. Boars for sale and open gilts or gilts bred for spring farrow. Inspection invited and prices quoted on application.

DR. J. A. BEVERIDGE, Marysville, Kan.

Bazant's Boar Offer

To old customers and new, I offer to ship spring boars, well grown and out of big five and six hundred pound sows and sired by three boars of top breeding. Prices will suit. Act now.

R. J. BAZANT, NARCA, KANSAS

Kansas Archback Boars

160 pigs raised sired by this good son of Archback King. Others by Fashion Star by Fashion Jumbo. Selling only good ones priced right. Ask for prices on boars now.

D. J. MUMAW, ONAGA, KAN.

Bargains in Baby Pigs

Papers with each pig. Also top spring boars by Master K. English breeding. Write today.

M. N. THILLE & SON, Cawker City, Kan.

Prairie Grove Farm

Top of our spring boars by Dixy Boy. Others by Wonder King. Farm near town. Write today.

GEO. F. CRABILL & SON, Cawker City, Kan.

Boars of March Farrow

Priced right. Weanlings of either sex, papers with them. Popular blood lines. Plenty of English breeding.

W. S. MEERS, CAWKER CITY, KAN.

SPOTTED POLAND CHINA HOGS

\$25.00 BUYS THE BIG HUSKY SPOTTED FALL BOARS

Sired by The Emancipator, a son of the International grand champion. All registered and cholera immunized. Also bred sows at bargain prices.

G. C. ROAN, ETHEL, MACON COUNTY, MISSOURI

SERVICEABLE SPRING BOARS, reg. and immune, \$15.00.

J. O. Greenleaf, Mound City, Kan.

BRED SOWS AND GILTS, also nicely spotted pigs of Arch Back King breeding, priced right.

T. L. Curtis, Dunlap, Kansas.

SPOTTED POLAND CHINA HOGS

REGISTERED SPOTTED POLANDS Boars and gilts, cholera immunized.

Carl F. Smith, Cleburne, Kan.

HAMPSHIRE HOGS

Hampshire Spring Pigs

for sale, both sexes, extra good ones from DeKalb's King 163d and Cherokee Lad sows and a Tipton bred boar. Price \$20 f. o. b. Barnard.

WM. C. PARSONS, Barnard, Kan.

Boar Day for S. P. C. Breeders

Henry Haag's Kansas Herd of Spotted Poland Chinas. Annual sale of 55 head at his farm, two miles north of town.

Holton, Kansas, Thursday, Oct. 11

The offering, which is an excellent one consists of 25 big, husky spring boars, 16 very choice spring gilts. 11 very choice fall gilts and some very desirable tried sows with litters. Beginners wanting either boars or gilts are urged to come. Sale catalog ready to mail. Address,

Henry J. Haag, Holton, Kansas

Auctioneers: Taylor, Cain, Crews, McFadden.
J. W. Johnson, Fieldman Mail & Breeze.

Community Spotted Poland Chinas

60 lots, 25 spring boars, 30 spring gilts and five tried sows. Sale in big sale tent.

Chapman, Kansas, Friday, October 12

The 60 head in this sale are the actual tops from the following herds, all of Chapman:

Wilkins & Anderson, E. F. Detrich, L. E. Acker. Boars and gilts by Giant Improver, Pickett's Spotted Giant, and Y's Royal Prince. Also the blood of Pathmaster through a good show sow.

Sale catalog ready to mail. Address,

W. N. Wilkins, Chapman, Kansas

Auctioneers: Chas. Taylor, Wm. Cookson and L. B. Ryan.

J. W. Johnson, Fieldman, Mail & Breeze. Note: Special terms to Pig Club members as to time of payment. Chapman is half way between Junction City and Abilene on cement road. Bus from each town every two hours.

Alfalfa Chester White Auction

On Farm Near
Sterling, Neb.
Thursday, Oct. 18

45 Head of Extreme Big Types, comprising 30 spring boars of early farrow, 10 fall boars and 5 open sows and gilts. The offering is practically all by my herd boars TICHOTA'S CHOICE and ALFALFA RAINBOW a great son of Alfalfa Surprise. Out of as big and typy sows as the breed affords. This is my usual good sale of pigs raised on the farm and fed and handled for best results. Write for catalog.

Wm. Buehler, Sterling, (Johnson) Nebr.

Col. J. C. Price, Auctioneer.



White View and Sunnyside Chesters

(Joint sale)
Diller, Nebraska
Wednesday, Oct. 17

20 spring boars, 16 spring gilts, 10 fall gilts. Good ones from two herds. Sired by Chief Justice 2nd, First prize aged boar, Nebraska state fair 1922. The Constructor, Junior Champ, same fair same year, and Rainbow, grandson of Tichota's Choice, a breeder second to none. Write for catalog. All mail bid hogs shipped on approval.

Henry and Alpha Wiemers
Diller, Nebraska
J. C. Price, Auctioneer.

Lugenbeel's Chesters

AT AUCTION.
Hiawatha, Kansas, Oct. 15

35 boars and 5 gilts, including 3 brothers of Blue Grass Giant. We have shown this year at Sedalia, Des Moines, Lincoln, Topeka and Hutchinson and now own 16 blue and purple ribbon winners including four grandchampion boars and one junior champion boar. We sell a grand lot of boars in this sale. Write for catalog.

EARL LUGENBEEL, Padonia, Kan.

Carper's Sale of Chester Whites

Dunbar, (Otoe County) Nebr.
October 19, 1923

24 spring and 6 fall boars, 10 spring gilts and one sow with litter. Offering sired mostly by SPRINGVIEW WONDER and ALFALFA SURPRISE. Bred and fed to make money for our customers. Write for catalog, and either attend or send bids to auctioneer.

W. W. CARPER, DUNBAR, NEB.
Col. J. C. Price, Auc.

Wiemers' Chester Whites

Spring pigs by Rainbow and Chief Justice 2nd. First prize aged boar Neb. State Fair 1922. Pairs and trios not related. Big early husky pigs, vaccinated and guaranteed to please or no sale. Free circular and photos.

HENRY WIEMERS, DILLER, (Jefferson Co.) NEB.

Grandview Chester Whites

Bred sows. Gilts out of litter of 18 bred for September farrow. Spring gilts. Three good yearling boars. Prices right.

CARL WYCKOFF & SON, WADEO, KAN.

CHESTER WHITE HOGS

CHESTER WHITE BOARS AND GILTS
Cholera immuned. Priced to sell.
A. H. KNOEPFEL, COLONY, KANSAS

SAFE AND SANE Chester White spring boars and gilts, yearling boars, summer and fall pigs. Immune. Write or come and see "The Old Reliable" Henry Murr, Tonganoxie, Kansas.

CHESTER WHITE SPRING BOARS
by Aviator. Fall pigs, both sexes, by Monster Prince. Typy. Priced right. **E. E. SMILEY, PERTH, KAN.**

CHESTER WHITE BOARS, GILTS, young stock; bred gilts. Large type. Write for prices. Pedigreed. Burgess & Arts, Larned, Kan.

POLAND CHINA HOGS

Public Sale

at the O. B. Clemetson farm one mile north of

Holton, Kansas, October 13

Poland Chinas: 35 head, 10 boars, 25 gilts, all by Grand Victor. Strictly tops.

Red Polls: Four bulls and one heifer.
Holsteins: 20 cows and heifers and two bulls. Write for catalog to **O. B. Clemetson, Holton, Kan.**
Geo. Walton, Holton, Kan.

Poland China Boars and Gilts

in the sale pavilion,
Bendena, Kan., Oct. 16

The offering includes our 1923 first prize futurity litter at Topeka by Bendena Giant, the 1921 grand champion.

Litter of 10 out of Miss Clipper 1st, 2nd prize sow at Topeka 1923; last Sept. litter by Geronimo; other litters by Liberator, Revelation, Big Checkers, etc. Write for sale catalog.

H. B. WALTER & SON, Box K, Bendena, Kan.

Eligible Poland Gilts

Granddaughters of Big Bob Wonder and Columbian Giant, bred to the Corcorator for September and October farrow. Also good stretchy boars.

Edmund R. Beavers, R. 2, Junction City, Kas.

Big-Type Poland Boars and Gilts
Early farrowed, best of breeding, vaccinated, pedigreed. Priced reasonable. **Ross McMurry, Burton, Kas.**

FOR QUALITY POLANDS
at attractive prices write **C. D. CLOSE, Gorham, Kan.**
POLAND CHINA BOARS, spring and fall gilts. Also a few tried sows. Gilts bred or open. Priced right. Immuned.
C. R. Rowe, Scranton, Kan.

BIG TYPE POLAND SPRING BOARS
\$15.00 each; weanling fall pigs \$10.00 each from King Liberator sows.
Henry S. Voth, Route 2, Goessel, Kan.

POLAND CHINA BOARS AND GILTS
by Designer and Cleotis Jr. Designer gilts bred to Cleotis Jr. Farmer prices. **J. R. Houston, Gem, Kan.**

Big Type Poland China Sale

Cedarvale Herd, "Best in Poland Chinas," Sale under cover in
Kensington, Kansas, Saturday, October 20

40 extra choice spring boars and gilts.
10 by W's Giant Wonder, a half ton boar in breeding condition. 16 by Glenwell's Buster, my Giantess boar sired by Beter the Great 2nd. 5 are by Broadcaster, a line bred Clansman boar.
There is real herd boar material in this sale and you are invited to come. Everything immune. Sale catalog ready to mail.

Jess E. Rice, Athol, Kansas

Auctioneer, Vernon C. Noble, Manhattan, Kan.
J. W. Johnson, Fieldman Mail & Breeze.

Some New Forage Crops

Hungarian vetch is one of the many promising forage crops introduced in the United States by the Department of Agriculture. First importations of seed were made in 1905, but it was not until 1912 that the strain being developed at the present time was brought over from France. The crop has been most extensively tested in the Pacific Coast states, where it is especially well adapted, but it has also done well in experimental tests in the Southern states. Its winter hardiness, resistance to aphids, good seed habits, and adaptation to poorly drained lands make it desirable for extended trial throughout the Cotton Belt, the department believes.

Hungarian vetch is much less viny than common vetch or hairy vetch. One of its most striking characteristics is its ability to grow on heavy wet lands and still produce a fair crop. While there have been no feeding tests to determine the relative value of Hungarian vetch as compared to other vetches and hays, dairy cows at the experiment station at Corvallis, Ore., have consumed it readily. The crop also makes a good pasture and is valuable as a green manure crop.

Hungarian vetch should be sown in the fall in all regions having mild winter conditions. This means sowing about the 1st of September in the Southwestern states. In western Oregon and Washington the best seeding time is with the first fall rains during September and October. In regions having severe winters, however, fall planting is impractical and plantings made as early in the spring as the ground can be worked will give the best results. Seed is being produced in western Oregon, and at present this is the only place where it is being grown. The United States Department of Agriculture has at present none of this seed for general distribution.

U. S. Makes Camembert Cheese

A considerable industry in making Camembert cheese has grown up in New York, Illinois, Michigan, and California in recent years as a result of trade conditions during the war which cut off our imports, and forced American manufacturers to supply the demand in this country. At least 10 factories now are making Camembert cheese, and the larger ones are successfully producing from 12,000 to 35,000 pounds a month during the flush season in January and February. Some cheese is made, however, throughout the fall, winter, and spring months.

Studies made by the United States Department of Agriculture show that little if any Camembert cheese is made on farms; yet this is a common practice in France, where the industry started. Workers in the Dairy Division of the department believe that there are many who, if they would take the necessary pains, could develop a fairly satisfactory product on the average farm without great expense for equipment. Cheese suitable for

local trade as well as home consumption might profitably be made in this way, altho the home demand would have to be developed gradually due to our unfamiliarity as a nation with the Camembert type of cheese.

Make Your Furs Go Right

Writing your name and address on the outside of the bundle and tying on a fur house tag is not enough to insure identification of your shipment by the fur house you send it to. Packages are subjected to rough handling in shipping and no matter how heavy the paper may be it is sometimes torn and sometimes the trapper's name is missing for that reason. Grease from the furs often soaks thru and softens the paper. As a result the name may be partly rubbed off. Sometimes, too, even the tag is lost in shipping. In such cases, just because the bundle contains furs it is delivered along with a lot of other packages of fur to some house that the shipper didn't intend to ship to. Those are the reasons why some bundles of furs have brought no returns at all to the men who sent them.

However, it is just as easy to mark your fur shipment properly and the possibility of loss can be done away with entirely. The big advantages of shipping direct to fur receiving houses of national reputation should be reason enough for knowing the right way to mark every shipment. Such fur houses supply trappers with tags or will send them upon request. These tags come in two parts.

Before wrapping your furs write your name and address clearly on the stub tag marked "inside tag." Also mark on this tag the number and kinds of furs you are shipping. Put this stub inside the bundle then wrap the furs up well. Tie up your bundle then tag it on the outside with the mate to the tag you put on the inside with your furs. Then write your name and return address on the upper corner of the package. Follow these instructions in marking every shipment and you will find that you are sure to get a check for your furs promptly.

Should the wrapping be destroyed or the outside tag become lost, the inside tag bearing both your name and address and the name of the fur house you are shipping to will insure proper and immediate delivery of your furs.

Interest in Rat-Proofing

The effect of anti-rat campaigns in Oregon has been notable in the continued interest taken in rat-prevention and rat-proofing measures. One of the largest owners of real estate in the public market of Portland was so favorably impressed with the work done last year under the leadership of the Biological Survey, United States Department of Agriculture, in destroying rats and in establishing rat-proof conditions that he has torn out the entire interior of two of the largest buildings and is finishing them wholly with concrete with a view to making them completely rat-proof.

In Little Rock, Ark., as a result of

Good Advertising, Properly Followed Up Still Sells Good Purebreds

WE HEREWITH enclose our check for \$28.00 in payment of our account with you according to your statement of August 22.

"Please pardon the delay in sending this remittance, as the writer underwent a serious operation the latter part of August and this is the first that I have been able to be out of bed.

"We have found that it surely pays to advertise in the Capper papers if a man has good stock to sell. We have traced orders amounting to \$1,045.00 directly to the advertising which the enclosed small check covers.

"Going back a little farther we find that we have sold Duroc Jersey breeding stock to the value of \$11,035.00 at private treaty to 125 customers thru our advertising in the Kansas Farmer and Mail & Breeze and in the Oklahoma Farmer. This advertising cost us just \$201.81 according to our records.

"Considering the fact that not one dollar of this business came in during the inflated prices but represents our recent business during the recent period of depression we think that it makes a pretty good showing for the real merit of your publications as an advertising medium and also as to the quality of our breeding stock. Every hog that we have ever sold on a mail order was shipped with the absolute understanding that our customer must be perfectly satisfied or he could return the animal to us at our expense and we would refund the entire purchase price to him including transportation charges.

Very truly yours,

Stants Brothers.

Hope, Kan.
September 15, 1923.

Breeders of Duroc Jersey Hogs and Holstein-Friesian Cattle."

the anti-rat campaign which was launched there, steps were taken for the inauguration of a general clean-up campaign in the city and for the establishment of more satisfactory ordinances governing the construction and repair of buildings, the disposal of garbage, and the screening of food products.

When a Mink Played 'Possum

A trapper sent a shipment of seven skunk, two opossum and one extra fine mink skin to a fur house in a distant city. He failed, however, to enclose a note with his furs listing all the furs sent. The fur grader in going over the furs, sorted out, and classified the skunk and because a glance at the two opossum skins told him that they both classed as fine, large prime skins, he tossed them into a big pile of other furs and went on with the next shipment awaiting his attention.

He had seen no mink skin along with the skunk and opossum skins. Of course, the trapper at that time refused to ship any more furs to that receiving house.

Some weeks later a large collection of opossum skins were being piled up for sale, when one of the men engaged in stacking up the skins noticed a handsome, dark, furry tail sticking out of a big prime opossum skin. He reached in and pulled out of the opossum skin which had probably brought the trapper between \$1 and \$2, the missing mink skin which was worth at least four times that much.

This is not an isolated instance of this sort of error on the part of trappers in shipping furs; it happens time and time again. No furs should ever be placed inside of other furs. Place your furs flat, one on top of the other, with heads all pointing in one direction, on the heavy paper or burlap in which you are going to ship them; enclose an inside tag bearing your name and address and list the furs you are enclosing, then wrap your bundle securely. When packed in this way you may be sure that each and every fur will meet the fur grader's attention and there can be no misunderstanding regarding the number of furs you ship.

Relation of Grooming to Exercise

BY DR. G. H. CONN

The statement that a horse when working is much easier to clean than an idle one may seem out of place, nevertheless it is true, as careful observation and study will prove. An idle horse is always hard to keep clean and some horse's skin is extremely difficult to be kept free from scurf and grease. This accumulation is always greater when an animal is stall fed than when he is running on grass. It no doubt is one of those wise provisions of nature that provides for the removing of the dirt and the accumulations of excretions from the skin, by the workings of the natural elements and the feeding of Nature's best animal food—grass. We conclude from this that exercise or work is not only bene-

ficial to the health of the animal by keeping the organs functioning properly, but it also saves labor for the groom.

All horses that are used for work of any kind are kept under purely unnatural conditions. For this reason animals from whom it is expected that the maximum amount of work is to be obtained, must have a goodly amount of grooming which should consist of wiping and massaging. In the natural state the horse eats just enough food to maintain his bodily needs, and has just enough exercise to carry him from one grazing spot to another. In the stable as fed by man, he receives much more feed than his body requires for its own building up and maintenance, and this extra amount is converted into energy for the production of the work that man has intended that he should do. The digestive organs are called upon to handle this extra amount of feed, and in the course of the work that is performed, the various organs of the body provide for the elimination of the greatly increased amount of waste products, that are sure to result from the digestion of this extra amount of food. The lungs, intestines, kidneys and skin must eliminate this waste. It is an obvious fact then that when it is desired that the horse must perform difficult, fast work, one of the best methods of keeping the body fit is by thorough grooming.

Bulletin on Swine Diseases

The diseases and ailments which are important factors in reducing the profits of hog raisers, particularly the old enemy, hog cholera, are described and prescribed for in a new Farmers' Bulletin, 1244, Diseases, Ailments, and Abnormal Conditions of Swine, prepared by T. P. White of the United States Department of Agriculture.

Altho the ravages of hog cholera have been reduced 60 per cent below the worst years, lack of attention to herds and failure to apply all the precautions available leave it still the greatest menace to the industry. Much of the bulletin is devoted to this disease and to a number of diseases which in the time of cholera outbreak go unnoticed or are diagnosed as cholera. These other diseases include anthrax, epilepsy, gastroenteritis, necrobacillosis, pleurisy, pneumonia, poisoning, swine plague, (hemorrhagic septicemia,) tuberculosis, and worms.

Many other diseases and abnormal conditions, including such common troubles as thumps, sore mouth, sunstroke, rickets, paralysis of the hind quarters, and rheumatism, are described and proper treatments are given. There are also chapters on the prevention of disease and on the causes of losses during shipment.

Copies of the bulletin may be had by addressing the Department of Agriculture, Washington, D. C., as long as the supply lasts.

Kansas Butter Production

Kansas produced 53,050,113 pounds of butter in 1922, as against 48,749,164 pounds of butter in 1921. Eleven counties are in the million pound list, Shawnee leading with 8,085,210 pounds.

Other counties producing more than 1 million pounds of butter in 1922 are: Franklin, 4,230,000; Cowley, 3,727,230; Sedgwick, 3,425,598; Reno, 3,102,519; Labette, 2,905,294; Cloud, 2,899,278; Dickinson, 2,385,975; Wyandotte, 2,357,878; Morris, 2,108,294; and Barton, 1,860,347.

Our Best Three Offers

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

Handy Helps On a Duroc Farm

BY J. T. HUNTER

B. R. Anderson, McPherson, Kan., has two strikingly noticeable labor and time saving devices, built by himself, on his farm. One is a revolving clothesline 24 feet across that revolves on roller bearings. Eight 12-foot arms of "two-by-fours" radiate from the center, each securely fastened in a casting for the fan of an eight-arm windmill. This clothesline holds about 125 feet of wire and is strong enough for a 200-pound

Big Sale—60 Durocs

At the farm, four miles north and a half mile east of

Gypsum, Kansas, October 19

Here is the offering: 15 spring boars, 15 spring gilts, 14 summer pigs, 3 fall yearling gilts open, 3 sows open, 1 sow with litter, 2 sows bred for December farrow, 2 fall gilts bred, 1 fall yearling boar. King's Crimson Illustrator, a direct descendant of Orion Cherry King and Illustrator. He is related to much of my stuff and I can't use him longer. Sale catalog is ready to mail. Address

Ross M. Peck, Gypsum, Kansas

Auctioneer, Jas. T. McCulloch, L. E. Gafford, J. W. Johnson, Fieldman Mail and Breeze.

Commander Giant the Sire

The second prize winner in class at Topeka 1922, proving a splendid sire. Annual boar and gilt sale at farm adjoining town.

Lawrence, Kansas, Friday, October 19, 1923

As usual my boars and gilts will be in good thrifty condition and will go on the average farm and do well.

20 well grown, well bred boars, 20 gilts, their sisters, and good.

All are by Commander Giant, Big Major Sensation and Intense Great Wonder.

Sale catalog ready. Write for it today. Address,

J. J. Smith, Lawrence, Kansas

Homer Rule, Auctioneer. J. W. Johnson, Fieldman Mail & Breeze.

DUROC JERSEY HOGS

40 Topy Duroc Gilts

Spring farrow and yearlings, sold open; good enough for any herd in quality, type and breeding. They are—Sensation and Commander Bred; Rock bottom price and a concession if buyer takes the bunch. Come quick.

A. C. HARTENBOWER, Perry, Okla.

Orion Commander Show Litter

Boars and gilts by Orion Commander, including the show litter that cleaned Kansas State Fair.

J. F. LARIMORE & SONS, GREENOLA, KAN.

Shepherd Has All Classes

A large herd headed by Grand Champion Sensational Pilot. All classes for sale by good sires and out of good dams. We have what you need. Write us your wants.

G. M. SHEPHERD, LYONS, KAN.

ZINK STOCK FARM DUROCS

Our champion bred Durocs have gone out to all parts of Kansas and the Southwest. Have all classes for sale at all times. Write us your needs. We will not disappoint you. ZINK STOCK FARMS, TURON, KAN.

DUROC BOARS AND GILTS. 20 choice big husky boars. New breeding and type. Real gilts of finest breeding. Farmers' prices. Frank Haynes, Grantville, Kan.

man to swing his weight on an arm or the wire any place.

Another device is that of axle arrangements on several barrels used for mixing slop for hogs. A two-wheeled cart with grooved flanges to support these axles may be backed up to one of these barrels with the tongue suspended in the air. When the grooved flange is immediately below the axle the tongue is lowered to a horizontal position and the barrel lifted off the ground and is then easily transported from place to place by pulling or pushing the cart.

Mr. Anderson is a Duroc breeder of long standing and good reputation. Victory Sensation 3rd headed his herd many years and died about a year ago. Great Pathmaster by Pathmaster came next and after getting a lot of good pigs by him the boar was sold to Ed. Holt of Marquette, Kan., where he now is doing good service. On the daughters of these two sires Mr. Anderson is now using Stiltis Orion by Stiltis. No pigs have been farrowed that were sired by this boar but with the wealth of good breeding behind them no doubt but that Mr. Anderson's herd will continue to rank high.

Business and Markets

(Continued from Page 28)

43c; No. 4 white, 42c; No. 2 red, 46c to 52c; No. 4 red, 42c to 45c.

Sorghums—No. 2 white kafir, \$1.80 a cwt.; No. 3 white, \$1.78; No. 4 white, \$1.75; No. 2 milo, \$1.94; No. 3 milo, \$1.92; No. 4 milo, \$1.88.

Other Grains—No. 2 rye, 73c a bushel; No. 3 barley, 60c; No. 4 barley, 59c; sample barley, 57c.

General Feed Stuffs

Not much change is noted in prices of general feedstuffs. The following prices are quoted at Kansas City:

Millfeeds—Bran, \$1.32 a cwt.; gray

Public Sale Duroc Jerseys

Excellent breeding and quality. Sale in old Hardman lumber yard

Cawker City, Kan.

Friday, Oct. 19

10 spring boars and 21 spring gilts sired by Giant Pathfinder; five boars and two gilts sired by Goldind Illustrator; five July gilts by Giant Pathfinder. Also some tried sows open with breeding privilege. Sale catalog ready to mail. Address,

Glen R. Coad
Cawker City, Kansas

Boars and Gilts

Big October sale of 60 tops from 150 head at the farm, nine miles south

Glen Elder, Kan.

Thursday, Oct. 18

20 extra large, spring boars sired by Calculator, Long Giant and Originator. 40 big, smooth gilts that can't help pleasing you. All immunized and in splendid condition.

Catalogs ready to mail. Address

L. L. Humes
Glen Elder, Kansas
Will Myers, Auctioneer.

Seidel's Duroc Sale

On farm 6 miles North of Morrowville, 14 miles Northwest of Washington, Kan., and 15 miles South of Fairbury, Neb.

Friday, October 19

42 head consisting of 4 sows with litters, 18 spring boars and one herd boar, and 24 spring gilts. Most of the spring pigs were sired by the herd boars Johns Orion Sensation, son of Johns Orion, and Crimson Rainbow, son of the grand champion Rainbow Sensation. Crimson Rainbow sells in sale. The offering is nicely bred along the best Pathfinder, Sensation and Orion lines.

NOTE: 19 head of the above are consigned by Johnson & Diamond, Fairbury, Neb. Write for catalog.

A. H. SEIDEL, Morrowville, Washington Co., Ka.

Auctioneer, Col. Chester McGurdy.

McLean's Durocs at Jerome

Herd founded on daughters of Great Sensation, Jack's Orion King 2nd, etc., headed by a son of Uneda High Orion. Offering spring pigs this breeding and females in service to Critic Sensation.

WM. McLEAN, JEROME, (Gove Co.) KAN.

DUROC MALES

One hundred and fifty immune Duroc males all sired by State Fair prize winning boars. Shipped on approval. No money down.

F. C. CROCKER, Box M, FILLEY, NEB.

WHERE TO WRITE OR TELEPHONE

About Livestock Advertising

Following are the addresses of the men who handle livestock advertising for the Kansas Farmer-Mail and Breeze and also the Oklahoma Farmer, the Missouri Ruralist and the Nebraska Farm Journal.

John W. Johnson, northern Kansas, 820 Lincoln St., Topeka, Kan.

J. T. Hunter, southern Kansas, 427 Pattle Ave., Wichita, Kan.

Stuart T. Morse, eastern and central Oklahoma, 831 Continental Bldg., Oklahoma City, Okla.

A. B. Hunter, western Oklahoma and Texas, 831 Continental Bldg., Oklahoma City, Okla.

O. Wayne Devine, northern Missouri, 1407 Waldheim Bldg., Kansas City, Mo.

Charles L. Carter, southern Missouri, 1407 Waldheim Bldg., Kansas City, Mo.

Jesse R. Johnson, southern Nebraska, 237 South 15th St., Lincoln, Neb.

R. A. McCartney, northern Nebraska, 237 South 15th St., Lincoln, Neb.

W. J. Cody, office manager, or T. W. Morse, director, care address below.

Notice: Orders for starting or stopping advertisements with any certain issue of this paper, should reach this office on or before Saturday, seven days before the date of that issue.

Instructions mailed as late as Friday evening on advertising to appear the following week, should be addressed direct to

THE LIVESTOCK SERVICE, Capper Farm Press, Topeka, Kansas

Northern Kansas Duroc Herds

BOARS BY HIGH GIANT

Climax Sensation and one or two other real sires including the tops from two litters by the world's champion, Constructor.

Bred sow sale February 7.
WOODY & CROWL, BARNARD, KANSAS

By Lincoln Commander

Ninety spring pigs by this splendid young sire and out of High Giant and Pathfinder's Orion sows. The real tops of the boars reserved for my fall trade.

LEWIS SCHMIDT, BARNARD, KANSAS

40 Big Spring Boars

Representing a variety of breeding. I can supply you with either spring boars, spring gilts or weanlings, either sex, or sows to farrow in October.

Boar and gilt sale November 5.
F. R. JENNE, LURAY, KANSAS

Meadow Hill Offers

Spring boars of unusual merit, type and breeding, sired by Crimson Pathfinder and Calculator boars and out of Sensation and Orion Cherry King dams. Choice tried sows and gilts bred for October farrow.

OPPE O. MOWREY, LURAY, KAN.

Special This Month

Boars by Leading Sensation, the Denver champion and Uneda Orion Sensation. Write for prices delivered at your station.

E. M. HALLOCK, ADA, KAN.

Real Boars For Sale

The tops of 30 boars by Sensation King, their dam by Uneda Orion Sensation. Others by Sensation King I Am, son of the Iowa champion Sensation King and their dam by Great Orion Sensation.

Bred sow sale February 6.
E. E. NORMAN, CHAPMAN, KANSAS

Six Miles N. E. Wamego

Tops of 50 spring boars sired by Uneda High Orion and Top Orion's Giant. I am just keeping the best for sale at fair prices. Come and see them. Bred sow sale Feb. 5.

JOHN HERN, WAMEGO, KANSAS

WALNUT HILL STOCK FARM DUROC JERSEYS

Yearling boars, spring boars and spring gilts for sale. Real pigs at fair prices.

D. C. ASHER, LAWRENCE, KANSAS

Yes, Commander Giant

Second at Lincoln, Topeka and Hutchinson 1922 and defeated only by his litter brother, Son of The Commander, grand champion same shows. Boar and gilt sale, 20 boars and 20 gilts by him, October 19.

J. J. SMITH, LAWRENCE, KANSAS

LEGAL TENDER HERD

100 Spring pigs by Kansas Sensation and Sensation King. You know our plan of selling. Private sales and satisfied customers. Every breeding animal we sell guaranteed.

J. E. WELER, HOLTON, KANSAS

Woodbury Farm, Sabetha

Several herd boars of outstanding merit, a herd of sows that equals any in the West. Top boars for sale of Jan., Feb. and March farrow. Extra type, well grown.

Boar sale October 27.
F. C. WOODBURY & SON, Sabetha, Kan.

Duroc Boars

Registered, immuned and guaranteed breeders; shipped on approval and a year to pay. Write for descriptive booklet and photographs.

STANTS BROS., HOPE, KAN.

Prairie View Farm Durocs

I offer a few outstanding spring boars. Six are out of a litter of 11 (March 21 farrow) by Col. Chief and out of an intensely bred Sensation dam. Write for descriptions and prices at once.

J. F. MARTIN, DELAVAN, KAN.

12 Extra Choice Boars

Just the tops of my spring crop. Shipped on approval if desired. By Sensation I Am One and Great Paramount. September and October weanlings by these boars at bargain prices.

LEO J. HEALY, COUNCIL GROVE, KAN.
Bred sow sale February 4.

Special Prices Bred Gilts

To farrow the last of September and in October. They are by a good son of Orion Cherry King and bred to a Sensation Pathfinder boar. Write today.

J. L. SCOFIELD, OSAGE CITY, KANSAS

Landmarks In The Breeds Upbuilding—V

Orion Chief 13333

Orion Chief 13333, was farrowed May 7, 1903 and was bred by Ira Jackson, Tippecanoe City, Ohio. His sire was Orion II 6537, and his dam was Mable 22518 by Longfellow, 6815.

Orion II was by Orion 4901, the boar that is considered the foundation boar of the Orion family, altho Orion Chief was the outstanding early individual in the family.

Orion Chief was the boar that put Jackson's herd in the front rank of Duroc herds in the entire country. At the World's Fair in St. Louis in 1904, the only place he ever was shown, this boar was the first prize junior yearling boar and his get won first for get of sire and first for produce of dam.

Ira Jackson and S. E. Morton were considered the foremost two breeders of the East, and it was thru their effort that Orion Chief and the Orions received their chance for showing the kind of hogs they could produce. These breeders already had developed the Protection family by using sons and grandsons of Orion Chief. They then crossed the Protections and the Orions and from these matings brought out some wonderful boars and sows.

Many breeders considered Orion Lady A 39756, one of the greatest sows of the breed. She was by Orion Chief. She was also the dam of Orion Cherry King 42475, one of the outstanding Duroc boars of more recent years. The reputation given to the Orions and Protections by this one boar, Orion Cherry King, was very marked. Orion Cherry King was by Cherry King 25979, a grandson of Orion Chief. Orion Cherry King was grand champion boar at the Ohio State Fair in 1913, and at about that time, Orion Chief was beginning to become popular as a sire. Great Orion Sensation, 26897, is a great grandson of Orion Cherry King.

While still in the Jackson herd Orion Chief sired the boar Joe Orion 23533, probably the greatest of his sons. Joe Orion sired Joe Orion II 35527, grand champion boar at the International; Joe's Ohio Chief 35525 and the boar, Jack's Friend 30379. Some of the other important sons of Orion Chief were Shorty Orion 17529, Orion King 48543, King Orion 73923, Orion Success 63383, Brown's Orion 37881, Speculation 53435, and Lovely's Orion Chief 46373. All these boars were either champions or sires of champions at the leading shows of the time. They also did very much in maintaining the standard of Duroc type where it was most inclined to fall down at that particular time.

Still another factor which added to the popularity of Orion Chief was the fact that he was the sire of Lena J. 54360, the dam of Defender, the great Colonel bred boar. Since that time, the Orions have become very popular in the South along with the Defenders.

Jackson sold Orion Chief in 1908 to Thomas Johnson for \$3500, a record price at private sale up to that time. On March 5, 1912, at the age of 9 years he was resold to H. W. Matern and H. W. Mumford of Michigan for \$605.

Orion Chief's greatest service to the breed came from his ability as a sow sire. Some of the best sows were Orion Variety 1st 47452, the grand champion sow at Missouri in 1907. Flo Orion 60575, King Lady 1st 123482, Orion Lady A, the dam of Orion Cherry King, Fancy Top Lady 55390 and Willetta Lady 55380. The sow, Mrs. Dream, was considered one of the greatest show sows of the breed. She was a grand daughter of Orion Chief.

Orion Chief was a half brother to the boar Top Notcher 8803, that was the foundation boar of a strain by that name, and the sire of the boar Tip Top Notcher 20720 grand champion boar at the World's Fair in 1904. The Top Notcher boars were really only a division of the Orion family.

Certainly the Orion family, and the boar, Orion Chief particularly, should come in for a large share of credit for the development Durocs have made.

Orion Chief died on H. W. Matern's farm July 12, 1912, only a short time after being bought by Mr. Matern and Prof. Mumford.—L. A. Weaver and Paul M. Bernard.

Our Linebred Pathfinders

We are offering only one boar, Intense Pathfinder, out of a litter of 12 raised and an excellent individual and a bargain. Also will take orders for gilts bred to a son of Pathfinder Paramount to be delivered when safe. J. A. CREITZ & SON, BELOIT, KAN.

Two Real Herd Boars

One junior yearling, Improver, sire Giant Sensation, dam by Big Bone Giant, Jr. One senior yearling Pathfinder breeding, a real sire and show boar. Spring boars tops of 175 head by above boars and Orion Select, the 1025-pound 2-year-old. Farmers' prices. Sale October 18.

VERN V. ALBRECHT, Smith Center, Kan.

R. & S. Farm Durocs

I invite you to visit the R. & S. Farm any time. We have 200 spring pigs and we will be pleased to show you our herd.

A Pioneer Duroc Herd
MELVIN RINEHART, Smith Center, Kan.

ONLY OUR BEST BOARS

Will be offered for sale. We have already taken care of the others. Some by Giant Sensation Chief Jr., Giant Wonder and a few by The Commander's Pride.

DUFF & HOUTZE, KENSINGTON, KAN.

Select From 30 Boars

A spring boar sired by Sensation King and some are by Still's Model. Twelve sows that will farrow in August and September. These pigs at weaning time. Same breeding. Papers furnished.

R. V. HOPKINS, AGRA, KANSAS

DUBOIS' DISTINCTIVE DEPENDABLE DUROCS

Both distinctive and dependable because we use the utmost care and selection in our breeding operations and because we believe in and apply the Golden Rule to our business. We guarantee to please you.

JAS. T. DUBOIS, AGRA, KAN.

World's Champion Boars

Thirteen spring boars by Constructor and out of two sows, one by Great Orion Sensation and the other by Great Pathfinder. Also 50 other spring boars of choice breeding.

W. L. FOGO, BURR OAK, KANSAS

Buy Your Boar Now

Well bred, well grown spring boars for sale at fair prices. Sired by Giant Pathfinder and a few by Fairview Sensation. Also some by Paymaster.

Boar and gilt sale October 17.
J. C. MARTIN, JEWELL, KAN.

Valley Springs Durocs

Spring boars, spring gilts, bred sows and gilts and open gilts. Immunized. Prompt papers and a year's time if you want it. Write for full descriptions and prices.

E. J. BLISS, BLOOMINGTON, KANSAS

Tops of 40 Spring Boars

They are by King Pathfinder and High Pathfinder and some by Great Pathmaster and others by Fogo's Invincible. We are just selling the actual tops and at very reasonable prices.

BOHLEN BROS., DOWNS, KANSAS

Boars of Spring Farrow

By Calculator, Long Giant, Giant Pathfinder. Herd headed by Trent's Giant Pathfinder. I will have 50 weanlings by him for sale this fall.

A. L. TRENT, DOWNS, KANSAS

Public Sale, Oct. 19

In the Hardman lumber yard, Cawker City, Kan.
5 boars, 2 gilts by Goldind;
10 boars and 21 gilts by Giant Pathfinder.
5 July gilts.
Write for catalog today.
G. R. COAD, CAWKER CITY, KAN.

40 Spring Boars Raised

I offer just the tops of these boars sired by Goldmaster, son of Maplewood Pathmaster. One litter by Woodford Sensation, the McKee Bros. boar.

CHAS. STUCKMAN, KIRWIN, KANSAS

Boars by Sensation King

First in junior boar class at Smith Center, 1922. One litter by Giant Pathfinder. Priced in the reach of beginners and farmers.

F. W. ELLIOTT, KIRWIN, KANSAS

Superior Orion Sensation

The great young boar you will see at the fair this fall. We offer spring boars by him and sows bred to him for October.

Boar and gilt sale October 3.
M. STENSAAS & SONS, CONCORDIA, KAN.

Home of Cherry Pathfinder

A great son of Pathfinder Paramount. We are offering a few gilts bred to him for September and October farrow. Also a few bred to Sensation Col. Spring boars by either of these sires. Write for prices.

SHERWOOD BROS., CONCORDIA, KAN.

shorts, \$41.58; brown shorts, \$41.50; corn chop, \$1.77; molasses alfalfa feed, \$1.40; linseed meal, \$2.02; cottonseed meal, \$2.44; ground oats, \$1.60; ground barley, \$1.55; tannage, \$60 to \$65 a ton.

Hay—Prairie, \$9.50 to \$14; alfalfa, \$16 to \$23; timothy, \$13.50; clover, \$15.50 to \$16.50; straw, \$8.50.

Seeds and Broomcorn

The following quotations are given at Kansas City:

Seeds—Alfalfa, \$12 to \$17; Bluegrass, uncleaned, \$1.40 to \$1.75 a bushel; Red clover, \$15 to \$19 a cwt.; flaxseed, \$2.18 a bushel; Meadow Fescue, \$6 to \$7 a cwt.

Broomcorn—Fancy whisk brush, \$240 to \$280 a ton; choice Standard broomcorn, \$200 to \$240; medium Standard, \$180 to \$200; common Standard, \$120 to \$140; damaged brush, \$100 to \$120 a ton.

Northern Kansas

By J. W. Johnson



Jansonius Bros., Prairie View, Kan., always hold their annual Hereford sale in the sale pavilion at Phillipsburg, Kan. The date of their sale this fall is October 17.

W. E. Stice, White City, Kan., will sell Jersey cattle and Spotted Polands October 22.

O. B. Clemetson, Holton, Kan., will sell Red Polls and Poland Chinas in his sale at the farm October 13 and a neighbor will sell 20 Holstein cows and heifers and two bulls.

The dispersal sale of the Ralph Jennings herd of Holstein dairy cattle at the farm one mile west of Junction City will be held October 15.

H. B. Walter & Son, Bendena, Kan., proprietors of a herd of Poland Chinas with a national reputation, have announced a sale for October 16.

John A. Young, Carlton, Kan., is dispersing his herd of registered Polled Shorthorns and his entire herd of Duroc Jerseys. His sale is October 23.

Ross M. Peck, Gypsum, Kan., a well known breeder of Durocs, has decided to cut out the bred sow sales and October 19 he sells boars and gilts and there will be no bred sow sale this coming winter.

Commander Giant, J. J. Smith's herd boar that won second at Topeka in 1922 as a pig is a Duroc prize winner that has certainly made good as a sire. Mr. Smith has announced a sale for October 19.

Henry Haag's herd of Spotted Poland Chinas is headed by champions and sons of champions and in addition it is one of the best cared for herds in the state. Mr. Haag has announced a sale for October 11.

A. B. & G. E. Wilcox, proprietors of "Justamers Farm" which is well known as the home of one of the best Holstein herds in the vicinity of Topeka at least, have announced a sale for October 20.

Mike Stensaas & Sons, Concordia, Kan., owners of Supreme Orion Sensation and one of the best herds of Durocs in the country, will sell spring boars and gilts at auction at the farm October 9.

Glen R. Coad, Cawker City, Kan., is another Duroc breeder that doesn't want to be bothered with a bred sow sale and he is selling his boars and gilts in a public sale October 19.

L. L. Humes, Glen Elder, Kan., is selling at auction at his farm near Glen Elder, Kan., October 18. Evidently the Duroc breeders are looking for a hard winter and don't want to tackle the bred sow sale business.

Jess E. Rice, Athol, Kan., Smith county, is holding his Poland China boar and gilt sale at Kensington, a nearby town that has good facilities in the way of a good hotel and a good place in which to sell. The sale is October 20.

One of the strong herds of Shorthorns in North Central Kansas is the S. B. Amcoats herd at Clay Center. His decision last spring to make a draft sale this fall was only made after W. J. and O. B. Burtis and Henry Bayer of Manhattan and Arthur Johnson of Delphos agreed to help him make it a real sale by consigning choice cattle from their herds. This arrangement will make the 46 lots to be sold at the Amcoats farm October 24 practically all pure Scotch breeding.

H. T. Hayman, Formoso, Kan., recently sold the Babon Purebred Hog Association 70 last spring Poland China gilts that he is to hold and breed and deliver to the company February 1. He also sold them 15 spring boars. Last August he sold them 40 sows. This company resells these pigs to farmers over Kansas and enters into a contract to take back the gilts that come up to a certain standard.

C. G. Steele, Barnes, Kan., is reducing his big herd of Hereford cows and is selling at his farm on October 16 a selection of 45 cows all bred to good bulls. His neighbor breeder of registered Jersey cattle is going to consign in the same sale 15 very high class Jerseys, most of them fresh or to freshen soon. Mr. Steele is always for the best in purebred stock and while not in the dairy business he recognizes the value of the best in this line.

"Bob" Donham, Talmo, Kan., secretary of the North Central Kansas Shorthorn Breeders' Association and president of the North Central Kansas Free Fair Association at Belleville, Kan., has been claiming a date for a Shorthorn sale all summer. Recently he induced two other Re-

public county breeders to join him in this sale and help him make it a sale worth while. J. B. Sherwood, Talmo, Kan., and C. P. Moore, Menden, are the two other consignors to this sale which will be held in the new sale pavilion at the fair grounds, October 23.

The Spotted Poland China hog sale at Chapman, Kan., October 12 is the result of community interest in Spotted Poland Chinas. There are a number of breeders in the vicinity of Chapman that breed Spots and three of the best known of the breeders combined to furnish the offering that will be sold there on that date.

Mitchell County Fair

The Mitchell County Fair at Beloit, Kan., last week was, as usual, good. Heavy rains west of Beloit Monday night caused some uneasiness about high water, but the river did not get high enough to damage the fair grounds. The livestock show was not as good in some respects as usual. The hog show was good. There were 217 hogs exhibited as follows: 53 Hampshires, 28 Spotted Poland Chinas, 50 black Poland Chinas, 63 Duroc Jerseys and 23 Chester Whites. The Percheron horse show was good with a number of Mitchell county exhibitors. In the Shorthorn division S. B. Amcoats showed 10 head, this exhibit coming in for lots of compliments. The Girls' Industrial School, Beloit, showed 10 Holsteins that were the big attraction in the dairy line. The agricultural displays were excellent. Over 600 birds were shown in the new poultry pavilion and it was a real poultry show. The Mitchell County Fair compares favorably with any district fair in the country.

Southern Kansas

By J. T. Hunter



B. E. McAllister, Lyons, Kan., a veteran breeder of Polands, recently started a young man in business with the sale to him of six tried sows. This young man is Orville Manwaring, Geneseo, Kan.

J. F. Larimore & Sons, Grenola, Kan., had an outstanding junior pig litter by Orion Commander at the Hutchinson fair that outranked other Kansas exhibitors. It got of boar and produce of sow and won well in junior boar and gilt classes. We have watched this litter from small pigs and consider it very outstanding.

G. E. Stuckey, Wichita, Kan., breeder of Durocs, won first prize on individual farm exhibits at the recent Wheat Show at Wichita. His display contained more than 200 varieties of farm products and included nearly everything grown in the Arkansas Valley. Mr. Stuckey deserves special credit because his farm was flooded last spring and all his products had to be grown since June 15, a period of only 90 days. He won \$125 cash with his exhibit.

Lyons, Kan., and Rice county combine this year to hold a homecoming and county fair October 4, 5 and 6. Word recently came to us that three breeds of hogs, Polands, Spotted Polands and Durocs are to put on a promotion show distributing over \$400 in cash prizes among county exhibitors. There is very commendable co-operation between national hog associations and state and local organizations nowadays that makes it possible for more and better hogs to be shown at local and state hog shows.

Got Chase in Wrong County

The writer claims the championship for moving a town badly, having (in the sale advertisement of C. W. Bale) located Chase in Lyon county, altho Chase properly is in Rice county, 100 miles west of where the advertisement showed it. Despite the mistake in the advertisement, the Spotted Poland Chinas from the C. W. Bale herd will be sold at auction in Rice county, in Mr. Bale's home town of Chase, the date of the sale being Monday, October 8.

Nineteen sows with litters is a goodly number for farmers to absorb at a purebred hog sale, but that number was taken in addition to 13 bred females, and a few boars at the H. A. Dressler, Lebo, Kan., purebred Duroc sale Monday, September 24. It is very evident this fall that buyers lean strongly to the sow with litter. These 19 sows with litters averaged \$88.25; and the 13 bred females averaged \$25.50. Sale average on the 32 females was \$80. They went to two dozen buyers.

C. W. O'Connor, Wellsville, Kan., lives about 15 miles north of Ottawa, Kan. He has a great combination alfalfa farm and red hogs. The hog herd is headed by Pathmaster Pride by Pathmaster. We have watched the development of this sire from a strippling pig into a big boar. He has lots of stretch, deep sided, arch back, heavy bone, and plenty of vigor. His pigs are like peas in the pod. They have that unmistakable Pathmaster type and are as good as we have run across in our territory this season. Mr. O'Connor holds his fall sale of Durocs Tuesday, October 16.

NEWS OF OTHER STATES

By Copper Farm Press Fieldmen

Some breeder seeking to fill out a Duroc sale should correspond with A. C. Hartenbower, Perry, Okla.

Public Sales of Livestock

Polled Shorthorns

Oct. 22—John R. Young, Carlton, Kan.
Oct. 30—W. A. Prewett & Sons, Asherville, Kan.
Oct. 30—R. W. Dole, Almora, Kan.
Nov. 6—S. H. Haight, Rantoul, Kan.
Nov. 8—J. C. Banbury & Sons, Pratt, Kan.
Nov. 22—Albert Hultine & Sons, Saronville, Kan.

Shorthorn Cattle

Oct. 10—Shortgrass Breeders Assn. sale at Moreland, Kan.
Oct. 31—H. D. Harms and others, Fairbury, Neb.
Oct. 23—R. B. Donham, Talmo, Kan.
Oct. 24—A. C. Shallenberger, Alma and Haskins & Ogden, Republican City, Neb., sale at Alma, Neb.
Oct. 24—S. B. Amcoats, Clay Center, Kan.
Oct. 31—Northwest Kansas Breeders, Concordia, Kan.

Nov. 3—E. C. Smith & Son, Pleasanton, Kan.
Nov. 6—Dickinson County Breeders, Abilene, Kan.
Nov. 7—M. H. Anthony, Zenda, Kan.
Nov. 14—Fred Abildgaard, Winfield, Kan.
Nov. 20—Einstein & Labounty, Arapahoe, Neb., sale at Cambridge, Neb.
Nov. 22—American Royal Sale, Kansas City, Mo.
Nov. 28—Northwest Kansas Shorthorn Association, Concordia, Kan.

Holstein Cattle

Oct. 9—Al Howard, Mulvane, Kan.
Oct. 10—101 Ranch, Marland, Okla.
Oct. 15—Ralph Jennings, Junction City, Kan.
Oct. 18—Guy E. Wilcox and A. B. Wilcox, Topeka, Kan.

Nov. 1—Breeders' Sale, Topeka, Kan.
Nov. 1—Breeders' Sale, Topeka, Kan.
Nov. 3—Northeast Kansas Breeders, Valley Falls, Kan.
Nov. 6—J. R. King, Topeka, Kan.
Nov. 12—W. H. Schroyer, Miltonvale, Kan.
Nov. 12—W. H. Schroyer, Miltonvale, Kan.
Nov. 19—State Sale, Wichita, Kan.
Nov. 21—C. A. Bergdorf, Custer City, Okla.
Dec. 4—H. A. Morrison and Union College, College View, Neb.
Jan. 25—"Show Sale" Wichita, Kan.

Red Polled Cattle

Nov. 1—Hollens & Gambrill, Ottawa, Kan.
Nov. 15—C. O. Wilson, Rantoul, Kan.

Hereford Cattle

Oct. 16—C. G. Steele, Barnes, Kan.
Oct. 17—Ed Nickelson, Leonardville, Kan.
Oct. 17—Janston Bros., Prairie View, Kan., at Phillipsburg, Kan.
Oct. 25—Harry Hitchcock, Bellaire, Kan.
Oct. 26—H. D. Cornish, Osborne, Mo.

Jersey Cattle

Oct. 10—M. F. Rickert & Sons, Seward, Kan.
Oct. 17—Barnes & Horton, Blue Mound, Kan.
Oct. 19—W. G. Camfield & Sons, Neosho, Mo.
Oct. 22—W. E. Stice, White City, Kan.
Oct. 24—J. B. Smith, Platte City, Mo.
Oct. 25—Parker Farm, Walcott, Kan.

Chester White Hogs

Oct. 17—Henry & Alpha Wiemers, Diller, Neb.
Oct. 18—Wm. Buehler, Sterling, Neb.
Oct. 19—W. W. Carper, Dunbar, Neb.
Jan. 29—Wiemers Bros., Diller, Neb.
Jan. 31—W. W. Carper, Dunbar, Neb.
March 1—H. C. Krause, Hillsboro, Kan.

Poland China Hogs

Oct. 8—S. U. Peace, Olathe, Kan.
Oct. 10—L. Griffiths, Riley, Kan.
Oct. 10—M. F. Rickert & Sons, Seward, Kan.
Oct. 13—O. B. Clemenson, Holton, Kan.
Oct. 16—H. B. Walter & Son, Bendena, Kan.
Oct. 17—J. C. Dawe, Troy, Kan., at Bendena, Kan.

Oct. 20—Jess E. Rice, Athol, Kan.
Oct. 22—Grant Appelby, Ames, Kan.
Oct. 24—Lapard Stock Farm, Lawrence, Kan.
Oct. 25—Mrs. A. J. Swingle, Leonardville, Kan.

Oct. 29—W. A. Prewett & Sons, Asherville, Kan.
Nov. 6—S. H. Haight, Rantoul, Kan.
Nov. 6—J. R. King, Topeka, Kan.
Nov. 7—Geo. Wharton, Agenda, Kan.
Nov. 14—Chas. Krill, Burlingame, Kan.
Jan. 25—O. R. Strauss, Milford, Kan.
Jan. 26—Fitzsimmons & Pride, White City, Kan.

Feb. 1—Thos. F. Walker & Son, Alexandria, Neb.
Feb. 7—H. B. Walter & Son, Bendena, Kan.
Feb. 8—J. C. Dawe, Troy, Kan., at Bendena, Kan.
Feb. 9—I. E. Knox, South Haven, Kan.
Feb. 11—A. L. Wiswell & Son, Ocheltrieb, Kan.
Feb. 15—C. J. Shanline, Turon, Kan.
Feb. 18—Logan Stone, Haddam, Kan.

Spotted Poland China Hogs

Oct. 8—C. W. Bale, Chase, Kan.
Oct. 11—Henry Haas, Holton, Kan.
Oct. 11—E. G. Hall & Sons, Blue Mound, Kan.
Oct. 12—Community Breeders Sale, Chapman, Kan.
Oct. 12—Da. J. A. Beveridge, Marysville, Kan.
Oct. 23—Jas. M. Spurlock, Chiles, Kan.
Nov. 1—Dan O. Cain, Beattie, Kan.
Jan. 3—R. J. Bazant, Narika, Kan.
Feb. 16—W. H. Sheldon, Inavale, Neb. Sale at Red Cloud, Neb.
Jan. 17—R. J. Bazant, Narika, Kan.
Feb. 19—R. R. Frager, Washington, Kan.
Feb. 20—J. S. Muller, Alton, Kan.

Duroc Jersey Hogs

Oct. 9—M. Stensaas & Sons, Concordia, Kan.
Oct. 11—M. A. Martin, Paola, Kan.
Oct. 13—H. W. Flook & Son, Stanley, Kan.
Oct. 16—C. W. O'Connor, Wellsville, Kan.
Oct. 17—J. C. Martin, Jewell, Kan.
Oct. 18—L. L. Humes, Glen Elder, Kan.
Oct. 18—Vern V. Albrecht, Smith Center, Kan.
Oct. 18—John P. Johnson, Lindsborg, Kan.
Oct. 19—Ross M. Peck, Gypsum, Kan.
Oct. 19—J. J. Smith, Lawrence, Kan.
Oct. 19—Glen R. Coad, Cawker City, Kan.
Oct. 22—W. E. Stice, White City, Kan.
Oct. 23—John R. Young, Carlton, Kan.
Oct. 24—Lapard Stock Farm, Lawrence, Kan.
Oct. 25—J. F. Larimore & Sons, Grenola, Kan.

Oct. 27—Giles Bouse, Westphalia, Kan., and Ralph Scott, Burlington, Kan. Sale at Burlington, Kan.
Oct. 26—W. W. Otey and Sons, Winfield, Kan.
Oct. 27—F. C. Woodbury & Son, Sabetha, Kan.

Nov. 3—E. C. Smith & Son, Pleasanton, Kan.
Nov. 5—R. J. Jenne, Luray, Kan.
Nov. 15—C. O. Wilson, Rantoul, Kan.
Jan. 21—M. Stensaas & Sons, Concordia, Kan.

Feb. 2—E. O. Hull, Reeco, Kan.
Feb. 4—Frank J. Schaffer, Pratt, Kan.
Feb. 5—Zink Stock Farms, Turon, Kan.
Feb. 5—John Hern, Wamego, Kan.
Feb. 6—G. M. Shepherd, Lyons, Kan.
Feb. 6—E. E. Norman, Chapman, Kan.
Feb. 7—Woody & Crowl, Barnard, Kan.
Feb. 7—M. I. Brower, Sedgwick, Kan.
Feb. 8—W. H. Fuls, Langdon, Kan.
Feb. 8—W. D. McComas, Wichita, Kan.

Feb. 8—L. L. Humes, Glen Elder, Kan.
Feb. 9—Ben F. Henrichs, Diller, Neb.
Feb. 9—Ben F. Henrichs, Diller, Neb.
Feb. 9—Breeders' sale, Concordia, Kan.
Feb. 9—G. B. Woodruff, Winfield, Kan.
Feb. 11—Leo J. Healy, Council Grove, Kan.
Feb. 12—W. L. Fogo, Burr Oak, Kan.
Feb. 12—W. R. Huston and S. M. Biddison & Son, Americus, Kan.

Feb. 13—H. E. Mueller, Macksville, Kan.
Feb. 14—Glenn Loughery, Anthony, Kan.
Feb. 14—J. M. McDaniel, Scottsville, Kan.
Feb. 20—D. Arthur Childs, Emporia, Kan.
Feb. 23—G. W. Blackenstaff, Oberlin, Kan.
Feb. 23—Ray Cooley, Plymouth, Kan., and Will Albis, Saffordville, Kan. Sale at Emporia, Kan.
Feb. 25—Mike Stensaas & Sons, Concordia, Kan.

Feb. 27—W. A. Gaddfield, Emporia, Kan.
March 12—John Hern, Wamego, Kan.

Get the Best to Be Had

From a great string of big outstanding boars and gilts.

M. A. Martin's Duroc Sale Paola, Kan., Thursday, Oct. 11

A top class from a herd headed by Col. Major by a littermate to 1922 world's junior champion boar. His dam is littermate to 1922 world's grand champion sow. Dams are by Sensation King, 1922 Iowa grand champion boar, Defender, Stills, and out of Joe's Nellie 8th, 1920 Mo. grand champion and full sister to My Lady Friend and Great Orion Sensation, each having been twice world's grandchampions, etc.

I will drive into the sale ring the greatest array of boars and gilts that I have ever sold. There will be some outstanding tried sows including a daughter of Sensation King.

I stand squarely back of every hog I sell. Can supply all old customers with new bloodlines. Meet buyers at Paola or Wellsville if advised ahead. Sale in my new tile hog barn at farm between Paola and Wellsville on county road.

(We have attended every Duroc sale held by Mr. Martin. Can safely state that his offerings every year have pleased the ringside better than any Duroc offering we have seen presented elsewhere.—J. T. Hunter.)

Write for a catalog. Please mention Kansas Farmer and Mail & Breeze. Address

M. A. Martin, Paola, Kansas

Send buying orders to J. T. Hunter representing Kansas Farmer and Mail and Breeze.

Homer Rule, Auctioneer. J. T. Hunter, Fieldman.

Flook & Son Duroc Jersey Sale Stanley, Kansas, Saturday, October 13

2 tried sows, 23 gilts, 14 boars, 40 stock hogs.

Herd headed by Great Lowell by Royal Sensation out of a daughter of Great Sensation. (Great Lowell was 1st in class 1922 Johnson county fair).

The offering also includes spring gilts and boars by Uneeda Sensation Jr. out of a littermate to the grand champion, Originator. Some are out of Echo, the sow whose five pigs sold at nearly top price in our last fall sale. It's the best fall offering we have ever presented. 40 good stock hogs immunized and ready to feed out are in this sale.

(The two herd sires are by boars of national reputation. Royal Sensation, the Fain boar, took nearly everything in get of sire at 1922 National show, and Ideal Pathfinder, the Liniger boar, was considered one of the best sows of Pathfinder.—J. T. Hunter.)

Write for catalog. Mention Kansas Farmer and Mail & Breeze. Address

Flook & Son, Stanley, Kansas

Homer Rule, Auctioneer. J. T. Hunter, Fieldman.

We're Proud of Pathmaster Pride

WE PRESENT 40 HEAD, MOSTLY HIS GET

Wellsville, Kansas, Tuesday, October 16, 1923

Pathmaster Pride by Pathmaster has surpassed our fondest expectations both as an individual and as a sire. In our sale we offer choice boars and gilts by him out of daughters of Critic Uneeda Sensation, Orion Echo Sensation, Wonder's Sensation, etc. Also offer a good litter by Orchard Scissors, 1923 Kansas grand champion.

(Pathmaster Pride is a real boar—large, smooth, deep sided, well arched back, on good feet and marks his pigs like peas in the pod. His pigs are among the best I have seen this season.—J. T. Hunter.)

Write at once for a catalog. Be sure to mention Kansas Farmer and Mail & Breeze. Send buying orders to J. T. Hunter. Address

C. W. O'Connor, Wellsville, Kansas

Homer Rule, Auctioneer. J. T. Hunter, Fieldman.

50 Good Durocs at Auction Lindsborg, Kan., Oct. 18

20 Boars sired by Long Orion Sensation by Great Orion Sensation and 2 boars by Great Pathmaster by Pathmaster.

22 gilts by Long Orion Sensation, and six gilts by Great Pathmaster. Dams of these pigs are of Sensation, Pathmaster and Orion Cherry King breeding.

Every Duroc purchased on mail bids will be shipped on approval. Send for catalog, mentioning Kansas Farmer and Mail & Breeze. Address

John P. Johnson, Lindsborg, Kan.

Boyd Newcom, Auctioneer.

Send mail bids to J. T. Hunter, Copper Farm Press Fieldman.



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with a pure bred Duroc-Jersey boar to produce pork efficiently and economically.

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will add size, vigor, prolificacy, uniformity, conformation, ruggedness, smoothness, feeding quality and early maturity to your pork herd.

Write for names of breeders near you; information and pamphlets sent free by the world's largest swine record association.

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BETTER BOAR
NOW



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ALL over the Great West is written the record of the pioneers who blazed the first trails that guided civilization in its westward march.

As settlers followed, Montgomery Ward and George R. Thorne blazed a new trail to them, being first to fill their wants direct by mail and in the complete spirit of the Golden Rule.

Trail Blazers—Business Pioneers we were, and are. Fifty-one years have but given us experience. We stand today more alert, forward looking, searching out new methods in manufacture and trade to secure for you better goods and bigger values and greater savings.

Trail Blazers of over fifty years ago, Montgomery Ward & Co. still clings to this spirit of leadership—we are the Oldest Mail Order House and Today the Most Progressive.

LEWIS and CLARK
Blazing the Oregon Trail
1804-1805

Fall & Winter 1923-24 Catalogue No. 99
MONTGOMERY WARD & CO.

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This Book is Now Saving Millions of Dollars for the American People

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Our new perfected system of filling orders is now over a year old.

And our records prove that during the past year nearly all orders were shipped in less than 48 hours.

48 hour service is our promise to you. But we do better than our promise—because a large percentage of our orders are actually shipped within 24 hours.

So you can order from Montgomery Ward & Co. and feel sure that nearly every time your order will be shipped in less than 48 hours, and frequently within 24 hours.

The Oldest Mail Order House is Today the Most Progressive
Montgomery Ward & Co.