

Twenty-Eight Pages

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Price Five Cents



# FARMERS MAIL

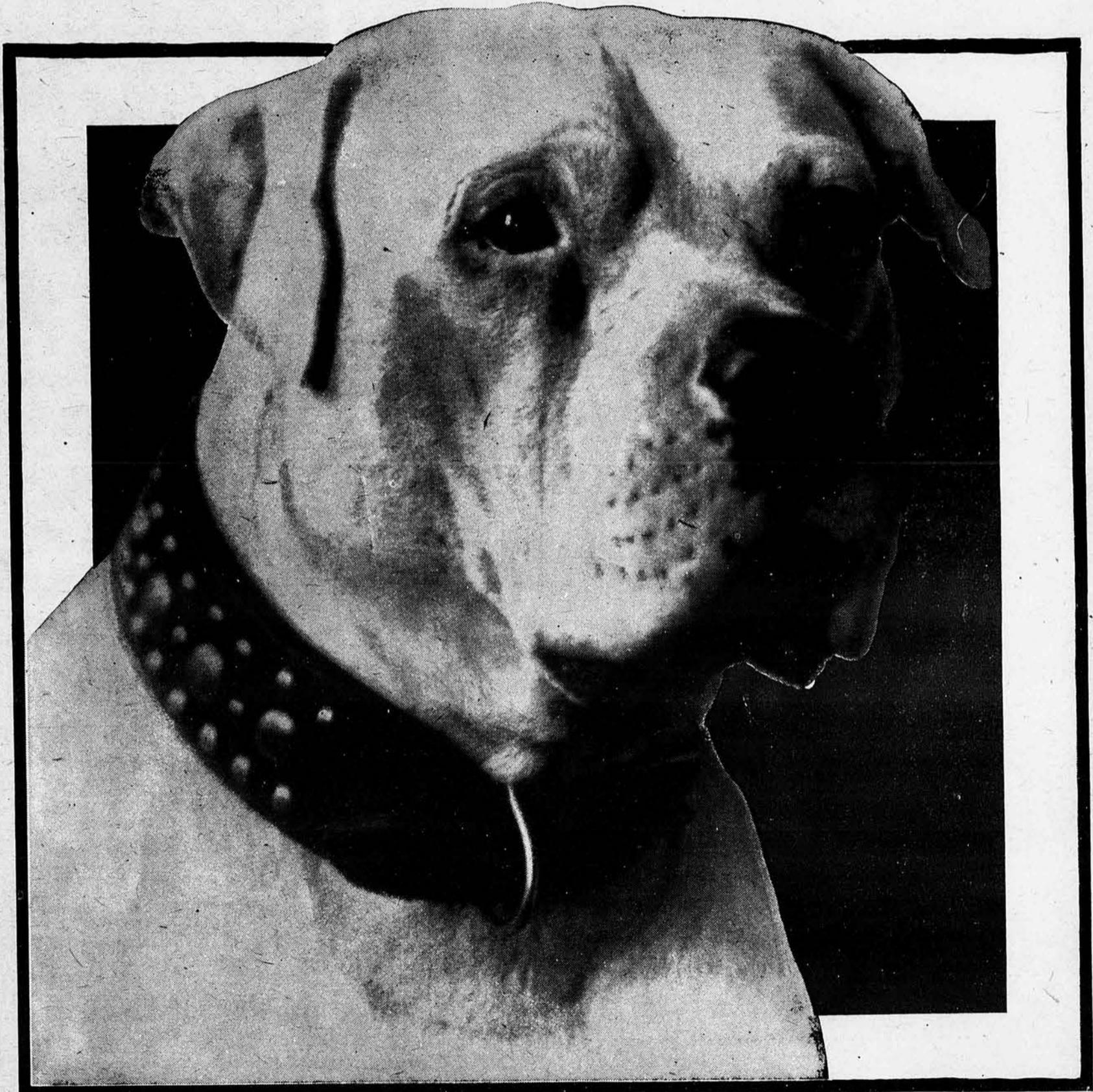
## AND BREEZE

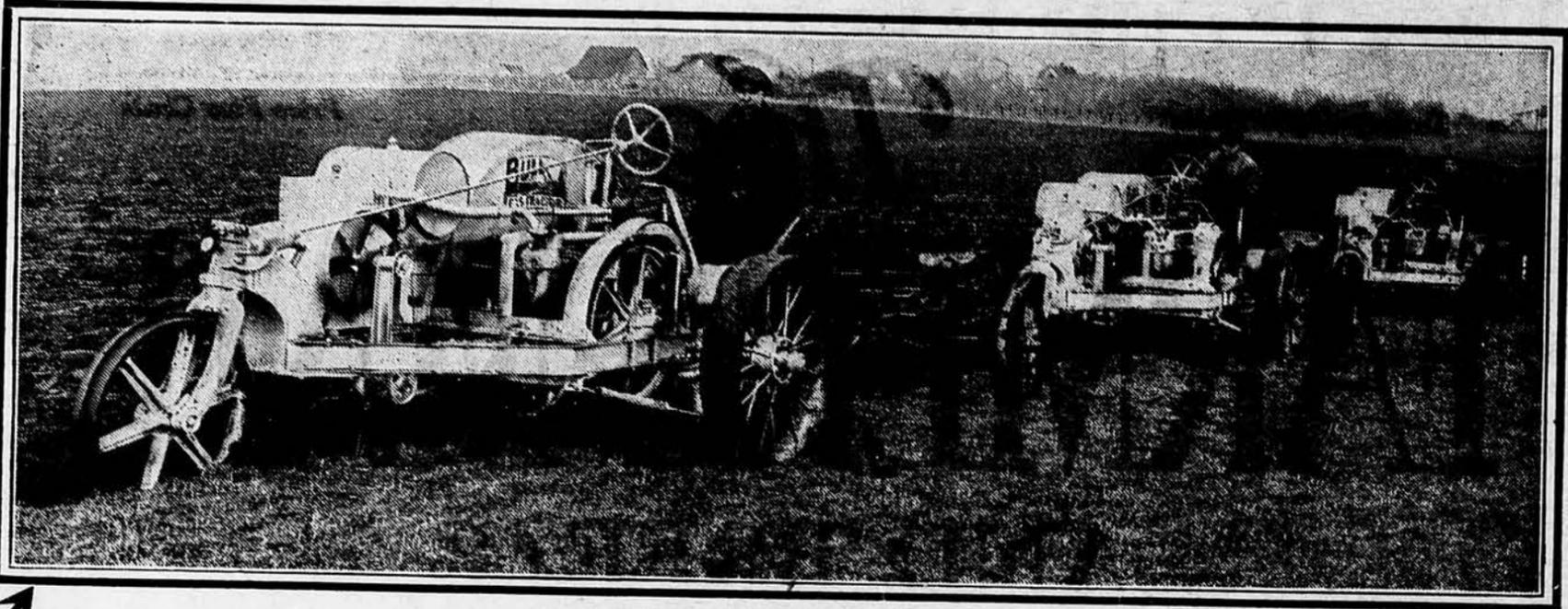
Vol. 46

May 27, 1916

No. 22

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# \$645 "Big Bull" Tractor Given By Farmers Mail and Breeze

Yes, it's a fact! Farmers Mail and Breeze will give this \$645 "Big Bull" Gas Tractor, absolutely free, also liberal cash commissions, in its big Gas Tractor Contest starting June 15th and closing August 16th—just nine short weeks. This contest is conducted strictly for the benefit of the farmer readers of this publication. We desire to secure direct representation in every community, and have selected what we believe, a reward that will be of the utmost practical use to the participants. With the rapidly increasing tendency toward scientific and mechanical farming, we know of nothing that can replace the Gas Tractor as First Grand Award. We hope you will appreciate and take advantage of our extremely liberal offer.

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Farmers everywhere are beginning to realize more and more the need of efficiency in their work, just the same as the manufacturer does in his. He is constantly seeking a method by which he can do his work with greater efficiency—by which he can reduce labor and operating expense to a minimum without affecting production. The Gas Tractor is one of the greatest strides in this direction. With it, wonderful things can be and have been accomplished in the way of increased crop production, and at the same time—cost reduction. The soaring price of feed

and the growing difficulty in securing proper help at the time when needed most, are but two of the serious problems confronting the farmers today. A Gas Tractor will solve them both. Its adaptability to almost every conceivable form of farm work offers unlimited possibilities to the wide-awake, progressive farmer. We do not feel that it is necessary to point out at length the many advantages and uses of the tractor—we assume that you already realize them—and are certain that our selection of the "Big Bull" as first grand prize in this contest is a selection that will more than please anyone interested in our proposition.

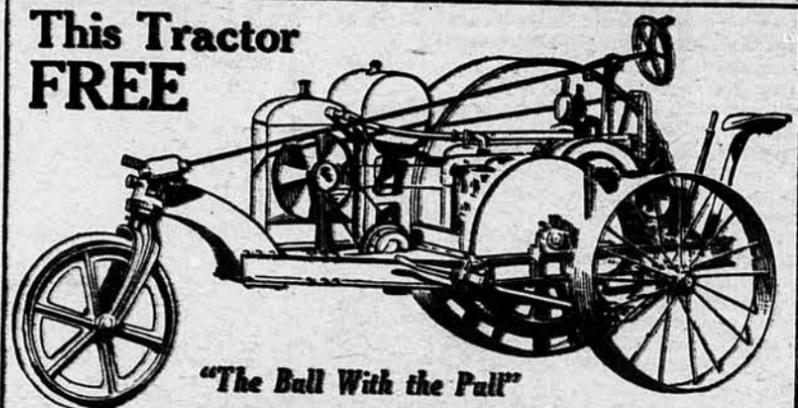
### What the "BIG BULL" Can Do!

Following are some of the tasks, found on most any average farm, that it has been proved the Big Bull Tractor will handle easily, speedily and economically.

- |                       |                |                       |
|-----------------------|----------------|-----------------------|
| Pulling up trees      | Grading        | Irrigating            |
| Tearing out hedges    | Dragging       | Pumping               |
| Pulling stumps        | Leveling       | Grinding feed         |
| Grubbing              | Hauling crops  | Sawing                |
| Pulling stones        | House moving   | Threshing             |
| Mowing                | Plowing        | Husking and shredding |
| Hay loading           | Listing        | Silo filling          |
| Hay hoisting          | Disking        | Clover hulling        |
| Drawing grain binders | Crushing clods | Stone crushing        |
| Drawing potato digger | Smoothing      | Elevating corn        |
| Hay baling            | Packing        | Loading logs          |
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This isn't a complete list by any means.

### This Tractor FREE



"The Bull With the Pull"

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Our ultimate purpose in conducting this contest is to increase the number of Mail and Breeze subscribers. There are doubtless many farmers in your locality who are not now taking this splendid publication, or whose subscriptions will soon expire. We want you to get their subscriptions for us, and secure the Big Bull Tractor as your reward. Every subscription sent in will count a specified number of points, and if you have the most points on August 16th you get the \$645

Tractor absolutely free, freight charges prepaid. If you shouldn't win the big Gas Tractor you will receive a liberal cash commission for all the work you do, so you absolutely cannot lose. A double rate of points will be allowed on all subscriptions sent in up to and including July 19th, so it is to your advantage to get an early start. Every participant will receive absolutely fair and impartial treatment. Your merit alone will count. Isn't such a valuable prize worth trying for?

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**FARMERS MAIL AND BREEZE** 500 Capper Building  
TOPEKA, KANSAS



# THE FARMERS MAIL AND BREEZE

An Agricultural and Family Journal for the People of the Great West



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## Where Hogs Have Won

### Fred G. Laptad Has a Farming System in Which These Animals Have the Feature Place

By F. B. NICHOLS, Field Editor

**H**OGS OCCUPY the paramount place on the Laptad Stock Farm at Lawrence, which is owned by Fred G. Laptad. Two breeds, the Duroc-Jersey and the Poland China, are kept. The rule is to maintain 10 sows of each breed, and to have them farrow twice a year. Most of the hogs are sold for breeding purposes; two sales a year are held, in May and in October.

The idea on which the sale of the hogs is handled is to hold the animals the minimum length of time, and to drive the business along as rapidly as possible. The fall pigs, most of which are born the first week in September, are sold in May, while the spring pigs go in the fall. The gilts thus are sold before they are bred. They are bred after the sale when this is desired by the buyer. Good prices are the rule at the Laptad sales, and it is believed that this method is more satisfactory with the buyers than to hold the sows until they are older. Of course it is true that slightly higher prices can be obtained for the older animals, but it also is true that in some cases the higher price does not pay the cost of the feed and care required.

An abundant use is made of pasture for the hogs on this farm. The spring litters, which arrive about the first week in March, are given special care, and the aim is to get them to growing right from the start. There are four main pasture crops used on this farm; these are rye, rape, bluegrass and alfalfa. Especially good results have been obtained from bluegrass as a pasture crop for the sows and young pigs. There is 8 acres of bluegrass used for this purpose, which is in excellent condition. Contrary to the usual rule the hogs do not bother much by rooting up the stand—this is the excuse given by many farmers for not using this crop more extensively for hogs. Probably one of the main reasons for this is that an extraordinary effort is made to make the ration high in muscle and bone building materials, or protein, and this reduces the temptation of the hogs to root for worms and other similar sources of this essential. At least this theory is indicated by the fact that what rooting is done is in a low spot especially well supplied with fishworms.

Anyhow there is no doubt that the care taken to provide an abundance of protein is of great value in growing hogs that are good breeders. Much of this feed is obtained on the pasture of course, and still more is supplied by rolled or ground oats, shorts, bran and tankage. A little corn is fed, but the amount always is small.

A general rule in hog raising is that a ration high in protein for a sow tends to aid in increasing the size of the litters; this has been especially true on this place. One Poland China sow has produced 65 hogs that were sold as breeders from the last six litters. One of the Duroc-Jersey sows had 12 pigs from the litter a year ago that went into the sale last fall, which is a real record. It is especially important when the care taken in culling out the undesirable pigs is considered. They go thru the culling process three times, soon after farrowing, at weaning and about a month before the sales. This culling is very severe; Mr. Laptad believes that a great deal more care is needed in the hog trade in preventing the purebred scrubs from getting to the buyers.

One of the very interesting things on this place is the handling of the two breeds on the same farm, which is not so very common. While it requires a little extra care which would not have to be taken on a farm that kept but the one breed it also has some advantages. The two breeds are sold on the same day in the sales. This gives the breeders in the two lines an excellent chance to compare one breed with the other. One of the interesting things which Mr. Laptad has noticed in the 10 years he has been handling the two breeds is that there has been a decline in that time in the violent breed championship which used to be so common. In other

words, there is an increasing respect among the hog men of the state for breeds other than the one they are handling. This indicates that the movement toward community breeding in this state will make more progress in the future.

There is some excellent breeding in both the hog herds. The boar at the head of the Poland China herd is Laptad's Wide Awake 68,386, out of Wide Awake 61,912 and tracing back to Blue Valley Exception 41,635. The principal Duroc boar is Centennial 152,029, out of Red Boy 117,371 and tracing back to the great Tattarrax 74,239, a boar that has taken a paramount place in the Duroc history of Kansas.

In the last few years a purebred Jersey herd, which now consists of about 20 animals, has been built up. This is composed of excellent animals; some good records have been made on the fair circuit by the Laptad Jerseys. It is expected that the size of this herd will be increased until it is

composed of about 50 purebred animals. The butterfat is made into butter on the farm, while the skim milk is used for the pigs. It is very important in developing breeding animals to have an abundant supply of milk, such as is provided by this herd.

The basis of the ration of these animals is silage and alfalfa hay. In the summer a part of them are kept on the home farm, and part in a pasture farther away. The rule in the winter is to fill the silo twice; corn fodder and an abundance of water are used the second time. It is extremely important that plenty of water should be added, or the silage will not be all that could be desired.

Still another specialty on this farm is the seed corn; considerable attention has been given to this in the last few years, with very good results. It has been the experience of Mr. Laptad that there is a demand for seed corn that is properly selected and cared for. It is likely, he says, that this demand will continue to grow.

With the exception of this seed corn and a little wheat that sometimes is grown, the farming system is based absolutely on livestock. It is very interesting in that it shows what can be done in farming with livestock on high priced land; the land on this place probably is worth about \$175 an acre. Intensive methods in livestock farming are of course required for success in handling land with such a high value.

This year about 40 acres is in corn, 20 acres in wheat, and 5 acres in oats. There is a large acreage of alfalfa, both for hay and pasture, and the other pasture crops. A maximum production is obtained as a rule from all crops. The soil is in the fertile Kansas River Valley, not far from the river, and it is remarkably deep, with a high content of available fertility. The care that is given is well indicated by the methods used with the bluegrass pasture. Manure is hauled out on this land frequently—it was almost all manured last winter—and the soil is cultivated in the spring just as carefully and in much the same way as the alfalfa. It is disked and harrowed repeatedly, until it gets in good physical condition. A mulch is restored that does much to increase the yield of grass the following year. The stand and sod of grass in this pasture, which is cropped closely, is almost perfect. It is true of course that the soil is well adapted to the crop, but it also is true that the good cultivation which is given has a great deal to do in keeping up the yields.

Especially good profits are obtained from the alfalfa crop. It is taking a big place in feeding both the cows and the hogs, and in addition it is doing a great deal to help to maintain the fertility of the fields. The soil is well adapted to the crop, and as a rule there is no trouble in getting a stand. High yields are produced.

One of the very interesting and important things on this place is the great effort which has been made with machinery. Mr. Laptad has had special training in mechanics, so he is well grounded in the fundamentals of planning out new things in farm equipment. There are several things, such as the special adaptations of the use of engine and wind power in pumping and sawing, that were designed by Mr. Laptad. He has built a breeding crate for hogs that is remarkably efficient. The engine is a 6 horsepower Ellis, of a two-cycle design, which has pleased Mr. Laptad especially well. It develops this power at a speed of 820 revolutions, and by increasing this he increases the power. He also can greatly reduce the power. He can use three grades of fuel; gasoline, now selling in Lawrence at 18.6 cents a gallon; kerosene, at 7.6 cents, and distillate at 4 cents. Good results have been obtained from the distillate, and it is now used very extensively.

The light on this place is supplied with an acetylene outfit. An abundance of light is provided in the house, barn and other outbuildings, at

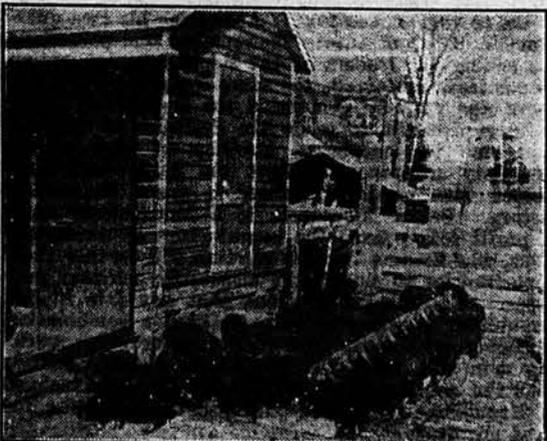
(Continued on Page 18.)



A Group of the Jerseys.



Fred G. Laptad, the Owner.



Feeding the Small Pigs.

**DEPARTMENT EDITORS**  
 Field Editor..... F. B. Nichols  
 Farm Dolms..... Harley Hatch  
 Poultry..... G. D. McClaskey

Entered as second-class matter Feb. 16, 1906, at the postoffice at Topeka, Kansas, under act of Congress of March 3, 1879.

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# The Farmers Mail and Breeze

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 Published Weekly at Eighth and Jackson Streets, Topeka, Kansas

**ARTHUR CAPPER, Publisher.** **T. A. McNEAL, Editor.**  
**CHARLES DILLON, Managing Editor.** **F. B. NICHOLS, Associate Editor.**

**E. W. RANKIN, Advertising Manager.**

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# Passing Comment--By T. A. McNeal

## Hughes vs. Wilson?

President Wilson is certain to be renominated by the Democratic party. The platform on which he will run will attempt the somewhat difficult task of showing that he is at once an ideal pacifist and at the same time in favor of ample military preparedness. It will attempt to satisfy those who believe that the country is in no danger of war with any foreign power and who are therefore opposed to any large increase in the army and navy and also those who are seeing red and who insist that war with some foreign power or maybe with several is only a question of time and a short time at that. You may think that it will be impossible to frame that sort of a platform, but just wait until the convention gets thru with its labors at St. Louis and you will discover how a skillful phrase maker can do the job. For it is no secret that Mr. Wilson himself will write his own platform. And whatever you may think of Mr. Wilson in other respects you must admit that when it comes to handling the English language he is a bird. He will make that platform read so that no matter what your views on war or peace may be you can find something in that document which will suit your opinions.

Up at Chicago next week the Republican delegates will assemble and promulgate a platform. It will denounce the present administration as the most weak and vacillating that has afflicted the country for generations. If you read it, and believe it, you will be convinced that all other nations are at this time pointing at us with fingers of scorn whenever they do not happen to be busy with something else. We will be told that practically nothing has been done to protect this nation against invasion, while the funds of the people have been squandered in useless expenditures and the government has been loaded with useless offices. Roosevelt will not be nominated, but his shadow will be over the convention and his roaring will affect the wording of the platform. Judge Hughes will in all probability be the nominee and he will be the strongest candidate to nominate. And then the campaign will be on. So far as platforms are concerned there will be little in either to appeal to the sober sense or higher aspirations of an American citizen. As to the result, my opinion is that Judge Hughes will be elected.

## The Old Parties

A reader of the Mail and Breeze writes me stating that inasmuch as I have given an opinion concerning the strength and weakness of the Socialist party, I also should give an opinion of the elements of weakness and strength of the Republican and Democratic parties. I have no objection to giving what seem to me to be the strong and weak points in the two leading parties altho I am of the opinion that such an opinion will have very little effect and be of no particular value.

It must be admitted that no great parties can display the vitality and hold the vast membership of the two great parties of this country without having elements of strength and on the other hand the fact that both of them have frequently been overthrown and overwhelmingly defeated shows that they must have inherent weaknesses.

Taking up the Republican party first, it is my opinion that its great source of strength and the reason why it has for more than sixty years held the loyal support of millions of men in the United States is the fact that it was founded on a great moral issue and the further fact that during its early history it stood for the preservation of the Union. The Republican party was the result of a union of a part of the old Whig party, an element of the Democratic party and all of the new Free soil party, for just one common purpose and that was to stop the spread of human slavery in the United States. These various elements were not of one mind on other matters but they were of one mind on that question to the extent that all were opposed to the further extension of slavery. There is an erroneous impression that the Republican party always has been a high protective tariff party. If you will take the trouble to hunt up the first platforms of the party you will discover that a protective tariff was not an issue for the reason that at least half of the original founders of the party did not believe in high tariffs at all.

Next came the war with Abraham Lincoln as the first Republican president and ever since, while the

issues of that time are no longer mentioned in party platforms, millions of men have continued to associate the Republican party with the destruction of slavery, the preservation of the Union and the deathless name and fame of Abraham Lincoln. The glory of its early history has been that most potent factor in holding the loyalty of men to that organization.

Its weakness on the other hand has been that its leadership has allied it to the great property interests of the country, at least in the minds of millions of the masses of the people. The Democratic party on the other hand also derives its strength largely from a sentiment. There is no name so attractive to the lover of liberty as democracy. This is what attracted to that party so many foreigners who left their native lands at least partly because they were seeking for a greater degree of liberty. Not being familiar with our political affairs nor with the actual working of party politics, they naturally were attracted by a name which was to their minds the symbol of human liberty. The founder of the Democratic party, which by the way, in the beginning was known as the Republican party, was Thomas Jefferson who was one of the most talented advocates of human rights the world ever has produced, and the magic of the name of Jefferson is even yet a great source of strength to the Democratic party. The weakness of the Democratic party began to be manifest when it came under the domination of the slave power. It seems like a remarkable travesty that a party founded upon the broad principles of equality of man and devotion to human liberty should become the instrument thru which the infamous institution of slavery perpetuated its power and placed upon the statute books of the nation some of the most unjust and inhuman laws that ever disgraced any government. When the slave holders finally forced the Rebellion they took away the greatest of the leaders of the Democratic party. When the war actually commenced many thousands of Democrats rallied to the defense of the Union but the leadership of the party remained in the hands of men, who while not openly disloyal perhaps, did everything they dared to do to embarrass Lincoln and encourage the Confederacy. War issues are things of the past, but the record of the Democratic party during that time still is held against the party by a vast multitude of voters of the United States.

Another weakness of the Democratic party is that it is still charged with being wedded to the states rights theories, in other words is not a national party in the broad sense of the word. The same inquirer who asks me to point some of the elements of strength and weakness of the Republican and Democratic parties also asks me to state whether either of the great parties has fulfilled its promises to the people. No. But for that matter no party when in power is likely to fulfill its promises. It is one of the weaknesses of politicians of every faith to promise more than they perform. Sometimes they are not able to perform what they promise and other times they do not intend to perform what they promise.

## What Shall We Do?

Writing from Quinter, Kan., H. C. Hill asks the question, "Who are the Republicans and Democrats to vote for if Roosevelt and Wilson are nominated at the coming convention?" Answering his own question Mr. Hill continues: "Newspapers and politicians are asking the leaders of the Republican convention to nominate Roosevelt, the same Roosevelt who four years ago publicly denounced the Republican party as corrupt, unfit to guide the destinies of our nation, and its leaders as hirelings of Wall street. His fiery utterances against the party that once elected him president, caused a great Democratic victory. Behind Roosevelt is a bloodthirsty gang of profit takers from the manufacture of war munitions, who assume that his election will further their opportunities to exploit the masses for military purposes. It is absurd to think that any fair minded Republican is going to vote for such a combination as Teddy represents. The farmer or ordinary working man who votes the Republican ticket demands that the nominee for president affirm the principles of Republicanism as the only logical foundation for good government.

"Wilson is practically unopposed as the presidential candidate on the Democratic ticket. It occurs to me

that it will be very difficult for anyone who believes in pure democracy to vote for a man like Wilson who has shown himself an opportunist, trying to gain the support of both the militarists and pacifists. After serving several months at a safe and sane president, Wilson suddenly became inoculated with the virus of preparedness. President Wilson's plea for preparedness is exemplified by his fear of foreign invasion from an imaginary European enemy already economically exhausted and sickened with war and militarism.

"Why listen to such folly? Roosevelt and Wilson no longer can fool the thinking, intelligent voter.

"The accursed causes which keep our country from progressing are the politicians who every four years lead their dupes up blind alleys, one marked Democrat and the other Republican. The one marked Democrat is void of the semblance of real Democracy and the one marked Republican is devoid of genuine Republicanism. Isn't it about time that political leaders awaken to the political situation? Demand that your choice for president stand solely for Republican principles. Demand of your Democratic candidate for president that he stand for real democracy, the enactment of better legislation and the enforcement of our laws.

"If the Republican and Democratic candidates had the sterling qualities of Allen L. Benson we could rest assured that the election of either would bring about better economic conditions."

Mr. Hill is largely right in summing up the situation. The trouble with the voters is that they seem to be tolerably slow about waking up to the situation themselves.

## British Cruelty

The world was shocked at the cruelty shown the Belgians by the Germans. When the British nurse, Miss Cavell, was executed by the German military authorities another wave of indignation swept over the nations not directly engaged in the war. England made the most of this sentiment and denounced the Germans for their barbarous cruelty. At the present time, however, the British government has not much reason to point an accusing finger at Germany. The summary and wholesale execution of the men engaged in the foolish attempt to organize a rebellion in Ireland has lost to the British government a vast amount of sympathy. The outside world not only looks on the executions as cruel and unnecessary but entirely inconsistent with the course pursued a couple of years ago when a rebellion was boldly organized and led by Sir Edward Carson, then and now a member of the British parliament, and after his bold defiance of the government, made a member of administration. In that case Carson and his followers did not actually resort to violence and bloodshed, but the only reason was because the British government did not interfere with them. They boldly announced their intention to resist any attempt to put the "Home Rule" law into operation. They shipped in large quantities of arms and ammunition. They drilled openly and formed themselves into military organizations.

It was as such rebellion against the British government as this hair brained attempt to organize an independent government in Ireland, but not a man participating was punished even slightly, while the leader of the proposed rebellion was signally honored. The present treatment of these mistaken Irishmen who no doubt labored under the belief that they were engaging in a patriotic effort to further the cause of human liberty, seems to me to be not only cruel but stupid. It has weakened the sympathy of neutrals everywhere and it must intensify the hatred of that part of the Irish people who always have looked on the British government as a tyrant and enemy of Ireland. This is simply another evidence of the brutalizing effect of war.

## Martin V. Rork

A good many of the readers of the Mail and Breeze have within the past few years made the acquaintance of a remarkably kindly, genial and intensely earnest old man named Martin V. Rork. Last Friday I received word that he had passed away at the Good Samaritan hospital in Hastings, Mich., Tuesday, of last week. Mr. Rork was in many respects a remarkable man. In his younger days he was a very successful Methodist preacher, but his views on theological questions became too

liberal for the orthodoxy of that period. He was finally tried for teaching heretical doctrines and convicted by the church court. The opinions of theologians have materially changed within the last fifty years and today a minister might teach all that Mr. Rork taught and hold his place in the church, but the church view of that day was narrow and intolerant. After he was put out of the church as a regular minister he organized an independent congregation to which he preached for several years. During a good part of his life he was a teacher and in his old age he received frequent evidences of the respect and love his old time pupils still felt for him. This was not remarkable, for all his life Martin V. Rork was a lovable, unselfish man and that kind of men are always loved.

With all of his kindness and gentleness, however, he was a born crusader and evangelist for what he believed to be right. When the campaign for the initiative and referendum opened in Oregon he entered into the fight with a wholehearted devotion which attracted the attention and admiration of the people of that state and years after the fight had been won, a leading magazine gave him the credit of having done more than any other one man to bring about the result that was achieved there. A few years ago he drifted into Kansas and was still the evangelist working wherever opportunity offered for the cause of humanity as he saw it. Many a man has been attracted by Rork's platform with its motto a demand for laws which would bless all and injure none. His hobby in his later years was the reformation of our money system, advocating a system under which the control of the currency should be taken out of hands of private individuals and placed entirely in the hands of the government. "Money without interest" was his slogan and in support of his theory he talked wherever and whenever he could find a place to speak and an audience. He was four score years old when he died, but up to the time of his last sickness he was still filled with the enthusiasm of youth and planning for a further and wider campaign in behalf of his theory of government.

Like Socrates and many other philosophers, Martin V. Rork had none of the acquisitive faculty. The idea of accumulating property for himself never seemed to even enter his head and if he had entered the struggle for accumulation he would have been as helpless as a child.

Men will honestly differ concerning the soundness of the political and financial views of Martin V. Rork. I suppose that all the so called wise financiers would regard him as an impractical theorist but no one who knew him well could doubt his unselfish desire to help his fellow men.

What there may be beyond this life I do not know and do not pretend to even guess, but if there is a place where the spirits of the just dwell in bliss after the struggles of life are over, I feel sure that among the company will be the pure soul of Martin V. Rork.

### Practical Co-operation

There have been a good many experiments in co-operation. A few have succeeded, a good many have failed.

The most famous case of success has been that of the Rochdale Co-operative society which started with a few poor weavers at Rochdale with a pitiful capital of a few pounds. It has grown into one of the most powerful financial concerns in the world, doing an aggregate annual business of hundreds of millions of dollars in all its branches.

The Rochdale experiment showed what co-operation coupled with good business management would do.

Wherever co-operative experiments have failed the cause of failure can be traced to bad business management. When I speak of bad business management I mean to have the term cover everything from rank incompetence to graft and general cussedness and dishonesty on the part of those put in charge of the co-operative business. In the United States there have been a great many wrecks of co-operative experiments. A number of causes have contributed to these failures. Among these were lack of sufficient capital, utter inefficiency on the part of the managers; sometimes dishonesty as well as incompetence; lack of loyalty among the members of the co-operative association and too much politics.

Take the case of the Farmers' Alliance for an example. Nearly every Alliance store failed. Why? Well, in most cases managers were put in charge who had never had any experience in buying or selling goods. These inexperienced managers were suddenly put up against the hardest kind of a business game. To begin with they were facing a powerful and hostile opposition. The Alliance had announced its intent to do away with the middlemen. Naturally the middlemen didn't want to be done away with and fought for their lives. To this great class of so-called middlemen belonged the retail merchants, commission men, bankers and millers. All of these were figuring on ways to put the Alliance out of business. They first brought pressure to bear on wholesale houses to prevent them from selling to the Alliance stores; or if they did sell to put off on them inferior goods.

Secondly the opposition combined to undermine the loyalty of the members of the Alliance by paying more for their grain and other produce than the Alliance could afford to pay and selling them a better grade of goods at a lower price than the Alliance stores could afford to sell.

The plan worked out as anticipated. It was easy to unload on the inexperienced managers of the

Alliance stores inferior goods and get them to stock up with a lot of stuff they didn't need. Then when it came to buying the farmers' grain the opposition would offer two or three cents a bushel more than the Alliance buyer could pay and a great many of the Alliance members took the bait. They could not resist the temptation to get a few dollars more for what they had to sell, tho they should have known that they were knocking the foundation from under their co-operative experiment. Not only did the opposition overbid the Alliance store for the farmers' produce but they sold better goods in many cases than the Alliance store and at a lower price. Of course for the time being they lost money but they attained their object. They put the Alliance stores out of business. The same thing was true of most of the Grange stores as well. Here and there were the rare exceptions to the general rule. These few exceptions prospered because they were put in charge of shrewd, experienced managers who knew how to buy and how to sell and who were able to show the stockholders in the co-operative establishments that it was to their financial interest to support their own establishments.

In Beloit is a co-operative concern run under the auspices of the Farmers' Union which so far in its career is making a decided success. It started five years ago, I think, with a total paid up capital of not to exceed \$20,000. In five years this capital has been increased to \$48,000 and out of the net earnings of the organization there has been laid by a surplus of \$7,000, making a total working capital of \$55,000.

During these five years the organization has paid back to its stockholders in dividends \$53,000 in addition to 8 per cent authorized by the bylaws to be paid regularly on the capital stock. During 1914 the association did a business amounting approximately to 2 million dollars and showed net profits amounting to \$27,553.99. I was given a statement of the business for 1915 but have mislaid it.

The plan on which this organization is run is exceedingly interesting. It takes in Mitchell county and has something in excess of 1200 farmer members. It operates seven elevators and sells grain, coal and general merchandise. It also operates cream collecting stations.

It does not attempt to over bid or under sell its competitors, the retail merchants and mill and elevator men. The association buys on the market and sells on the market but at the end of the year divides the profits among the stockholders in proportion to the amount of their sales and purchases. Suppose for example that Jones owns a share of stock. The par value of his stock is \$10. At the end of the year he receives a dividend of 8 per cent or 80 cents on his share of stock. In addition he receives a check for his share of the net profits of the association based on the amount of his sales and purchases. Suppose he has purchased during the year ten tons of coal at the regular market price for coal but on which the association makes a net profit of 40 cents a ton. He has a credit of \$4 on coal. Suppose during the year he sells thru the association 4,000 bushels of grain at the regular market price on which the association makes a net profit of 2 cents a bushel. His share of the profit on grain is \$80. Suppose he purchases merchandise to the amount of \$600 on which the association makes a net profit of 6 per cent. His share of the net profit would be \$36. Suppose the association makes a net profit of 5 per cent on cream collected and he sells \$300 worth of cream. His share of the net profit would be \$15. At the end of the year he gets a check for \$135.80 as his share of the net earnings of the association. Meantime he has sold his grain and cream for as high a price as his neighbors and bought his coal and merchandise as cheap as they. Getting that \$135 seems a good deal like finding it. What he has done, however, is to turn the profits of handling his business into his own pocket.

There is nothing either complicated or mysterious about the operation.

### Municipal Ownership

St. Francis is the county seat of the extreme Northwestern county in Kansas, but it has other distinctions. It declares it has more miles of concrete walks than any other town of its size in Kansas, and I think is able to make good on the claim. Second: The town owns and operates its waterworks and electric lighting system and is making money. What is more it is supplying water and light to the people cheaper than water and lights are provided to the people of Topeka. The main street of the little town is lighted at night by a beautiful white way fully equal in proportion to its extent to the white way on Kansas avenue in Topeka. Formerly the streets of St. Francis were very sandy. The enterprising inhabitants have graded these streets and overlaid the sand with a coat of clay which makes a street almost equal to an asphalt pavement.

They are preparing to erect a new school building which will cost \$5,000, and if there are kickers, I didn't happen to meet them. The town also has one of the best hotels for a town of its size I have ever seen.

Of course a town is the result of conditions in the country which supports it. The reason St. Francis and other towns out here are prosperous is because the country which supports them is prosperous.

This is the third time I have visited this little town of St. Francis. The first time was a good many years ago. Then things were decidedly dif-

ferent from what they are at present. That time I rode from Goodland to St. Francis in an ancient hack which had seen better and perhaps happier days. The wind was blowing from the South just hard enough so that we traveled the whole 30 miles in a cloud of dust. If the Israelites escaping from the bondage of Egypt traveled with a pillar of cloud by day and a pillar of fire by night, they had nothing on me. I traveled in a pillar of dust. It was also dry and hot and by the time we reached St. Francis I was so covered with a layer of dirt that it was difficult to tell what manner of man I was. A real estate agent looked me over and said he thought if I was properly drilled in wheat I ought to produce a fairly good crop if the chinch bugs would let me alone. It was a mighty uncomfortable ride.

It was several years later when I visited the town again. That time I wanted to go from St. Francis to Goodland. I secured the services of a chauffeur with a one lunged chain drive, side cranking automobile, which in addition to its other infirmities was afflicted with the asthma.

The man who steered it told me that he wasn't certain he could get thru to Goodland and I afterward discovered that his doubts were well founded. Out on the high prairie, about half way across, the engine gave an agonized wheeze, a couple of hard, dry coughs, and a feeble bark and died. The man who was running it got out and cranked. Then he paused and wiped his face with his sleeve, and then cranked some more. Then he looked over the engine and then resumed the cranking. Then he laid down on his back under the machine and gazed pensively and sadly at its interior. Then he came out and cranked some more.

I had heard that the ordinary citizen used a vocabulary of about 1,500 words to express his wants and feelings. This plain, untitled citizen used up all of that vocabulary and invented a number of words which were entirely new to me, and still did not seem to be able to express his feelings.

I wanted to be a good fellow and so I offered to turn the crank a while myself. He did not object. In fact he seemed pleased to see me make myself useful. I turned the crank until my tongue hung out. He laid on the grass and watched me perform with apparent interest. Finally he asked me if I was a public speaker. I told him that I spied in public occasionally. He said he thought if I was not a public speaker I ought to be as I seemed to have more tongue than any other man of my size he had ever seen.

It was at this point that I ceased to crank. I asked the driver what he really thought was the matter with the blamed thing. He said that he wasn't sure but thought maybe some dog meat had got into the carburetor. He was hauling a passenger the day before who carried a bologna lunch and carelessly threw some of the fragments into the engine. I asked him if that was what made the engine bark that way before it died.

Those days and that sort of automobile are things of the past. The man out here who does not own an automobile is a rarity. Prosperity has come, I hope to stay, for I know of no people who deserve prosperity more than these people of Western Kansas.

### Receivership Grafts

From a speech by Gov. Arthur Capper at the Woodmen's convention, Kansas City, Kan., May 18, 1916.

Graft has for too long been permitted to in-trench itself in our public institutions, in our court houses, in our city halls, and—God save the mark—in our courts of justice there openly, shamelessly and brazenly to exact and compel tribute from all comers. We must close these avenues of easy money where the public is robbed, and quit putting a premium on such infamous dishonesty by submitting tamely to it, by saying or doing nothing to prevent it.

I am everlastingly and teetotally opposed to these receivership grafts, in which judges allow outrageous and enormously excessive fees to attorneys and receivers and politicians who happen to be favorites of the court. Receiverships seem to be licenses for receivers to help themselves and take a plenty. The public pays the bill.

We have learned that in the Kansas Natural Gas case one receiver was paid more than \$22,000; others from \$10,000 to \$16,000. Nineteen lawyers participated in the grab, some of them receiving as high as \$14,500.

The total cost of this brief receivership which the people ultimately will have to pay, is nearly one-third of a million dollars. And the courts have sanctioned it!

When so little respect is shown for the spirit of the law, for fair play, for justice, by the officers and servants of justice, need we be surprised to find lack of respect for law among us as a people?

This outrageous plundering of the public virtually by its own servants should not be possible. If our laws are inadequate, they must be strengthened. I say to you frankly that I propose to use all the power of the governor, as long as I am in office, to put a stop to these get-rich-quick schemes at the expense of the public.

# For Systems That Pay

## Livestock Farming in Kansas Has a Much Brighter Outlook Than Ever

**A** DEMAND for greater efficiency with livestock is coming all over Kansas. An obvious effort is being made to improve the quality of the farm animals, so a more profitable use can be made of the feed and care they require. This is a very encouraging thing, for it means that a better and more profitable type of agriculture is being established in this state. It also means that there is an encouraging future for the purebred breeders, if they will keep the ideal of high quality ever before them.

This interest in better breeding can be noticed with all lines. It is especially obvious with horses, due largely to the work of Dr. C. W. McCampbell, secretary of the Kansas livestock registry board, and to the increasing appreciation that the average horses in Kansas are not developing the proper standard of efficiency. There therefore has been a great increase in the number of purebred stallions, 625 in Kansas in the last five years, and a decrease of 1,255 scrub stallions in the same time. The increase in purebred stallions and the decrease in the scrubs is becoming increasingly obvious every year. It indicates a most hopeful future for the business of raising horses in Kansas.

In connection with the rapid development with horses has come a most encouraging interest in better dairy cows. That the state has a remarkable interest in dairying is well indicated by the fact that there are 70,259 cream separators on its farms. To help in providing the feed for the cows the state has 10,000 silos, which it is increasing at the rate of eight a day. In connection with this the 1,359,498 acres of alfalfa helps to provide a mighty good basis for dairying. It therefore is very plain that Kansas has an excellent foundation for the dairy business. To get the proper return from all this feed it is necessary that quality cows should be kept to eat it. There are, of course, not enough good dairy cows for sale in this state to supply the demand, and therefore it has been necessary to import cows from other states quite extensively. A high proportion of the animals that have been brought into this state in the last two years have been fairly good producers, altho it has been unkindly alleged that some "cow peddlers" have been trying to unload poor cows here.

A great many farmers are making an effort to grade up their herds by proper selection—a decidedly encouraging movement of this kind is developing in Kansas, especially around such dairy centers as Mulvane, Abilene, Towanda and Independence. That there is a real need for such an effort has been well indicated by the results of the Dickinson county cow testing association, which has shown that the production costs of butterfat frequently are as high as \$1 a pound with poor cows, while there are cows in the same herd with which the costs run from 15 to 20 cents.

Such results indicate the vital need of eliminating the poor cows, and breeding from cows that have a good line of producers behind them. According to G. L. Warner, territory manager for the Merritt-Schwier Creamery Co., of Great Bend, who has had a most excellent opportunity to come in contact with the 7,500 farmers who sell butterfat to this creamery, the most vital problem before



There Has Been a Considerable Increase With Cattle in Kansas in the Last Two Years; the Value is the Highest ever Known.

Kansas farmers is to grade up the quality of the cows. Definite information about their production must be obtained by the use of the Babcock tester and the scales. When this is obtained the matter of getting rid of the boarder cows will be a much more simple problem to solve. The considerable effort with dairying in Kansas, especially with cow testing and the buying of animals that have quality, indicates that the state is headed in the right direction.

It is not to be supposed that the beef men are behind in the forward movement. Kansas is near the top in producing Herefords. It is in the lead with Galloways, with about 40 per cent of the animals recorded and with the largest purebred herd in the world, owned by E. J. Guilbert of Wallace. Angus and Shorthorn breeders are showing more "pep" than ever. It seems that one of the principal problems before the beef breeders is to boost the use of purebred bulls in the smaller herds of the state, which have been using "any old thing," and to encourage a better appreciation of the need for quality in purebred herds. Perhaps the most vital factor in this movement in Kansas today is the county breeders' associations, such for example as the ones in Marshall, Norton, Montgomery and Woodson counties. The live county breeders' associations have been a much larger force for good in improving the quality of the livestock of Kansas than they have been given credit for being. They can attack the problem in a way that no other organization can develop, for they can use a liberal amount of "personal work" on the farmers of that county which is not possible with ordinary educational effort of this kind. The excellent boosting for Herefords by the farmers of Marshall county has made this county noted as the center of purebred herds of this breed, and has brought many thousands of dollars in profits to the farmers. This money, of course, has been used in developing the superior type of agriculture which is very obvious today in most communities in that county.

The only serious weakness of the county breeders' association movement in Kansas is that it is not making enough progress in some counties. Not all counties are well organized; some counties are not organized at all. When there is no central organization the purebred stock movement cannot make the progress that can be obtained when there is a united effort. There is no other phase of farming in which quicker re-

sults can be obtained from co-operation than when the breeders are properly united to boost the gospel of better livestock.

Hog breeders have done some remarkable things in this state, not the least among which is the advancement they have made in the effort to put a purebred boar into every hog herd in the state. Much greater progress has been made than was thought possible five years ago. There is a pretty general appreciation among the average farmers who are raising hogs for the market that in these days of high grain prices the matter of good breeding is a very vital thing in the profits—that no farmer can afford to keep a scrub sire. The man who wishes to make a profit in farming today from hogs must have the proper foundation. To use a scrub boar is to invite the profits to be prominent by their absence.

Several hog breeders have done some very remarkable things in hog raising. Of this a feature has been the amazing success encountered by the herd owned by A. J. Erhart & Sons of Ness City; this herd took the high average this year in the sow sales of the state, with \$73.60 a head for the 47 animals sold. Several other breeders also have made high sales, which indicates the interest that is ever present in purebred hogs from a line of breeding that is noted for its ability to produce profits. The very vital interest in hog raising in Kansas has been indicated to the Farmers Mail and Breeze by the remarkable and encouraging success of the Capper Boys' Pig Club. It also is shown by the excellent sales from practically all the leading hog herds of Kansas in the last year. On an average, hogs will produce a good profit under Kansas conditions, even with high grain prices, if a proper use is made of quality breeding and good pasture.

With mules there is almost as large an interest as with horses. Especially can you find great objections from mare owners to the ordinary "garden variety" of jacks which has been all too common in this state. There has been a very extensive use in some Kansas communities of jacks that were decidedly scrubs, which has been most unfortunate, and it has resulted in producing undersized, knot-headed, unprofitable mules in such neighborhoods. There will never be such an extensive use of scrub jacks again. The profits that have been made by the leading mule growing communities in the state, such for example as around Alden and Raymond, have shown well that no owner can afford to breed his mares to a scrub jack. Kansas, by the way, has the best jack in the world, Kansas Chief, owned by H. T. Hineman at Dighton, and it is making good progress in this business. Much better mules will be the result.

The movement for better chickens in this state has almost reached the proportions of an avalanche. A surprisingly large number of flocks in this state are pure, and this number is increasing rapidly. There is a common belief that it will pay—which indeed has been well demonstrated.

All these things are very encouraging. They indicate the larger and more profitable place which livestock farming is going to take in this state. The main thing needed by the livestock breeders is to get together in closer organizations,

in the county and township, to boost the use of animals that have quality. The state associations are very important and of course they deserve the united support of all breeders, but this also is true to a much larger extent with the local associations. If the breeders of the state will organize their efforts properly they will establish a much more profitable type of livestock farming. This will give an agriculture that will be a great deal more satisfactory than anything we have known before. This is especially true when the breeders can unite in the breeding of some certain line or lines of stock. Community breeding pays well, and is needed greatly in this state.

Livestock farming is winning in Kansas because of the appreciation that it is the only sound system. Grain farming has failed to produce the income which is being made by the livestock men. The difference in profits between these two systems of farming will become increasingly obvious in the future.

### The Grange's Good Work

The picnic season is approaching. Nearly 100 Grange picnics were held last year in Kansas. Whole communities, or rather "bunches" of communities came together for a day in the woods, to show the colts, calves, pigs, chickens; hear some speakers upon Grange topics, and partake of that which is duplicated nowhere else, a Grange basket dinner, where housewives who pride themselves upon the various specialties in pickling, cake-baking or pie-manufacture, take their best products. This is individual because it comes not from the store, can or barrel, but from the field, garden, and glass jar in which it has been temporarily interned.

They know it! The guests, Governor Capper is quite at home, and President Waters is on the job when seated on a board and sampling a roast chicken, devil's food (No, I won't spell it with a capital), and mince pie. And, there are others; what a roll it would be. More governors, senators, representatives, big guns galore, all out for a day in the woods. That gathering is a community-builder, a civilization-builder, second to none. The veneer is gone; the mask is dropped; it is real life. Smiles everywhere. Why! the babies all smile; Docking's boast is he can get a smile from every one of those babies. And how they do try to trip him up! But he's made good so far. And then, in the name of those babies and the boys and girls growing up, he pleads for better schools; more practical schools; for co-operation that will get for the farm home what it ought to have in the things worth while. It can be done and the way is plain.

This year there will be lots and lots of politics. Let us have the Kansas language, and get the speakers to tell us about the real things that we need in our Western life. After all, this game of politics that some men try to make so mysterious is simply big business, the community's business, and it is the community's dollar that's spent. What about putting the question to them this year, "How much real business are you going to put into this office you ask for?"

"Is our community dollar going to be worth 100 cents?"

"Is it going to be spent for the public good?"

For a farming state we are very funny. We invite everybody else to do our business in the legislature, business that either makes or ruins the farming industry of the state. We are far more particular to get the man that knows how to drive our mules or feed the cattle.

What we do in making these picnics pull us together in sympathy and effort will have to be done by ourselves. It does no good to dream the dreams of those not in touch with our lives, and think that we can take a theory, untried and ill-adapted, and shape our farm progress by it. Out of the real experiences of life must come the lessons that stick and yield results. We need to get right at the practical, get right down to brass tacks.

Make that picnic a hummer! Make it mark social, and co-operative milestones in getting on.

Alfred Docking.

Manhattan, Kan.

The re-export coffee trade leaped this year from almost nothing up to 61,491,903 pounds.



Better Horses are Being Produced in Kansas—the Excellent Work of the State Livestock Registry Board Has Had Much to do With This.

# Away With the Fakes

## Use Good Purebred Wheat Seed and Leave the Miraculous Varieties Alone

**T**HE NOTION that there is a wonderful wheat which will make the fortune of any one who plants it seems to be almost as old as agriculture itself. In this country, at least, such an assertion was made for the so-called Jerusalem wheat as early as 1807. Under the name of Alaska wheat, this identical variety is still being pushed upon the unwary at exorbitant prices for seed. Almost equally exaggerated claims are made for the Stoner variety, but this particular wheat has not such a long history.

Because of the many attempts that have been made by promoters to introduce these wheats, under one name or another, to the farmers of the country, the United States Department of Agriculture has made careful tests of their value. These tests show conclusively that neither of the wheats possesses any peculiar quality which justifies high prices for the seed. Many varieties grown commercially thruout the country have, in fact, proved to be somewhat superior to either the Alaska or the Stoner.

The history of Alaska wheat goes back in this country to the beginning of the last century. It probably was introduced before the Revolution, but the first definite mention of it is in a letter dated 1807, in which a certain Dr. Keemle speaks of the great productiveness of the Jerusalem wheat, a small quantity of which he had brought over from Ireland. Dr. Keemle's description of his wheat identifies it, in the opinion of experts, with the Alaska wheat of today.

The chief characteristic of this variety is that there are as many as seven or eight branches on each head. This provides the promoters with their great argument—the more branches, they say, the bigger the yields, and they have found many people who believe them. The so-called Alaska wheat belongs to the Poulard subspecies. Poulard wheats are grown to some extent in the Mediterranean region of Europe, but not to any commercial extent in this country. The tests of the wheat made by the department in several places and under many conditions have never resulted in extraordinary yields and, in many instances, not even fair yields have been obtained. Milling tests have shown also that in this respect Alaska wheat is not so good as many other widely grown varieties.

These facts, however, have not prevented the promoters at various times from asserting that yields of from 100 to 222½ bushels an acre can be obtained from this wheat. In particular, they have urged it as a valuable variety



for the worn-out farms of the East because with such yields farmers can afford to use fertilizers. According to one circular, the wheat flourishes in dry countries because its native home, Alaska, is dry; in cold countries, possibly for the same reason; and in hot countries for some reason not stated.

These pretensions have been bolstered up by fanciful explanations of its origin. According to one authority the probabilities are that the Jerusalem wheat, which Dr. Keemle had in 1807, originated in Palestine. A traveler brought a small sheaf of it back with him to Ireland and hung it as a sign above the alehouse which he kept in Dublin. A farmer chanced to pick up some seeds from the sheaf, planted them, and some years later sold the produce of several acres at about \$3.65 a pound. Some of this seed was brought over to America and distributed among the members of the Philadelphia Society for the Promotion of Agriculture. In this way it probably came to the knowledge of Dr. Keemle. The members of the society, however, do not appear to have appreciated it, for it created no stir in this country.

This is the most authentic explanation of its introduction that we have. A favorite story with promoters is to the effect that when the coffin of an Egyptian mummy 3,000 or 4,000 years old was opened some wheat was found in it. The seed was planted, but only a single kernel grew. This, however, was a wonderful yielder and very different from any other wheat known. This story is responsible for such names as "Mummy Wheat 3,000 Years Old," "Egyptian," and "Miracle." It is, of course, an absurdity, for even under the most favorable conditions seeds of wheat do not keep their vitality more than a few years.

In 1908 this wheat was brought forward again, this time not as a product of Egypt, but of Alaska. It was asserted that an Idaho farmer had found in a secluded spot of the Alaskan coast a wheat plant with a branched head. He had brought back one head, sowed its seed that fall (in 1904), obtained 7 pounds to sow in 1905, and by 1906 had 1,545 pounds, an increase of 220 fold. From this it was argued that 1 bushel of

seed an acre would produce 220 bushels. A seed grain company had obtained the seed from the farmer and would dispense it at the rate of \$20 a bushel.

Upon investigation the United States Department of Agriculture found that about 700 acres of the wheat were being grown for the company in Idaho. The average yield an acre was estimated, not at 220 bushels, but at 25 bushels. Upon identical conditions well-known wheat varieties of the Pacific Northwest were yielding fully as much or more and good farmers in the neighborhood were not growing the wonderful wheat.

This investigation was followed by a warning notice from the department and also by a fraud order from the Post Office department against the advertising material circulated by the company. Despite this fact, however, another campaign was begun in 1900 and in 1915 the wheat was actually placed on exhibition at the Panama Pacific exposition. Last year, also, the same wheat was offered for sale at \$7 a bushel under the name of Egyptian 7-headed wheat. At other times this wheat has been sold as Eldorado, Many-Headed, Many-Spiked, Multiple-Headed, Reed, Smyrna, Syrian and Wild Goose.

The claims made by the promoters of the "Stoner" or "Miracle" wheat are fully as exaggerated, tho less romantic. The Stoner wheat belongs to the soft red winter wheats commonly grown in the Eastern United States from the Atlantic coast to the Mississippi River. According to its discoverer, in the spring of 1904 he noticed a large bunch of grass in his garden which, when headed, proved to be wheat. It had 142 stems or tillers, and he became convinced that its remarkable tillering capacity would make it a very wonderful wheat. The three great advantages which he asserted that this wheat possessed were: (1) That it would outyield any other variety anywhere; (2) that it sent up more stems from one seed than any other variety of wheat; and (3) that 20 pounds of seed an acre produced the maximum yields while other varieties required 120 pounds.

These assertions were investigated by the department in much more extensive experiments than it made with the Alaska wheat. These tests show that

the Stoner wheat is not so good as some of the wheats now grown in the eastern half of the United States, but is somewhat better than others. On the whole, it is of average value. In comparative tests, however, it has never outyielded all other varieties and many of these varieties have surpassed it. Common varieties have exceeded it in the number of stalks on a plant. As for the rate of seeding, the tests show that yields of this variety are increased when sown at rates of seeding higher than those advocated by the promoters.

The discoverer desired to have his wheat tried out on a large scale in the Mississippi Valley. Early in 1908, however, a Philadelphia promoter

took charge of the matter, but later transferred his interest to a grain company in Chicago. Various plans were proposed for growing the new wheat that do not appear to have been carried out, to any extent at least. The Chicago company became involved in a controversy with state officials in Kansas in the fall of 1908 and thereafter appears to have dropped the project. That same year, however, the wheat was widely advertised in Indiana under the name of "Marvelous" and under this name extravagant claims are still being made for it. In 1911 advertisements in Brooklyn announced that "Miracle" wheat, as it was then called, was the fulfillment of a Biblical prophecy and that with the aid of irrigation financed by Wall street men, the arid West was to be made to produce large crops of it and spineless cactus.

In publishing these facts in a recent bulletin, the United States Department of Agriculture pointed out to farmers that the government investigators have never been able to find the slightest reason for supposing that either of these wheats is in any way superior to the commercial varieties commonly grown. The only explanation of their promoters' extravagant pretensions is the necessity for finding some excuse for charging exorbitant prices for seed. Farmers who contemplate the purchase of wheat seed at unusual prices are advised to communicate first with the Kansas Agricultural experiment station or with the United States Department of Agriculture at Washington.

### Send K. S. A. Man to China

A missionary to teach agriculture to the Chinese has been chosen at the Kansas State Agricultural college. He is C. O. Levine, a young Marshall county farmer, who was graduated from the agronomy course in 1914.

The salary of the agricultural missionary has been raised by subscriptions from the student organizations. It is expected that about \$1,200 will be applied to the work.

The instance of an agricultural missionary being sent is an early one. Many physicians have been sent out to give the benefit of their knowledge of medicine, but Mr. Levine will be a pioneer in giving his services as an agricultural teacher. He will go to the Canton Christian college at Canton.

### From Across the Line

I wish to congratulate Governor Capper upon the administration of the affairs of Kansas and the square deal he is giving the common people—certainly the most satisfactory and honorable they have had for years.

Bridgeport, Okla. W. H. Fulton.

### DOCTOR LEARNED The Power of Pure Food.

Sometimes a physician who has exhausted medical skill on his own case finds that he has to look to pure food for help. Such was the experience of a Southern physician who has spent a great many years in his profession.

"The services of my life-time," he says, "have been to try to better mankind—to help them preserve health, and to regain it when lost. So it is with great pleasure I recall my first introduction to Grape-Nuts.

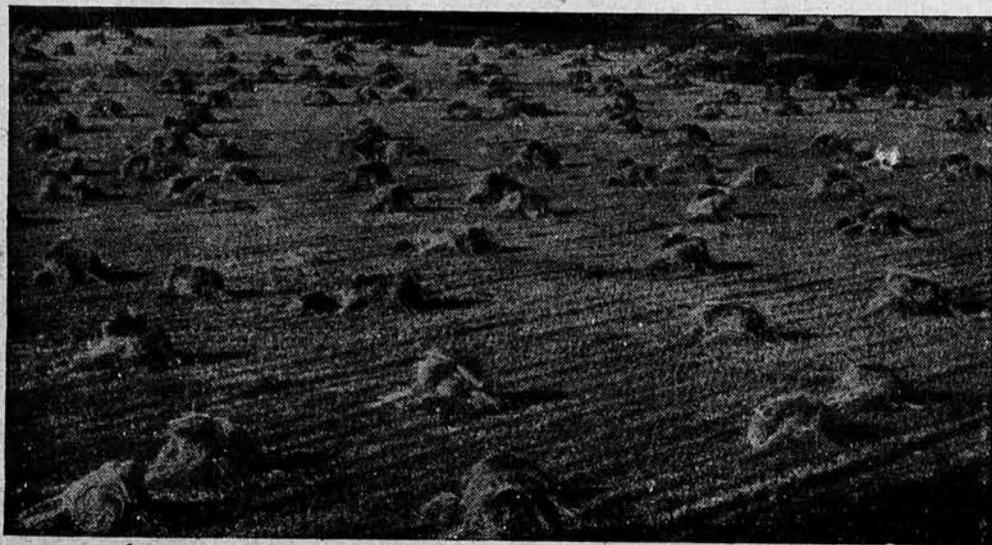
"I had never investigated this food until I came to use it in my own case. I had tried to heal myself and had had the services of other prominent physicians. Then I clutched at Grape-Nuts as a drowning man clutches at a straw.

"To my gratification I found that I had discovered something besides a broken reed to lean upon, for the food began to recuperate me immediately, and it helped me to such an extent that I eat anything that I desire, and do so without distress.

"I have not only found a good friend in sickness, but a most delicious dish as well. It is the most nutritious article of diet I have ever found and I notice its splendid effects more particularly at night time, for a saucer of Grape-Nuts and milk is followed by a most refreshing sleep and perfect awakening.

"My only regret is that I was so slow to look into the scientific merits of this wonderful food." Name given by Postum Co., Battle Creek, Mich.

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



When Purebred Wheat Seed from Selected Strains is Used the Yields are Increased and Profitable Results are Obtained; There are no Abnormally High Yielding Varieties.

# Sears-Cross Thunder Horn Mechanical Type

SEARS-CROSS Mechanical HORNS were not made to compete in the present unsatisfactory horn market, but rather to furnish a long-wearing, sturdy, beautifully finished horn to the motoring public that would give perfect satisfaction long after the mere matter of price has been forgotten.

It was designed, and is manufactured complete, by an experienced manufacturer with a factory equipment second to none.

**AND THE ONE, BIG, VITAL POINT  
THERE ARE NO GEARS  
IN THE SEARS-CROSS HORN  
PRICE \$4**

Sears-Cross HORNS, and SPEDINDICATORS for unequipped cars such as Ford, Chevrolet, Saxon and Monroe, are for sale by the best dealers.

**SEARS-CROSS COMPANY**  
Bush Terminal New York

Branches and service stations in all principal cities.

**PATENT YOUR IDEAS**

\$9,000 offered for certain inventions. Book "How to Obtain a Patent" and "What to Invent" sent free. Send rough sketch for free report as to patentability. Manufacturers constantly writing us for patents we have obtained. Patents advertised for sale at our expense.

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Seventh St., Topeka, Kansas

## Make Your Farm Disease-Proof



**THE STANDARD FOR TWENTY-FIVE YEARS**

Thousands of careful farmers rely on CAR-SUL—"The Universal Dip and Disinfectant" to safeguard their farms and homes against pests, parasites, lice, flies and disease germs—protecting live stock and farm buildings from disease-breeding organisms that are dangerous and deadly. For over a quarter of a century CAR-SUL has been truly called the farmer's friend. Economical—because highly concentrated, CAR-SUL is the best kind of a disinfectant for all purposes. Keep your live stock and their living quarters clean, fresh and sanitary—then your profits will increase. That's business farming.

# CAR-SUL

**"The Universal Dip and Disinfectant"**

**Big Hog Profits From Healthy Hogs**  
Give your hogs a chance—keep them clean—free of lice and ticks. Keep your hog houses clean—get into the nooks and corners and rout all vermin. CAR-SUL is the handiest and most economical disinfectant you could desire—and its work is effective—quick, sure and positive.

**Clean, Healthy Hens Mean More Money**  
Everything depends on the condition of your hens—your success in poultry raising—getting back the profits that make the work worth while. CAR-SUL will kill all lice and mites. Keeps your hens in the laying-humour, by keeping them clean and sanitary.

**For Household Use** Housewives who appreciate absolute cleanliness find CAR-SUL most effective for removing bad odors from mouldy cellars, for sweetening pantries and food closets—neutralizing poisonous gases from imperfect plumbing and drains. CAR-SUL HAS A HUNDRED AND ONE USES ABOUT THE FARM AND HOME. If you don't know this old reliable disinfectant—GET ACQUAINTED NOW—TODAY.

**Most Drug and Hardware Stores Sell Car-Sul** IF YOUR DEALER CAN'T SUPPLY—ORDER DIRECT FROM US AT THESE PRICES: 1-Gal. Can \$1.25; 5-Gal. Can \$5.00—we pay shipping charges.

**MOORE CHEMICAL CO., Kansas City, Missouri**

## Pig Club Pep Still Working

Kansas Boys Line Up for a Big Meeting at Topeka

By JOHN F. CASE, Contest Manager

"MEET Me at Topeka in September"—that's another slogan Capper Pig Club members expect to make good on. The club slogan, "More and Better Swine for Kansas Farms" already is a winner. We've delivered the goods, placing almost a thousand purebred pigs in the 102 counties represented in our contest. And that's only the beginning. Watch these boy swine breeders during the coming years, for they have started right.



George Anderson, Rooks County.

But about that meeting at Topeka. Members kept writing to the contest manager saying, "Wouldn't it be fine if we could all get together and talk hog?" And most of them added this: "I'd sure like to meet Governor Capper and the contest manager." So it was up to the contest manager to figure out some plan that would bring the boys to Topeka. Our boys are the kind who desire to pay their way, all they ask is a square deal and a chance to hustle. I'm not telling what the plan is but the readers of the Farmers Mail and Breeze can find out from the boys who represent each county in the contest. It's a winner. More than 50 boys already have lined up, among them every officer of the Poland China and Duroc-Jersey breed associations. The big meeting will be held at Topeka September 13 and 14. And in addition to "talking hog" and visiting with one another all will visit the state fair and see how the prize pigs compare with ours. Believe me it will be "some doings." And we will talk more about it during the coming weeks.

With more than 100 boys, many of them handling the first brood sow they ever owned, engaged in the contest it would not have surprised me had we lost a dozen sows and litters before this. But the boys are beating their dads in the pig growing game. Only one sow has been lost, and she was a small gilt. Only three boys have reported loss of all the pigs altho one litter was cut to a single lusty squealer, and a few have only two pigs in the race. Most of the boys, tho, have from five to a dozen lusty porkers and report them growing away from every litter of a similar age on the place. Not only will club members make money in this contest but they are giving dad and the neighbors a demonstration of what feed and care will accomplish. Father's going to be ashamed to have scrubs on the place after this. Every day I receive letters from my boys telling how

the neighbors come and praise their pigs. It's an object lesson in breeding, feeding and care.

Ever see thriftier pigs than those owned by Vernon Foster of Harper, Harper county, and shown in the picture at the bottom of this page? They look good to me. Vernon, who is 19 years old, was "game" enough to pay \$45 for his contest sow and altho she only has six pigs I shouldn't be surprised to see him clear \$100 profit on the investment for those pigs show class. And Vernon and his dad know it. "Here's the picture of myself, my sow and some real Poland China pigs," writes Vernon. "The pigs are 46 days old and if anyone has any better dad says 'show me' at the Hutchinson fair this fall." Well, if you are defeated, Vernon, I hope it will be a pig club boy who carries away the bacon. He will be going some when he does it, too.

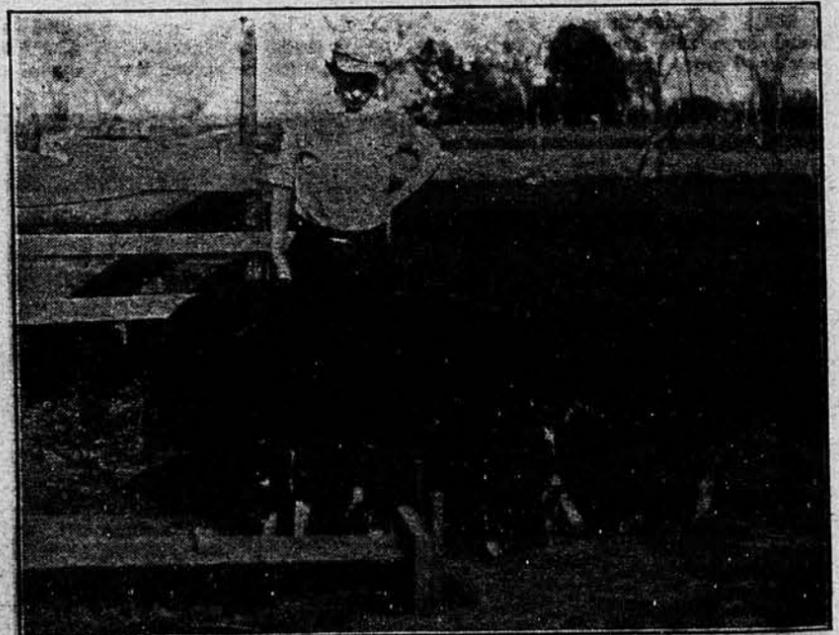
**And George's Pigs are "There."**

There's class to those pigs shown by George Anderson of Stockton, Rooks county, also. George only paid \$21.00 for his contest sow and she would bring more than that on the block right now. She's a purebred Poland and the four pigs are the real Poland type. I hope George's entry will keep on doing well, they are the quality kind.

Right now while we are talking about pictures I must pass on a suggestion made by Ora Force. Early in the contest Ora wrote to me suggesting that we have a book printed containing the pictures of all club members, to be paid for by an assessment against every member. In reply I told Ora that the plan was not practicable as such a book would cost more than \$100 for the making of engravings alone. But Ora decided he was going to have a picture book anyway so he's clipping the pictures of club members out of every issue of the Farmers Mail and Breeze and pasting them in a book. It's a fine plan, fellows, and I'm hopeful that we can show you every boy in the club before the contest ends. Next week we will introduce you to Homer Godding and Elmer Jones, president and secretary of the Red club. It wouldn't be a bad idea either to save these articles about the pig club work. One of these days you will value them highly.

And here's another suggestion from Robert Osborn of Cunningham, Kingman county: "Say, Mr. Case," writes Robert, "couldn't us boys pitch in

(Continued on Page 13.)



Vernon Foster of Harper County and an Classy a Lot of Polands as any Breeder could ask for. The Real Quality Kind.

# Good Corn on Fall Plowing

## The Stand on Spring Breaking is Not so Encouraging

BY HARLEY HATCH

MADE a close inspection of the planted corn yesterday and found a very good stand on the fall plowing. Not perfect, to be sure, but plenty for that dry spell which is pretty sure to come next July or August. Corn that looks thin on the ground now seems more than enough when moisture is scarce and the sun hot.



Friends That are True.

On the spring plowing the corn was not showing so good a stand. The soil there was looser and no doubt the planter put the seed down a little deeper. At any rate, corn was still coming up and in many places where I dug it was not yet above ground. The cold spring has held back all seed a full week longer than it should be for the best results. On the whole I don't think we shall have much replanting to do except on an 8-acre creek bottom field. There is stand enough there for upland but the soil is good and we like to have as few hills missing as possible.

This morning, May 12, we were ready to start for that creek bottom field to replant the missing hills but a line of fast moving clouds in the northwest made us think we had better wait a while. Inside of half an hour down came the wind and then the rain. So the replanting was postponed. It has not rained half an inch yet and if no more comes the fields will soon be dry again. This shower was just what we needed but following it we need sunshine instead of the dark, gloomy weather promised.

We have gone over corn which had a thin stand many times and planted in the missing hills. So far we never have made much at it. The earlier corn seems to get the start of it and all kinds of vermin prey on the new hills. But one hates to destroy what promises to be more than half a stand so late in the season so we shall try the replanting again. To keep tab on it we shall use yellow corn for the replant; the first planting was white corn so in this way we can tell next fall just how much we gained.

If it is not later than May 25 and the corn not more than half a stand it will pay to work the ground all over and make an entirely fresh start. We did this on the very 8-acre field I have been speaking of in 1912 and it produced the best corn raised on the farm that year. It was planted the second time May 28 and it never stopped growing until the crop was made. Should the weather remain wet and cold for several days and the weeds get a start on this field we may conclude to work it all over and plant a full stand instead of doing the replanting.

I have never seen potatoes remain so

long in the ground before without rotting or coming up as they have this spring. For our early potatoes we planted between the rows of a young orchard on March 14 and today, May 12, that seed is not all up yet. Some is rotten but a large part which is not above ground is just nicely sprouted. Potatoes planted in the main field almost a month later are up and promise to get ahead of those planted so early.

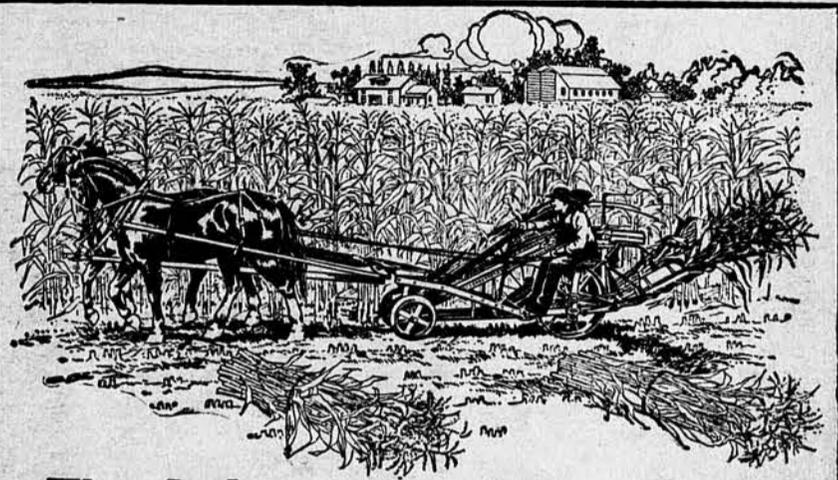
When we planted the main crop of potatoes we fully intended to mulch them but the weather remained so cloudy, cold and damp that we feared to put any more cover on them for fear they would rot. I am convinced that had we mulched them not one potato in 50 would have appeared above ground. As it is they are now up so of course mulching is out of the question. We had plenty of spoiled prairie hay for mulching right handy to the field and should have liked to have used it if the conditions had been favorable.

The kafir ground on this farm was plowed, fitted and planted this week. For planting we had four kinds of seed, three of which were 2 years old. To make sure that it would grow we tested all four kinds and found them all good. That which seemed strongest and which came up first was some African kafir grown in Kansas in 1914 from the first car imported. It will be remembered that three cars of kafir were imported from Africa in 1914 by an Osage City man. The first car was pure and made a fine crop; the other two cars were a mixture of about all the kafirs ever grown, together with all the hybrid grain sorghums ever heard of. We had some from the second car which gave splendid promise until it headed out; it then disclosed kafir of all heights from 3 to 8 feet. We discarded this kafir but last spring procured a bushel of 1914 Kansas grown African from the first car imported. Last spring was so wet we could not plant it and so kept it until this year. Altho 2 years old, the seed appears very strong.

The second lot of kafir planted was of seed sent me last spring by J. W. Berry of Jewell, Kan., who has grown and selected it on his Jewell county farm for several years. He has hand picked his seed for earliness every year and informs me that by so doing his kafir ripens two weeks earlier and is almost certain to make a seed crop no matter how dry the season may be. We also kept this seed over and the test showed it growing well; we planted it beside the African kafir so they could have a fair test on the same kind of soil.

The other two kinds of kafir planted were some of neighborhood growth one

(Continued on Page 18.)



## The Independent Corn Binder

A corn binder has a pretty strenuous job to do; cutting, handling, binding bundles of corn is heavy work; the unevenness of the field doesn't make it easier.

WE make this machine to do the work without strain. The corn is cut and carried in an upright position to the binder, which binds the bundle in the same vertical position. The binder has an adjustment of ten inches; you can bind from twenty to thirty inches from the butt; you can make this adjustment from the driver's seat. It's one of the machines of the

# INDEPENDENT

"The Farmers' Company"

Be sure you see this corn binder before you buy any machine; it will look good to you.

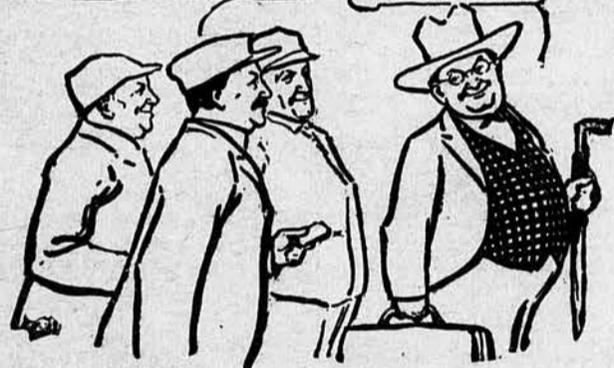
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INDEPENDENT HARVESTER COMPANY  
"The Farmers' Co.," William Deering Steward, President  
PLANO ILLINOIS

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JUDGE, WE WANT TO EXPRESS OUR GRATITUDE—WE LEARNED OF THE REAL TOBACCO CHEW THROUGH YOU

HOW COULD I HELP TELLING MY FELLOWMEN ABOUT FINDING A LITTLE CHEW THAT SATISFIES.



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Right there is the reason why so many users are eager to tell their friend about W-B CUT Chewing—the Real Tobacco Chew, new cut, long shred.

Made by WEYMAN-BRUTON COMPANY, 50 Union Square, New York City.



A Windmill 50 Rods Away Pumps the Water into this Tank; the Water Supply System on Jayhawk Farm Has Been a Good Investment.

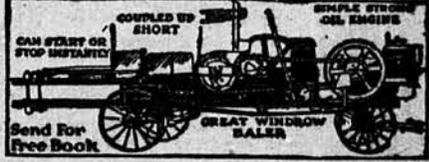
## Bigger Profits Better Bales and More of 'em

There's money in baling hay—big money if you use the famous fast working Sandwich Hay Press (motor power). Bale your own hay—hold it for the top-notch market—make a nice, fat income baling hay for your neighbors—\$10—\$15—\$20 a day clear profit is common with our outfit.

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"TONS TELL." Our Book, Sent Free Pictures and describes these great presses. Write, SANDWICH MFG. CO., 514 Center St., Sandwich, Ill. Send For Free Book





**Prevent Fly Eggs From Hatching**

After exhaustive tests, experts in the United States Department of Agriculture have discovered Borax to be the most effective agent in preventing the hatching of fly eggs.

**20 Mule Team Borax**

—the same Borax you have used in your home for years—will be found invaluable in ridding your premises of this pest if you follow these simple

**DIRECTIONS**

Apply 2 ounces of 20 Mule Team Borax to the can of garbage, daily, through a fine sieve or flour sifter. Apply in the same way, 10 ounces of 20 Mule Team Borax to 8 bushels of fresh manure, and sprinkle with 2 to 3 gallons of water.

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Invaluable suggestions to the home woman for making beautiful, tasteful things for her house and wardrobe in Flora Klickmann's helpful books on needlework, crochet, fancy stitchery:

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placed anywhere, attracts and kills all flies. Neat, clean, ornamental, convenient, cheap, lasts all season. Made of metal, can't spill or tip over; will not soil or injure anything. Guaranteed effective. Sold by dealers, or 6 sent by express prepaid for \$1.

**Fool The Batter, Boys!**

**Baseball Curver Free**

Boys, you can simply make monkeys of the other boys with this curver. You can be as big a hero in your town as any big league pitcher. The curver which is worn on the hand enables the pitcher to give the ball a rapid whirling motion thus causing a wide curve. It is so small that the batter cannot see it and they all wonder where those AWFUL CURVES come from. You can fan them out as fast as they come to bat. A complete set of directions for throwing curves with each curver.

**OUR OFFER:** We are giving these baseball curvers away free as a means of introducing our great home and family magazine, The Household Magazine. Send us 10c for a three month subscription and upon receipt of same we will send you one of the curvers, by return mail free and postpaid. Address: HOUSEHOLD MAGAZINE, Dept. C6, Topeka, Kan.

**The Psalm of the Old Soldier**

The blue is fading into gray,  
Just as when sunset comes  
With bugle calls that die away  
And softly throbbing drums;  
The shadows reach across the sky  
And hush the cares of day;  
The bugle call and drum beat die—  
The blue fades into gray.

The gray is blending into blue—  
A sunrise glad and fair,  
When, in the richness of the dew,  
The roses riot there.  
The bitterness of yesterday  
Is lost to me and you;  
The blue is fading into gray—  
The gray blends into blue.

They're sleeping now the long, long sleep—  
The boys who wore the blue;  
Above the gray the grasses creep—  
And both were good and true;  
And in the twilight of our life—  
The ending of the way—  
There comes forgetfulness of strife—  
The blue fades into gray.

Above each mound the lily glows,  
And humble daisies nod;  
The ruby glory of the rose  
Sheds luster on the sod;  
The tears—the tears—they are the dew  
That greets the coming day.  
The gray is blending into blue—  
The blue fades into gray.

—Baltimore American.

**Use Traps for Flies**

BY MRS. C. F. THOMPSON  
Jefferson County

It is not an easy matter to prevent flies from getting into the house when children open screen doors every few minutes. We are told that the first step in preventing flies from riding in on doors is to kill them in the eggs before they are hatched. Sprinkling barn floors and refuse heaps with a weak solution of Paris green or of borax is said to stop flies' eggs from hatching. We have tried many of the usual fly poisons and fly papers. If the flies are tempted to eat the poison and die, they are still a nuisance for some are sure to fall in the water pail, some lie on window sills, and any dish of sauce left uncovered for cooling is likely to have its quota of the dead.

We believe the trap is the best way to keep the pest under control. A large, well-made one may be bought for 75 cents. We found in using one of our own construction that much of its success depended upon its height from the floor. Flies enter most readily when the trap and its base are 2 or 3 feet above the floor.

One of the most successful baits we have seen in use was just plain sorghum. A sweet pickle mixture seems very attractive, also. A recent magazine shows several traps that have been set over different baits, thus testing the relative drawing power of each. The numbers that entered after a given length of time varied from 4 to 220. The 220 trap had been set over a bait evolved by the extension division of the University of Oregon. The formula for the bait was given as follows:

"Make a bran mash mixed very wet with potato water and skim milk, and sweeten with molasses or brown sugar. Put in plenty of yeast so that the mash will ferment furiously." It was said this bait will attract flies away from almost any other combination of food.

One who waits for a good building with cement floor, hot and cold water, drain and all, before she invests in a power washing machine is wasting much precious time and strength. We had the engine and decided to get the washer and use it if it had to be weighted to the ground. There never has been a piece of machinery bought for the house that has saved so much hard work. This is true even tho ours is far from the ideal arrangement. Our engine was intended for use with a pump jack. The real power wheel is too small to furnish speed so we placed the belt on the large fly-wheel. This certainly lacks nothing in the way of speed but does lack some power.

Until we can fit up a wash house we have the engine on the ground and the washing machine on the porch. There is nothing unusual about the machine. The wooden part is made of very narrow strips of cypress, an arrangement which the manufacturers say retains the heat in the water. What the size of the strips has to do with it, we can't say, but it is a fact that the water does not get cool enough for the hand until it is dirty enough to be emptied. We can use machine alone or machine and wringer or else the wringer alone with rollers working either forward or backward, and if desired, we can throw

the whole machine out of gear. All of these manipulations in our washer are managed by a handle beside the wringer.

We usually do a good sized washing between 12:30 and 2 o'clock. With three small children to dress, breakfast to prepare and clear away, and milk dishes and cream separator to wash, we do not find much of the forenoon left before time to prepare dinner. Then too, one person cannot easily keep watch of children and an engine and at the same time attend to the clothes. We usually heat the first boiler of water while the dinner is being cooked. After dinner, the man of the house carries the water, tends the engine and keeps an eye on the outdoor part of the work.

Since the water is boiling hot, we do not boil many of the clothes. Five minutes' engine work is sufficient to clean them. We keep a boiler of water on the stove heating so we can change the supply in the washer whenever it begins to look dirty. When all the clothes have been turned thru the first water, each "batch" is put thru a rinse water with 2 minutes turning and sorted as the clothes come from the wringer. Those needing starch go in one basket; the others, in another. Hanging the clothes on the line is really the most tedious part of the work.

The cost of such an outfit is probably about \$50. We received the engine as a present from a bachelor brother who could substitute an electric motor for pumping power. The washer is usually sold at \$22.50.

**For Best or Every Day**

Pink or blue linen in solid color would be pretty for the girl's dress here illustrated. The waist closes in front in surplice fashion and is gathered to a belt below which falls a full plaited skirt with a deep hem. Four large white pearl buttons furnish the trimming. With the dress is worn a separate



guimpe with low round collar and short or long sleeves. A dainty lace or crochet edging finishes collar and cuffs. Plain color gingham or cotton crepe may be used instead of linen if preferred. If a white dress is desired, the dress could be made of white linen, pique or gabardine with the guimpe of very sheer organdie or all-over embroidery.

The pattern, No. 7886, is cut in sizes 6, 8, 10 and 12 years. Age 8 years requires 2 yards of 44-inch material for the dress with 1 1/4 yards of 36-inch material for the guimpe and 2 1/4 yards of lace edging. The pattern may be ordered from the Pattern Department of the Farmers Mail and Breeze, Topeka, Kan. Price 10 cents.

**Come on to Chicago**

The great suffrage parade to be held in Chicago on June 7 is attracting the interest of women all over the United States, and almost every state suffrage organization is planning ways to raise money to send delegates. Pennsylvania women who live in cities are selling old shoes at a rummage sale for a Go-to-Chicago fund, and the country women in that state will sell all the eggs gathered during the third week of May to raise the necessary railroad fare to the parade. In Indiana, the women are conducting rummage sales of their husbands' old clothes, selling them back to the owners if the articles have been

particularly cherished, but selling just the same, and collecting money for them. In Massachusetts, a new brand of coffee has come on the market, the "Suffrage Fund Coffee," so delicious that even antis are buying it and thus contributing to the Chicago parade delegation from Massachusetts.

**Cook by Sunshine**

Sunshine preserves are much better flavored than strawberries preserved in the ordinary way—and require less work. Measure equal quantities of strawberries and sugar, spread the berries in large shallow platters and sprinkle the sugar over them. Set the platters in the sunshine. A tin roof on the sunny side of the house is an ideal place. Bring the berries in every evening and put them out again in the morning till the sirup is the desired thickness. Cover with wire screen or netting to keep away flies.

Some women prefer to cook the sirup before adding it to the berries for sunshine preserves. Put 3 pounds of granulated sugar and 2 cups of boiling water into a smooth kettle and stir gently till the sugar is dissolved. Set the kettle on the stove and bring it to the boiling point, then cook it rapidly without stirring until the sirup will spin a thread when dropped from the spoon. Have ready 3 pounds of firm ripe berries, sorted, washed and drained. Drop them into the sirup and let simmer 20 minutes. Pour the fruit and sirup into shallow platters and let stand in the sun 2 days as in the first directions. Turn the berries over several times a day.

**Strawberry and Gooseberry Jam**—Use equal quantities of the two fruits. Crush the gooseberries and cook until tender, then force thru a colander to remove the skins. Add to the pulp and juice equal quantities of sugar and let the mixture boil. Crush the strawberries, add half as much sugar, and bring to the boiling point. Pour the two mixtures together and boil slowly for 20 minutes. Pour into jelly glasses, cool, and cover with melted paraffin.

**Strawberry Tapioca**—Cook together in a double boiler 1/2 cup of the tapioca which requires no soaking, 1/2 cup of sugar, 1 teaspoon of butter and 3 cups of hot water until the grains are clear, about 15 minutes. Crush 1 pint of strawberries, sweeten to taste and let stand half an hour. Remove the tapioca from the fire and stir in the fruit. Set the pudding in a cool place and serve it very cold with whipped cream.

**A New Shortcake**—One-half cup of sugar, 1 heaping tablespoon of shortening, 3/4 cup of sweet milk, 2 eggs, 2 cups of flour and 4 level tablespoons of baking powder. Mix in the usual way and bake 25 minutes in a pudding pan in a moderate oven. While the cake is still warm, cut around it about an inch from the outside with a sharp knife, being careful not to cut the bottom. Cut the center section into squares and remove them with a fork leaving a shell of the cake at sides and bottom. Fill this hollow space with crushed and sweetened strawberries and cover with a meringue made by beating an eggwhite very stiff with 2 tablespoons of sugar. Set the cake in the oven till the meringue is browned delicately, then dot the top with whole berries and serve with or without cream. The portions of cake scooped out from the center may be used in bread pudding next day.

**A Fact for a Fact**

The Connecticut suffragists have had the last word in a contention with their opponents. The antis recently placarded the Hartford street cars with the assertion, "Taxes are higher where women vote." The suffragists came back with a placard reading: "Kansas, where women vote, has no state debt. The state debt of Connecticut is 13 million dollars."

**The Efficient Mother**

"No mother is what she ought to be if she lives simply the life of the home," said Dr. John L. Elliott before the Women's Conference of the Society for Ethical Culture in New York City. "She must live the life of the community. The great picture in the world is the Madonna and the Child, but there is one higher vision than that—not one mother and child, but mothers and all children."

TOM McNEAL'S ANSWERS

Marriageable Age in Oklahoma.

Are marriages of minors legal in Oklahoma without the consent of parents or guardians? Anthony, Kan. Marriage in Oklahoma is legal if the groom has reached the age of 18 and the bride the age of 15.

Playing Ball on Sunday.

I should like to be informed if there is a law prohibiting baseball playing on the first day of the week, commonly called Sunday? Topeka, Kan. No.

Statute of Limitations.

How long after maturity will a mortgage note outlaw in Texas? Macksville, Kan. In four years if not sued upon. If suit is brought and judgment taken on the note, the judgment will not outlaw for ten years.

Have the Marriage Annulled?

If a boy and girl aged 18 and 16 respectively were married in Kansas a week before their parents found it out, could the parents of the girl separate them and have the marriage annulled or could the parents of the boy do it? I am of the opinion that neither parent could have the marriage annulled for the age reason alone.

Collecting Subscription.

What is the law in regard to collecting subscription to newspapers after your time has expired? Are you liable for payment of same if you take your paper out of the office? Yes, for one year after the expiration of your subscription. This question has been answered previously a good many times in this paper.

Partition Fence.

A owns a farm adjoining B's and wishes to build a fence on the line between his field and B's. If A builds the fence and bears all the expense of building it can B claim part of said fence? Unless B's land is used as a common, that is neither used by him as a pasture nor for cultivation, A can compel him to build half of the line fence. If B refuses, A may build it and recover the cost of it from B with interest at the rate of 1 per cent a month.

Germans and English.

Did the Germans ever do anything for America? We all find fault with Germany in this war, but why is it that you criticize Germany and never mention the British or the French; or do you not find any fault with them? I have frequently mentioned Great Britain and France, and if ever either of those nations adopts the policy of torpedoing unarmed passenger boats and ruthlessly drowning women and children I shall condemn them as strongly as ever I have condemned Germany.

As to Veterinarians.

Would a veterinarian who got his diploma from a correspondence school have all the rights and privileges in Kansas enjoyed by a veterinarian who has gone thru college? The fact that a veterinarian has gone thru college gives him no special privileges, but if he is a graduate of a regular chartered school of veterinary surgery and medicine, the veterinary board may admit him to practice without examination, while the applicant for license who obtained his education thru a correspondence school would have to stand examination before being admitted to practice in this state.

Right to the Parking.

1. Has a pipe line company either oil or gas the right to dig up the parking and the bluegrass thereon and lay oil or gas line without paying for the right of way to the land owner, said land owner or farmer owning the land on both sides of the public highway? 2. When the road is very muddy and in bad condition has a traveler the right to drive on the parking when the land owner has sown bluegrass on it and is mowing the same every year to keep down weeds and other grasses, when such driving makes it bad for mowing and also injures the bluegrass? I have placed poles and brush along the parking to keep them from driving on it. What can I do to prevent the driving, and the laying of the pipe lines? 1. The pipe line company has the right to lay its pipe along the public highway even if in doing so it destroys the grass. The adjacent land owner could not collect damages for this. 2. If the road is very muddy so that it makes traveling very difficult I am of the opinion that the traveler has the

right to go outside of the regular track so long as he keeps within the bounds of the laid out highway.

3. If your poles and brush do not interfere with public travel there would be no objection to your leaving them there to protect the grass as much as possible. If they do interfere with public travel you could be required to remove them.

Statute of Limitations.

1. How long is it before a judgment is outlawed and in case of a doctor's bill, how long before that is outlawed? 2. What is the law in regard to a mortgage given by a person of unsound mind? 1. A judgment on which no execution issues, is outlawed in five years. An account outlaws in three years. A doctor is entitled to the benefit of the garnishment law as well as other creditors. 2. A mortgage given by a person of unsound mind is void, provided the unsoundness of mind was sufficient to render the party incapable of comprehending what he was doing or realizing the consequences of his act.

The Rights of a Dog.

It has been a custom to pay \$1 tax on each dog. Some say here that one can have his dog valued at say \$5 or \$10 and pay on the value, and not \$1 a dog. Some say one has to pay the dollar and on the value also. The Constitution says nothing shall be taxed without representation and valuation, and it also says no state shall make a law which does not coincide with this Constitution. I want to know where the state gets the right by law to collect the \$1 tax on a dog.

Mr. Lillie seems to have discovered language in the Constitution which is not in the printed copy of that historic document which I have in the office. Our law enacted by the legislature of 1913 provides for both the valuation of a dog for assessment purposes and also for the levy of a special tax amounting to \$1 a dog for male dogs and \$2 a head for female dogs. Paying the property tax on your dog will not relieve you from the payment of the special dog tax. So far as I know the constitutionality of this dog tax law has not been tested in the courts.

A Soldier's Claim.

My grandfather served four years in the Civil war and received an honorable discharge. He had his papers on his desk one day when his small daughter came in and got hold of them some way and burned them; however nothing was done about the matter at that time and nothing since. I would like to know if there is any chance of his heirs getting anything from the government? There is nothing in your letter to guide me in forming an opinion as to whether his heirs have any claim against the government. He, no doubt was entitled to a pension but that is a personal right which dies with the pensioner. If he left a widow whom he married prior to 1890 she is entitled to a pension in her own right. If he died leaving children less than 16 years old they would be entitled to draw pensions until they reached the age of 16. If, aside from his right to a pension, he had some other claim against the government, say for property destroyed by government order his heirs have a right to prosecute that claim and collect from the government.

In Regard to Fences.

My land lies south of the county line and is all fenced as well as I am able to fence it, with two wires. My neighbor on the north of the county line in another county had his field fenced but let it go down. He is a big cattle man and lets his cattle run in the road and they fight thru the fence with my cattle and keep my fence in bad condition all the time. Is there any law to compel him to keep his cattle away from the road? I want to be neighborly with all, for I have stock and suppose they will bother my neighbors some, but I try to keep them at home and do; and would like to be done by likewise.

If you live in a herd law county you can take up your neighbor's stock as strays and hold them until damage is paid. If you do not live in a herd law county you have not a legal fence and I do not think you can recover damages. Your neighbor's cattle have a right to go upon the public highway, but they do not have a right to trespass on your premises, if your premises are enclosed with a legal fence, or in case you live in a herd law county it is not necessary that you have any fences except where a neighbor joining you in your own county builds a line fence and compels you to build your part of the division fence under provisions of a law passed by the last legislature. This statute would not apply in the case of a neighbor who lived on the other side of a laid out road.



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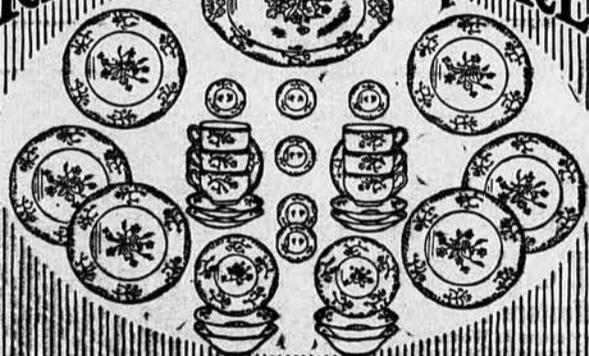
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If you wish to become a member of the Household Dish Club and secure one of these beautiful dinner sets free, send us your name and address and we will then send you illustration of the dishes in colors and full information about how to secure these beautiful dishes free. Fill in the membership coupon and mail at once.

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Yields as high as 60 bushels of wheat per acre are reported from all parts of the country; while yields of 45 bushels per acre are common.

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## Alfalfa is Doing Well

BY HARRY A. HUFF

The weather has been hot and dry for the last 10 days and farmers are getting along with their work in fine shape. A good many men have all their corn planted and the rest of them are putting it in the ground just as fast as they can. The alfalfa will be ready to cut in another week and it is going to make a fine crop. The strawberries are beginning to get ripe and by the first of the week there will be home grown berries on the market. They need a rain but I am irrigating part of them from the city water works so that I will get some berries if we do not get any more rain. They need two more good rains of about an inch each and a week apart to make a big crop. The berries are about 90 per cent water and they can use an immense amount of it when they begin to get ripe.

For the past week there has not been much bee pasture here that the bees could work on. The fruit trees gave a good flow while they were in blossom but they shed their blossoms several days ago. The bees have had nothing to work on that gave much honey altho they have been able to get plenty of pollen. The hives that I have opened in the last week were full of bees and they have used most of the old honey. Some of them had some new honey. The White clover has started to blossom and in a very few days they will begin to get a good flow from it. I saw some combs that were packed nearly solid with pollen. During the past week there have been several days when it was very hot and the first day I saw the bees clustering on the outside of the hives. Whenever they begin to do that it is a sign that they need more room or that they do not have ventilation enough. It may be a sign that it is too hot for them. Examine the hives and if they need more room put on an extra super. Then if they still hang outside, open up the entrance. If you have a reversible bottom board, turn it with the large opening up. That will give an opening about 7/8 inch high and the length of the hive. If that does not keep them in the hive make a shade board to shade them if they are where the sun will strike the hive.

The best way to make a shade is to get some old boards and nail them together so you will have a cover about 8 or 10 inches wider than the hive and 12 to 15 inches longer. It is a good plan to have a strip 2 or 3 inches wide nailed across one end so that when the cover is put on the hive it will have a slant to the front and so there will be an air space between the hive cover and the shade board. This kind of a shade board will not cost much and will shade the hive from the middle of the forenoon until the middle of the afternoon. If the bees still seem to need more ventilation, you can enlarge the opening by raising the front of the hive and placing two blocks under the front corner. This will make a front opening the width of the hive and two side openings the length of the hive and tapering from nothing at the back end to 7/8 inch at the front. This will be sufficient for early in the season but during the latter part of the summer it may be necessary to give some additional ventilation. This can be secured by the following method: Take the second story or super and move it back on the lower one just enough so there will be a crack between the two wide enough for the air to get thru but not wide enough for a bee to crawl thru. Then take the next super on top of that one and set it forward on the one below until there will be a crack for ventilation in the same manner. You will not have to do this till the latter part of the season unless it is very hot. Bees make comb the best when it is hot but if it gets too hot they crawl on the outside of the hive and wait till it cools off. If a hive is in the direct sunlight with no protection it is possible to get them so hot that portions of the combs will melt down. If that happens you are likely to lose your bees.

## K. S. A. C. Entertains Grangers

Two hundred and fifty farmers and their families attended the annual Grange picnic Wednesday, May 17, given by the agronomy department of the Kansas State Agricultural college. Shortly before noon the Grangers be-

gan arriving at the agronomy farm, 2 miles north of the college campus. Nearly all of the members of the Manhattan Grange attended and the Gatsville Grange at Clay Center sent 50 members in 10 motor cars. It was interesting to note that as many motor cars as rigs were in the farm yard.

The picnic was in the front yard at the agronomy farm. The college served coffee and ice cream. Every family brought a basket dinner and an overwhelming variety of salads, meats, pies, cakes, and sandwiches. Professor L. E. Call, in charge, had expected about 150 persons and was forced to send a hurry-up order for more coffee.

At the table were A. P. Reardon, master of the state grange, and Mrs. Reardon; W. T. Dickson, chairman of the executive committee; E. W. Westgate, past state master, and Alfred Docking. The Manhattan Tribune and the Farmers Mail and Breeze had representatives present.

Dean J. T. Willard of the college, welcomed the visitors. State Master Reardon responded. Professor Call told of what was being done on the college farm, saying that it was an experimental and not a demonstrative farm. W. T. Dickson made a brief address.

The afternoon was spent in walking over the farm and looking at the growing crops. Several dozen varieties of wheat are being grown side by side on the same kind of ground and the labels and different conditions speak for themselves much better than a bulletin could. There is a field of alfalfa which is going to be cut and stacked while green to see if it makes any better hay.

"To date only the Riley county Granges have been invited to this annual picnic," said Professor Call, "but we are planning on making it an affair for everybody. I believe that visitors are more convinced when they actually see things than when they read a bulletin."

## Colt Has Tetanus

I have a young colt about 3 weeks old, that rolls its eyes back when approached or excited in the least. It rolls them until at times the colored part is almost out of sight. The colt is very lively and seems to be in the best of health. It was bothered with navel trouble, and dripped urine for a while but it seems to be cured of that.

Newton, Kan. C. A. B.

Your colt is affected with the condition technically known as tetanus and commonly spoken of as lockjaw. However, the latter name is not a correct one as locking of the jaws is not a constant symptom of tetanus. The disease is due to infection with the tetanus bacillus through some wound, and in this case the infection undoubtedly has taken place thru the navel. The best thing that you can do is to open the navel string by incising it and then painting the interior daily or several times daily with tincture of iodine. The tincture of iodine must reach the deepest portion of the wound because that is where the germ is located, and so long as the germ is not destroyed it will continue to give off its poison which produces the symptoms you have observed. The condition is many times fatal despite all treatment, but it is barely possible that your colt will recover if you follow the treatment as outlined. You should avoid exciting the colt because sometimes during such excitement the animal will drop dead.

Dr. R. R. Dykstra.  
Manhattan, Kan.

## Livestock Farming at Bellefont

What is the best crop to grow for silage in this section? I have a mare 10 years old that I wish to fatten; what would be a good ration?

Bellefont, Kan. H. J. W.

The best crop to grow for silage in your section is sorghum, because of its resistance to unfavorable weather conditions and large average yield. If corn were as certain a crop as sorghum then corn would be preferable as it is a little bit more valuable ton for ton.

To fatten a mare 10 years old, I would suggest the feeding of 6 pounds of alfalfa hay a day, 6 pounds of other roughage and all she will consume of a mixture of 10 parts corn, 5 parts oats, 3 parts bran, and 1 part of linseed meal.

W. A. Cochel.  
Kansas State Agricultural College.

Store away about a bushel of feterita seed so that if an overflow or hail destroys some crop in June or early July, the feterita may be planted as a catch crop.

# Weigh the Cow's Milk Often

Test the Butterfat Content at Least Once a Month

BY R. E. HUNDERTMARK

THE most satisfactory plan when determining the amount of milk produced by each cow is to weigh the milk daily. This makes it possible to feed the stock with greater economy; it also is desirable in that when sickness or other adverse conditions arise, it reacts quickly on the milk and can be quickly determined. Other plans have been tried, such as weighing the milk two or three days each month. Weighing the milk every seventh week during the lactation period has been tried with some degree of success. Altho the scales enable one to determine the amount of milk given during the lactation period, it does not tell the whole story, and on this account the test for butterfat also is necessary.

The use of the Babcock test to determine the fat content of the milk is desirable for a number of reasons. In many cases a low production of milk may be accompanied by a high test, thus giving the cow a fairly good ranking as a butter cow. On the other hand, a large production of milk may be accompanied by a low test, and still the production may be satisfactory from a butterfat standpoint. The weight of milk and the test must be taken before one is competent to judge as to the value of a cow for production purposes.

Samples for testing should be taken at least once a month. This sample should represent at least 24 hours, or preferably 40 hours, of complete milking. This will give a fair average for the year. By this method, it will be possible to take advantage of the seasonable variation and also that due to advance in the lactation period of the cow.

The essential feature in taking samples of milk for testing is to obtain milk which will be representative of the whole lot. When the sample is taken from the milk during a two-day period, equal amounts may be taken so that there will not be a larger proportion from one milking than from another. In case of a large variation between the different milkings, however, a proportionate amount of each should be used for the composite sample. This may be taken with a pipette, or cylinder, or the amount may be estimated with a sample dipper. Before taking the sample, the milk should be poured back and forth from one pail to another a number of times. Place the milk in the sample jar and add a small amount of preservative such as corrosive sublimate or formalin.

The conditions resulting in an improper sample are, first, lack of proper mixing of the milk; second, an abnormal condition of the cow, such as the period of heat, disease, or intense excitement; third, the manner and time of milking. Other conditions, such as the feed and the season, influence the fat content of the milk from year to year, but will not be a factor in determining the monthly production.

The samples, containing the average of the milk, should be tested for butterfat by means of the Babcock test. The percentage of butterfat as shown by the test is the amount of pure butterfat in 100 pounds of milk. In estimating the amount of butter that can be made from a certain amount of butterfat, it is customary to add one-sixth to the amount of fat. This increase, or over-run is due to the water, curd, salt, and ash that is incorporated during the process of manufacture. One should distinguish whether the record of a cow is given in terms of butter or butterfat.

In order to keep a record of the daily production of milk, a milk record sheet is necessary. The milk sheet can be made in any size, to accommodate from 5 to 30 records of individual cows. In larger herds, two record sheets should be used. The record sheets should be preserved. This will then show the daily and monthly production, also the butterfat test and the pounds of butterfat produced during each month.

The monthly record sheets will be useful in showing the results in the herd under a certain method of handling or under certain feed conditions. It also will be of value in determining the amount of improvement in the herd due to better feeding, better breeding or other factors.

While most dairymen keep no feed records, other than the weight of the feed for the entire herd, yet there is

some advantage in knowing the exact amount each animal is fed. If this is desired, the combined milk and feed may be used.

Before the breeder of purebred or grade stock undertakes to keep records, some system should be decided upon in order that it can be followed for a considerable length of time. Unless this is done the work will not be carried on satisfactorily, or for a very long time.

It has been estimated that the time necessary to record and weigh the milk from one cow is half a minute a day. In a herd of 30 cows, the time necessary to do this work will be 15 minutes a day, worth 5 cents. In a year this would amount to \$18.25.

One should be able to test the samples from 30 cows in a time not exceeding three hours. This will amount to a charge not exceeding \$1 a month. If this helps to detect one or more unprofitable cows, not counting the saving in feed, the increased interest in the work, and the satisfaction in knowing what each cow is producing, the expense of testing will be well paid for.

## Shorthorn Makes Milk Record

The cow testing association of Independence, Ia., made some interesting records in a recent test held under the supervision of the state. Frank Barriekman was the official tester.

The association covers 25 herds of Shorthorns, Holsteins, Guerneys and Jerseys. During the month of March the cows that produced 30 pounds of butterfat included 11 Shorthorns, 5 Holsteins and 2 Jerseys.

Roxie, a Shorthorn entered by Cook's Grove farm produced 50.7 pounds of butterfat at a feed cost of 9 cents a pound. This was the highest production of butterfat and the lowest cost a pound shown in the test.

Bertha, also a Shorthorn entered by D. E. Sullivan was the next highest, producing 47 pounds of butterfat at a cost of 10½ cents a pound. Star, a Shorthorn entered by J. Fernau, had a feed cost of 9 cents and production of 34.6 pounds. While the yield of this cow was sixth and her milk yield seventeenth in the list, her average test was the highest, being 5.9. Both Roxie and Bertha showed a test of 5.1. This percentage was only exceeded by a Jersey entry showing 5.4 with an aggregate butter yield of 31 pounds at a feed cost of 15 cents a pound.

## Don't Neglect to Milk the Cows

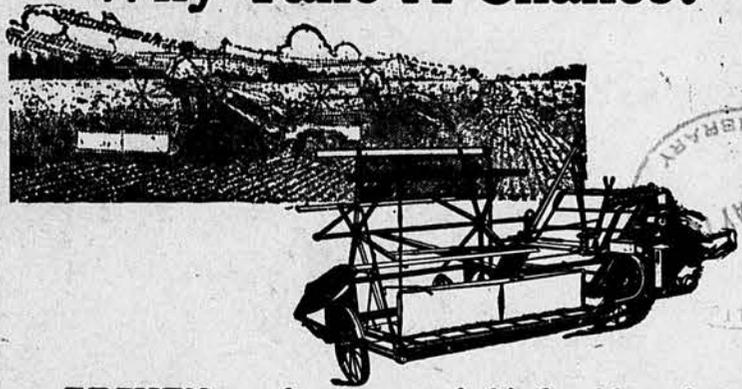
At one time it was thought that garget was due to mechanical injury to the udder, and while this cause cannot be entirely eliminated, it seems evident from all recent work that practically all cases are due to infection, the germs gaining entrance thru the teat duct.

It is well known that sterile milk is not to be had even when removed under the most rigid precautions. This indicates that germs are to be found in the udder most of the time. Under ordinary circumstances these bacteria do little harm, but occasionally a harmful one gets in and sets up severe inflammation. This is especially likely to be the case at about the time of freshening, or during the time the cow is drying up. At both periods there is an accumulation of milk that is not drawn out regularly and consequently it forms a good medium in which bacteria can live. When there is much accumulation of milk, milking should be done in order to get out these foreign organisms before they become harmful. While it is not necessary at the time of drying up to encourage milk production by milking dry, yet it is much better to milk out a small quantity so as to get all of the organisms out of the sinus, than it is to allow it to accumulate for several days.

I. E. Newsom, Colorado Agricultural College. White paint may be cleaned by rubbing it gently with a soft flannel dipped in a paste made of whiting and water and a little soap powder.

Use strong soda-water with plenty of soap for cleaning windows. Rinse freely. Finish off with a succession of warm, dry cloths.

# Why Take A Chance?



WHEN you buy your grain binder this spring, do not make the mistake of experimenting with an untried or cheap machine. You cannot make money that way. A binder is useful for one purpose only—to get all the grain cut and bound in the short time allowed for the harvest. That is no time to risk experiments, especially when you do not have to. Choose your binder from one of the old reliable, yet up-to-date in every way, International Harvester binders sold under the trade names—

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And it does this and does it just as fast and just as well as it can be done with simple efficiency and with compound economy. It is the one supreme machine for its class of work. This supremacy has been gained by sixty-eight years of constant improvement upon the one great idea of minding your own business.

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Good friends of yours are making money and saving grain by using this machine. They tell you how they do it in the Home Edition of the Red River Special paper. You'd better send in your address for a copy of the last edition. If you would like a Big Catalog, just mention it when you write.

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Drilled wells demanded EVERYWHERE. Owners of Armstrong Well-Drilling Outfits make BIG PROFITS. \$25 TO \$75 A DAY CLEAR. Gasoline traction and non-traction. A machine for every depth—for every formation. Write today for FREE WELL-DRILLING BOOK, FULL INFORMATION.

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One man can handle entire outfit. Speed of engine controlled by lever from drilling end of machine.

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—T.H.S. KELLEY.

## The White Diarrhea Germ

White Diarrhea is caused by a germ, transmitted through the yolk, which multiplies rapidly after chick is hatched. There is scarcely a hatch without some infected chicks, and before you learn which ones are affected, they have infected the whole brood. The germs can be killed by the use of preventives and they should be given as soon as chicks are out of the shell. The only practical, common-sense method is prevention.—Advt.

## How to Prevent White Diarrhea

Dear Sir: I have raised poultry for years and have lost my share of little chicks from White Diarrhea. Finally I learned of Walker's Walko Remedy for this disease, so sent for two 50c packages to the Walker Remedy Co., L6, Waterloo, Iowa, (formerly located at Lamoni, Ia.) I raised over 500 chicks and never lost a single one from White Diarrhea. Walko not only prevents White Diarrhea but it gives the chicks strength and vigor—they develop quicker and feather earlier. I have found this company thoroughly reliable and always get the remedy by return mail. Mrs. L. L. Tam, Burnett's Creek, Indiana.—Advt.

## Don't Wait

Don't wait until White Diarrhea gets half or two-thirds your chicks. Don't let it get started. Be prepared. Write today. Let us prove to you that Walko will prevent White Diarrhea. Send for 50c box on our guarantee—your money back if not satisfied. Walker Remedy Co., L6, Waterloo, Ia.—Advertisement.

# A Method That Brought Eggs

### Give the Hens Plenty of Air and Water—They are Cheap

BY MYRON ANDREWS

SOME authorities say that a great deal of poultry is kept at a loss. These losses easily can be remedied by practicing proper management and feeding. The plan of poultry management that I shall outline here was used on my home farm last winter, and proved a financial success.

The chickens were healthy and worked contentedly on the coldest days. The egg yield was 47 per cent for January, which compares favorably with the best results obtained by many experiment stations. These birds were not picked layers from any famous laying strain. They were a mixed flock—vigorous Buff Orpingtons and Silver Laced Wyandottes.

Nearly all of the poultry houses in this section are built with the idea that the tightest house is the best house. Most of these houses allow very little light to enter. In stormy winter weather the chickens are kept in the house to wade around in filth or are turned out to run in the mud and snow. Hens which suffer from cold feet will not lay many eggs.

If you have a poultry house on your farm you need not build a new one. Simply tear all of the boards off the south side of the building to a height of about 4 feet and replace with wire netting. A canvas curtain can be used to roll down over the netting in stormy weather. It is necessary to have all the cracks and knotholes on the other three sides completely closed.

Ordinary cold weather will not freeze the combs unless there are drafts. Experiments made by the United States Department of Agriculture show that where there were no drafts, the birds suffer no injury in a curtain-front house, although the temperature goes down many degrees below zero.

If one is building a new poultry house it is not necessary to make it as high as most poultry houses are constructed. The lowest side should be high enough for one to move around under comfortably, and the highest part only high enough for the roof to have sufficient slope.

The next thing to take note of is the roost. The roosts should be 2½ to 3 feet high and level. If dropping boards are placed under the roosts, the droppings will be caught and the birds can have the additional room underneath for scratching space.

The kind of floor does not matter so much. A dirt floor requires good drainage. It is advisable from the standpoint of health to remove 3 inches of soil out of an old poultry house and replace it with fresh soil. The nest boxes need not be over 2 feet from the floor. About one box to every 10 hens is the right proportion.

Even if chickens are sheltered in an ideal house they will not lay winter eggs unless they are given the right sort of feed and care. If hens are kept in a house in winter they must have something to keep them busy, for "a working hen is a laying hen, and a laying hen is a paying hen." The best thing for this is to have plenty of dry straw for scratching. The grain feed can be scattered in this.

Wheat and kafir probably are the best grain feeds. Some corn may be fed in order to keep up the heat of the birds in winter, but if it is fed to excess the hens will get fat and not lay.

Cracked corn can be fed from a hopper. A warm bran mash is good, but only enough must be made so that it will be cleaned up each day and not allowed to get sour.

Grubs make up the protein or meat part of the ration of birds in the wild state. This part may be supplied in the form of beef scrap, which can be bought for about \$2.50 a hundred pounds. But if one has plenty of skim milk to use, very little of the beef scrap is necessary.

## Sell the Roosters in May

We are making an organized effort this year to get rid of the roosters in Kansas and have only infertile eggs for market. This will make a big saving for the merchants as well as for the farmers. Letters were sent to 150 egg and poultry buyers of the state, to which 70 replies were received. Of these, 50 agreed to pay a slight premium a pound for roosters one week, provided that all the roosters are sold. The week which suited most of these people was May 22-27. Therefore, we have adopted this week as rooster week in Kansas, and are doing everything we can to make it a success. Ross M. Sherwood, Kansas State Agricultural College.

## Do Not Starve the Young Ducks

When my ducks were about 3 weeks old, their heads would draw back, and they would lie around for a few hours and die. There are a great many cottonwood trees here. The ducks eat the cotton. We thought that possibly that killed them. Some persons say we starved them. We feed them cornchop and all the grass and water they want. What would you advise us to feed them? Sedgwick, Kan. T. U.

The cotton which your ducks ate and also your method of feeding might be responsible for the trouble which you had. Young ducks should not be fed corn, chops or hard grain for best results. They should have a moist mash. Your method of feeding would have a tendency to starve your ducks and this with the cotton would bring on just such conditions as you describe. I should advise you to feed a mash made of equal parts of wheat bran, cornmeal, and shorts. Mix and keep it in a bin or sack in your feed room and then you can draw on this as you need it for each feeding. If possible purchase 100 pounds of dry beef scraps. Take about a pint of beef scraps and scald them in boiling water. Let them stand for awhile and then mix this quantity of the scalded beef scraps with about 1 gallon of your dry mash and a handful of fine grit. Make a crumbly mash of this and feed it to your young ducks and they will grow like weeds. It is best to moisten the mash with cold water, or use the water with which you scalded the beef scraps, but not until after it has become cooled. Feed about three times a day, all that they will clean up. Give them lots of green food. T. E. Quisenberry.

The self-made man stalked into the office of a great financier with whom he had an appointment.

"You probably don't remember me," he began, "but twenty years ago, when I was a poor messenger boy, you gave me a message to carry."

"Yes, yes!" cried the financier. "Where's the answer?"—Argonaut.

If your subscription is soon to run out, enclose \$1.00 to the Farmers Mail and Breeze, Topeka, Kan., today, and we will include a year's subscription to Capper's Weekly.

## Special Subscription Blank

Publisher Farmers, Mail and Breeze, Topeka, Kan.

Dear Sir—Please find enclosed \$1.00, for which send me the Farmers Mail and Breeze and Capper's Weekly for one year, in accordance with your special short time offer.

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are just right for threshing directly, into and saving the extra time and labor of hauling during the busy season. They are also

**RAT PROOF—FIRE PROOF** and will protect your wheat from all danger of loss, enabling you to store your grain in perfect safety until the market is high

## BEST CONSTRUCTION

Butler bins have every feature for economical and quickly handling grain. Large and small door, shoveling board, manhole, removable slats, etc. All are fully described in our new 1916 Grain Bin Booklet, which your dealer will give you or we will mail direct. Write now—prices may advance at any time, as the war-time steel market is very uncertain.

**BUTLER MFG. CO.**

1400 Butler Building, Kansas City, Mo.  
Threshermen's Tanks and Outfits.

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THE BALER FOR BUSINESS

## Speed

Speed and big capacity give the Ann Arbor owner unbeatable advantages. Advantages that mean extra profits, quick money-saving work at lowest cost. Beat the weather man.

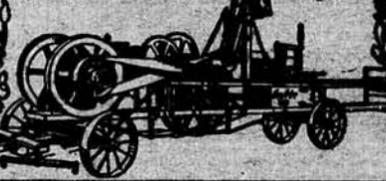
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Baling Alfalfa, Prairie Hay, Vetch, Pea Vines, Soy Beans, Sorghum, Sudan Grass, etc.

Power presses in separate or combination outfits. Use any engine. Hitch your tractor to the Ann Arbor.

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Write for booklet on Balers in Foreign Countries



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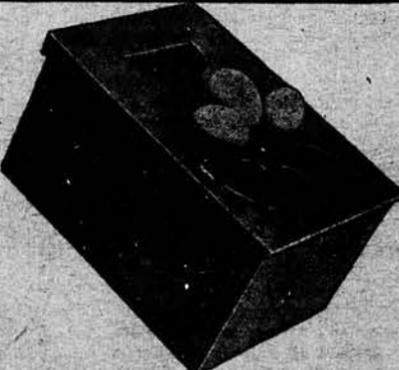
Over 100,000 Sold



## HARVESTERS

Equipped with Champion Grain Guards do work no others can do; will pick up lodged grain no matter how badly tangled nor how flat it lies on the ground, so that it may be cut the same as if standing. They will get it. Cut all around your field, save half your time and all your grain. Made of steel. Endorsed by agricultural colleges and farmers all over the U.S. We will ship to responsible parties on three days' free trial. If not as represented, return at our expense; money when paid will be refunded. Mention machine. Agents wanted. Prices: \$4.00 per set of eight; \$5.00 per set of ten. These guards saved farmers over 1,000,000 bu. of grain last harvest.

CHAMPION GRAIN GUARD CO., 3834 Elmwood Ave., Chicago, Ill.



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Candle your eggs and save the "come backs." This egg tester without counter, postage paid to your place, seventy-five cents; with counter, one dollar. Stamps or money order to accompany the order. Winler Manufacturing Co., Box F, Winler, Illinois





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It will do your pumping in a way you wouldn't have believed possible.  
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Our free booklet tells the one sure way. A Postal brings it.

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SEPARATORS, SPREADERS, TRACTORS

My 250-page free catalog tells you why I sell direct to users at wholesale prices. These and other implements, built in my own factory at Waterloo, at prices one-third to one-half less than you usually pay for first-class goods. All new, styles and prices of separators, engines and spreaders. My Farmobile tractor has no equal for simplicity and efficiency. State what you need. 250,000 customers testify to Separator quality of the Galloway line of goods. Write today for your free \$34.50 copy of this wonderful book of bargains for farms and households.  
**Wm. Galloway, Pres.—Wm. Galloway Co., 47 Galloway Station Waterloo, Iowa. Engines \$25.75 up**

**Lady's Solid Gold Lavalier**

**FREE** This SOLID GOLD pendant with 14 inch chain is the popular open-work design, set with beautiful assorted colored stones. A very fashionable style and a dainty piece of jewelry. These lavaliers are of exceptional beauty and value and splendid for gift purposes.  
**Special Offer**—We will send this SOLID GOLD chain and pendant to all who send us six yearly subscriptions to the Household, a big story paper and family magazine, at 25 cents each or three 3-year subscriptions at 50 cents each, \$1.50 in all. Satisfaction guaranteed. The Household, Dept. L-9, Topeka, Kan.

**Sunday School Lesson Helps**

BY SIDNEY W. HOLT.

Lesson for June 4: The Call of the West. Acts 15:36-16:15.

Golden Text: Come over into Macedonia, and help us. Acts 16:9.

The second missionary journey was prompted by the tender solicitude of Paul in wishing to revisit all the cities where he and Barnabas had taught, to see their former converts, and to strengthen them if they were weakening in their new found faith.

This plan was marred by a very human outbreak between Paul and Barnabas. We find that they really were "men of like passions" as they had informed the people of Lystra. It was a quarrel of personal feelings. Paul's natural disposition was impetuous and impatient. Barnabas was not without strong claims. It was hard to expect him to resign his interest in his kinsman, one whom he had worked so hard over, and it was natural that he should wish to give John Mark another trial, and equally natural that Paul should question the guarantee that he would not again become faint hearted, for they were going over the same dangerous regions that they had travelled before.

The church saw the separation of its two great missionaries and witnessed a deliberate and finally amicable arrangement to divide the region of their first mission, Paul taking the continental and Barnabas the insular part of the proposed journey. Barnabas took Mark and sailed to Cyprus, his native land, where he founded many churches and died a martyr. Thru the noble leadership of his uncle's gracious personality, Mark became a man of note and later Paul welcomed him as his companion.

Most Bible authorities differ a little as to the exact date for this lesson, but A. D. 50 probably is as nearly correct as any. The journey began in the early spring. Leaving Antioch in Syria, April and May were spent in Syria and Cilicia, the summer in South Galatia and autumn in the long wandering that ended at last in Philippi. The order of the second missionary journey was just the reverse of the first journey.

Cilicia is a district in the Southeast corner of Asia, which in the New Testament times was divided into two portions. The Roman province, Cilicia, which is alone referred to in the New Testament, stretched from a little East of Corycus to Mt. Amanus, and from the Cilician Gates and Amazarbus to the sea. For administrative purposes it was combined with Syria and Phoenicia, and a sense of unity existed between Syria and Cilicia. The capital of the province was Tarsus, the birthplace of St. Paul.

On reaching Derbe, the old wound of separation from Barnabas was opened by the questions naturally asked by the friends there, but Silas was to fill the place left vacant by Barnabas, and at Lystra, Timothy was found to fill the place wanted by Mark. Timothy was one of the young disciples, converted by Paul on his first visit.

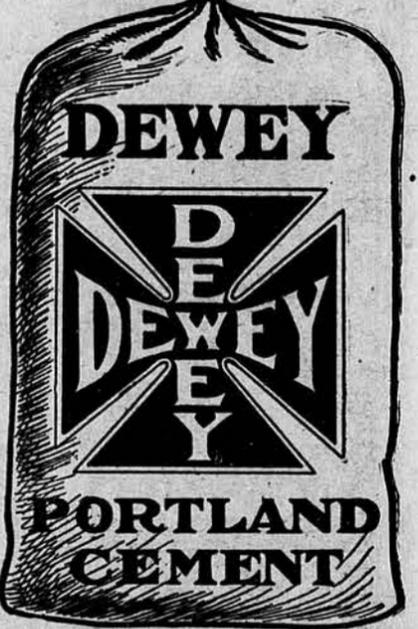
Troas was a city of Mysia on the northwest coast of Asia Minor in the Roman province Asia. It was founded by Antigonus. From B. C. 130 it was under Roman rule and Augustus made it a Roman colony. Here at Troas, Paul, Silas and Timothy were joined by Luke, the Greek physician.

The Macedonian harbor at which St. Paul landed was Neapolis. The shore of the mainland in this part is low, but the mountains rise to a considerable height behind. It was the seaport of Philippi, the first city which the traveller reached on entering this part of Macedonia, a city of importance as a Roman military colony. The distance between Neapolis and Philippi is about 10 miles. The ascent of the ridge is begun in the town; when the higher ground is reached an extensive and magnificent sea-view is opened toward the South. The descent looks toward Philippi and presents a level plain, famous for its fertility.

Here we find a congregation, chiefly consisting of women, not all residents of Philippi or of Jewish birth, but to this unpretentious crowd, the Gospel was first preached by an Apostle within the limits of Europe.

When weighing molasses for cooking purposes, flour the scale well and the molasses will run off quite easily without leaving any stickiness behind.

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For hot summer days you can have nothing that will afford more pleasure than a quiet hour in a hammock in some shady nook.

**The Leno Hammock**  
OPEN WEAVE  
The Best in the Market

We have arranged to give a hammock free to everybody as a gift for a small club of subscriptions. The Leno Hammock is open weave, heavy 5-ply yarn, two-tone red, yellow and green alternating in bars, very attractive and the best in the market this season. We will send this 34x80 Hammock with pillow postpaid for two yearly subscriptions to Mail and Breeze at \$1.00 each or one 3-year subscription at \$2.00.

MAIL AND BREEZE, Dept. H, Topeka, Kan.

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Dairy building of Mr. C. F. Holmes' Farm Overland Park, Kansas. Note the cement construction of water trough. Sanitation—and plenty of clean water, mean healthy stock.

Concrete is the material best adapted for all farm or dairy improvements because it is permanent and disease-proof. Ash Grove Cement is selected by progressive farmers and dairymen who want a perfect job—no matter what the improvement.

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The most finely ground cement—goes further, saves you money and time. That's why it is popular. See your dealer.

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**The Topeka Daily Capital  
Until December 1st, \$1.50**

**WE** WILL send The Topeka Daily Capital to readers of Mail and Breeze until December 1st, 1916, for only \$1.50. This is a special reduced price to new subscribers only and readers should take advantage of this exceptional rate to keep in touch with the political events of the state and nation. The campaign of 1916 will be an exceedingly lively and exciting one and every patriotic person should take advantage of this special offer to receive the Daily Capital, containing all the news worth while, for more than six months for only \$1.50.

Send in your subscription NOW so that you may derive the full benefit of this special short time offer. Sign name below and mail to the Daily Capital today.

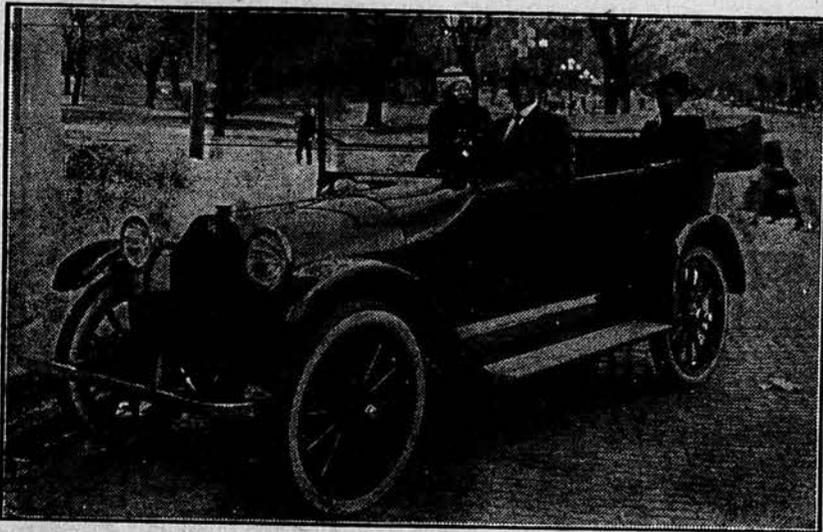
Daily Capital, Dept. M. B., Topeka, Kansas.  
Gentlemen: Enclosed find \$1.50 for which please send me the Daily Capital until December 1st, 1916, as per your special campaign offer.

Name .....

Address .....

# Winners Rode Home in Cars

An Official Report Showing the Happy Results of the Recent Farmers Mail and Breeze Automobile Contest



H. E. Glantz of Collyer, Kan., Won the Seven-Passenger Studebaker Touring Car in the Farmers Mail and Breeze Contest.

EVERY reader of the Farmers Mail and Breeze will be interested in knowing the outcome of the recent automobile contest conducted by this paper. Four grand prizes were offered, four automobiles and every participant that failed to get one of the four machines received a liberal percentage on the amount of subscriptions he had turned in. The contest was unusually interesting, and especially so during the final week of the race.

After allowing several days for all mail to reach the office postmarked on the last day of the contest, the final counting of points and awarding of prizes took place. All mail containing subscriptions representing the last few days' work was placed in a sealed ballot box and held, unopened, until the final counting day.

Only four contestants took advantage of the invitation sent to all to be present at the final counting of points and awarding of the automobiles. These were Miss Mabel Stambaugh and Miss Maude Eames, both of Whiting, Kan., J. B. Parks of Weatherford, Okla., and Fred Harris of Soldier, Kan. The seal on the ballot box was broken by Miss Stambaugh. Everyone was well pleased with the manner in which the contest was conducted.

H. E. Glantz of Collyer, Kan., won the \$885 Studebaker touring car offered as first prize; Fred Harris of Soldier, Kan., received the \$615 Overland as second prize, and the Ford touring car and the Saxon Roadster offered as third and fourth prizes, were awarded to D. S. Long of Newkirk, Okla., and Mrs. Bertha Scriptor of Detroit, Kan.

As soon as the results of the contest were determined, the prize winners were advised of their good fortune by telegram. Mr. Glantz brought his family to Topeka shortly after he received the news of his success, and they made the return trip home in his big new seven-passenger Studebaker touring car, a distance of 300 miles. Mr. Harris took his Overland to his home overland.

The Farmers Mail and Breeze expects to have other contests in the future. Obviously everybody can't win—not in any kind of a competitive undertaking

—but everybody has a chance and nobody wastes his time. And what better way could you adopt to get a motor car? Certainly there is a mighty impressive difference between handing out \$900 or \$1,000 for a car, and getting one for a few weeks' special effort for your family paper. But even if you fail to win an automobile the pay you receive for your work, the percentage of every dollar paid for subscribers, will be an important addition to the fund for buying a car later on; many persons have paid for their cars in just this way. In the contest closed recently the winners of the four motor cars worked less than eight weeks for their prizes. Figured on the basis of salary these contestants were earning more than \$100 a week—in the first prize winner's case—and very nearly that much for the second place. The other competitors who won the Ford and the Saxon cars worked at a very much higher rate than many persons receive in professional and scientific life. Moreover, such effort is in no way circumscribed. Success depends wholly on a man's ability to hustle in selling a first class product.

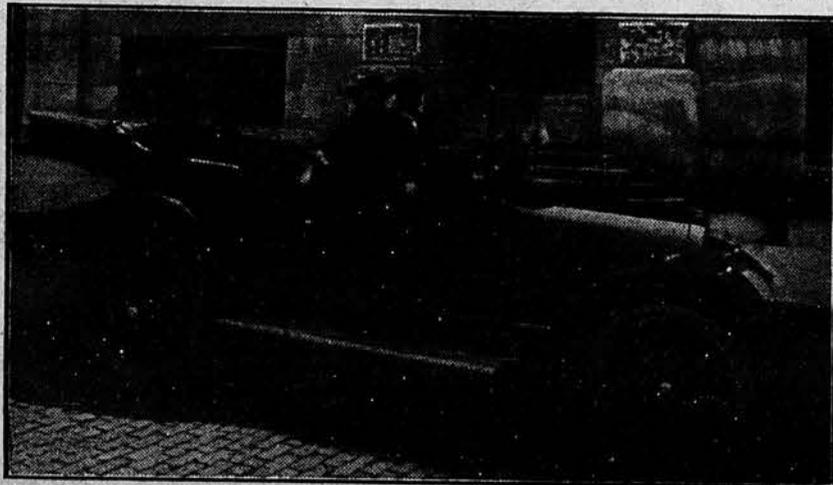
On another page in this issue will be found the announcement of a gas tractor contest. This contest will be of especial interest to the wide-awake farmer who is anxious to keep apace with the modern methods of farming.

## Another Colt in Trouble

I have a mare colt, born in April. It is ruptured at the navel. What can be done? Piedmont, Kan. F. H. B.

The best thing to do for the navel rupture affecting your colt is to have some competent graduate veterinarian reduce the rupture by a surgical operation. If the rupture is not too large it is well to wait until the colt is about 6 months old because in some instances the rupture will disappear spontaneously before that age is reached.

In churning, when small granules of butter appear but will not gather, throw a small lump of sweet butter into the churn and it will form a nucleus about which the butter will collect.



Fred Harris of Soldier, Kan., and His Son Leaving the Copper Building in Their New Overland—Second Prize.

**"Follow Your Leader"**

When you realize that this Firestone Non-Skid is a national landmark, you will trust it—on any road, rain or shine, the whole year 'round. The Non-Skid lettering grips any grade and means safety and saving. Toughest possible rubber is piled high in the center where the wear comes.

**Firestone Non-Skid Tires**

carry a name—the name of the founder of the business and its present head. This organization is composed of specialists who make nothing but tires. This intensified ability in production and distribution explains why, with Firestones, you enjoy safety, easy riding and **Most Miles per Dollar.**

**Free Offer—A Firestone Waterproof Tube Bag Free for your dealer's name, and the make of your tires. Ask also for pamphlet, "Way to More Mileage," No. 29.**

**Firestone Tire and Rubber Co.**  
"America's Largest Exclusive Tire and Rim Makers"  
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ACME GIANT—8 and 6-ft. cut.  
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ACME GIANT VERTICAL LIFT has a 6-ft. cut.

**"ACME" machines are all the name means—**

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The conveniently arranged adjustments—the power strength and easy running qualities of the "ACME" suggests that you select it. A comparison is all that's necessary to convince you that this line stands for the best, most efficient and all-round service-giving machines that possibly can be made. **FREE CATALOG.**

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De't. G. PROSNA, ILLINOIS

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**30 DAYS Free Trial**

**EXTRAORDINARY OFFER—30 days free trial on this finest of bicycles—the "Ranger." We will ship it to you on approval, freight prepaid—without a cent deposit in advance. This offer absolutely genuine.**

**WRITE TODAY** for our big catalog showing our full line of bicycles for men and women, boys and girls at prices never before equaled for like quality. It is a cyclopaedia of bicycles, sundries and useful bicycle information. It's free.

**TIRES, COASTER-BRAKE rear wheels, inner tubes, lamps, cyclometers, equipment and parts for all bicycles at half usual prices. A limited number of second-hand bicycles taken in trade will be closed out at once, at \$3 to \$8 each.**

**RIDER AGENTS** wanted in each town to ride and exhibit a sample 1916 model Ranger furnished by us. It Costs You Nothing to learn what we offer and how we can do it. You will be astonished and convinced. Do not buy a bicycle, tires or sundries until you get our catalog and new special offers. **Write today!**

**MEAD CYCLE CO., Dept. W-177 CHICAGO, ILL.**

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**We Will Send You FREE A Pair of Gloves**

These gloves are made Gauntlet style from Automobile Tops and trimmings. They will outwear several pairs of ordinary leather gloves. They will protect your hands and are exceedingly comfortable as they give plenty of finger freedom and they are

**Water Proof**

These gloves are just the thing for automobile driving or work gloves. They are well made, pliable and durable.

We purchased a large supply of these gloves to give to our readers and we want you to write for your pair today.

**FREE OFFER**

We will send one pair of these gloves to all who send us \$1.15 to pay for one yearly subscription to Mail and Breeze, or free for one three-year subscription at \$3.00. New, renewal or extension subscriptions accepted on this offer.

**Mail and Breeze, Dept. G, Topeka, Kansas**

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TOLEDO MADE FOR THE WHOLE WORLD'S TRADE

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Europe comes to America for many articles which Yankee ingenuity produces cheaply.

But when Europe pays America a quality tribute, she does so grudgingly, and only after indisputable proof of exceptional superiority.

Yet leading European spark plug manufacturers buy Champion made

porcelain insulators in large quantities for their quality plugs.

And in addition to European importations of our porcelains, the discriminating European trade demands over six hundred thousand complete Champion Dependable Spark Plugs annually—more than two thousand every work day in the year.

At home, four out of five of the cars built this year are being equipped with Champions.

No single indispensable item of motor car construction is so universally specified as exclusive equipment.

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Your dealer will tell you which one is designed especially to serve your particular make of motor.

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### FORTUNES HAVE BEEN MADE

by advertising. Everyone knows that so well that it isn't necessary to insist upon it. We are not arguing that you will make a fortune by advertising in Farmers Mail and Breeze. But we do claim that there is no reason why you should not do what others are doing, add substantially to your income by advertising in the columns of this paper and we are not sure you may not find yourself on the way to a fair fortune. Look over our advertising columns, the display and the classified columns. You know what our readers buy that you have to sell, poultry and eggs for hatching, hogs, cattle, horses, land, seed corn and good seeds of about every kind. One man sold \$3,000 worth of seed by spending \$5 for advertising space in one of the Capper Papers. That is an extreme case, of course, but there is a big market for what you have to sell. Our readers will furnish the market. Rates are given in this paper. They are low for the circulation. If the rates are not clear to you ask us for them, addressing Advertising Department, Farmers Mail and Breeze, Topeka, Kan.

When writing to advertisers please mention Farmers Mail and Breeze.

### Good Corn on Fall Plowing

(Continued from Page 9.)

of which was 1914 seed and one grown in 1915. The tests showed both to be good seed. All the four varieties of kafir I have named are the standard Blackhulled White. All are planted on the same field under the same conditions, except that most of the land planted to the seed grown in this neighborhood was manured with stable manure for which allowance will be made. We are hoping for weather which will give us a good stand of these kafirs for should they fail our seed of the first two kinds named will all be gone.

Perhaps you will think that is experimenting enough with different kafirs but we have still another lot planted on a small scale with seed sent by H. W. Smith of Garden City, Kan. Mr. Smith does a good deal in the plant breeding line and has evolved two kafirs of which he sent me a small amount of seed to try in Eastern Kansas. One is called Buff kafir; the seed is about average size but is of a buff color. The other he calls Progressive kafir; that is white and seems to be about like the standard Blackhulled White.

When we consider how kafir will mix with all the sorghums and broom corn as well, it is a wonder that the seed grown on the average farm has kept its purity so well. Selection of the right kind of seed seems to do more for ka-

The best manager of the family—either husband or wife—should have control of family finances. Many American families follow this sensible rule happily, after the family financier has been discovered. In France women often are the treasurers for the family and no other nation in the world is as thrifty as the French. But every woman is not fitted to handle money any more than every man is. A pathetic case of a family's break-up on this account occurred recently in Topeka. The wife, otherwise a good and sensible woman always spent immediately every sum she could get her hands on. Her husband had even to have credit forbidden her at the stores. Notwithstanding she ruined him financially. He has become a wanderer and the family lives on charity, but a charity which never takes the form of money because the aid societies have learned the woman cannot use money properly. Yet she is a devoted mother. It is a tragedy.

fir than for any other grain plant we grow. For one thing, the head is right before us; it is not covered with a husk as is corn and the heads which ripen early show up plain before the main crop has ripened. To show what selection will do let us take the case of that mixed lot of African seed raised here in 1914. One farmer selected from among it the low-down, stocky plants which produced big, close-growing heads. From this he last year raised a fine crop much better than that from his native seed. Another farmer near him for some unknown reason fancied the very tall growing kind and from this selection last fall raised only 7 bushels to the acre. From this experiment we can see very easily what type to select in picking seed.

The water tank at the barn is full and I have just been out to shut off the windmill, 60 rods away. We do this by means of a lever attached to a post from which runs a No. 9 wire to the mill. This rigging to shut off and turn on the mill has been in use 11 years and it always works except after a heavy sleet storm; then we have to go down to the mill and knock the ice off the pulley. We have had this system of water works in operation since 1905 and it is no more trouble for us to get the water that 60 rods than it would be to pump it out right at the well. The original cost of the mill, 60 rods of 1-inch pipe, a 17-barrel tank at the yard and a hydrant at the hog yard was only \$150. I can't think of any other way in which \$150 could be spent which would give such value received as has this water system. It is but very little harder to pump water the

60 rods up a 40-foot elevation than it is to pump it out right at the well. An 8-foot wheel on the windmill does the work easily. But to pump water a distance the pump should have a 2½-inch cylinder instead of the usual 3-inch kind.

### Fig Club Pep Still Working

(Continued from Page 8.)

enough money to buy each of us a pin or a button with a picture of you and Mr. Capper on it? If the other boys will do it we will let you order them. If you think the plan is worth trying please ask the boys thru the Farmers Mail and Breeze." I certainly should have reason to feel proud if the club members were showing my picture around in such distinguished company, but I suspect that a badge which will be provided all club members who come to the state fair will be ornament enough. Robert's suggestion is appreciated, tho, and if you boys want the button we will see about getting it. Let me know what you think about the plan.

Club members will be glad to learn that Francis Wilkinson, Sedgwick representative who has been ill and in a hospital at Wichita, is much improved in health. Francis returned home Thursday and all of us hope that he soon will be able to look after his fine lot of Duroc-Jersey pigs.

Keep on writing, fellows. I'm always glad to hear from you and if I'm slow about answering your letters just remember that I have more than 100 boys to look after. It's "some family," but I'm mighty proud of the bunch. And now to close with we'll have a cheerful whoop from John Dale Stanley of Macksville, Stafford county: "Hurrah for the Poland China Swine Breeders' association!" shouts John. "I cannot see how anyone can be content to raise raw-boned, long-nosed scrubs when it costs no more to breed Poland China swine. I have been studying about swine since entering the contest and am very much interested in good hogs." All the boys will agree with you, John, altho some will make the breed name sound different.

### Where Hogs Have Won

(Continued from Page 1.)

an average cost thru the year of about \$2 a month. This system has been very satisfactory; however, space is provided in the engine house for an electric light outfit, if it is desired to install one later.

The sales on this farm are held in the main room of the barn. This space is used for general farm purposes, largely for the storage of machinery, for most of the time. During the sales this is moved out, and boards are placed to provide a ring that will hold 225 persons very comfortably. These boards all are marked and have a definite place, and they can be put in place in an hour or two. After the sale is over they are piled, and the space is used for general farm purposes until another sale is held.

Mr. Laptad has worked out some decidedly original ideas on this place. He has shown that there is a profitable place for specialized livestock production on high priced land. The farm is winning because the operating plan is fundamentally sound.

### A Ruptured Colt

I have a horse colt, born April 18; strong colt; looks good, and is doing well. It seems to be ruptured. If treated how should it be done? SUBSCRIBER.

Rupture into the scrotum is an ailment affecting young colts very frequently. In practically all cases the intestines will draw up into the abdomen before the colt is a year old, and without treatment. If at one year the rupture has not disappeared it should then be operated upon by a competent graduate veterinarian. If the rupture has disappeared at one year you should, nevertheless, mention this fact to the castrator because such conditions sometimes cause a little trouble during castration. This trouble may be avoided if the castrator is placed on his guard by a previous warning. Dr. R. R. Dykstra. Manhattan, Kan.

Linon blinds can be cleaned by being laid flat and rubbed with powdered bath brick.

# Lambs are the Highest Ever

**Cattle and Hogs Have Nothing Cheap About Them Either—Despite Poor Wheat Conditions, the Price Drops**

NEW high record prices were made for the year and for May in live-stock last week. Top for native steers was \$9.90, Colorado steers \$9.60, hogs \$10.05, and lambs \$12.45. The top price for lambs is the highest on record, and hogs were the highest except for a short period in 1910. The top on Colorado steers is the highest ever paid for cattle fattened on sugar beet products.

Prices for fat steers advanced 25c to 35c last week, and the market is the highest this year. The advance occurred with receipts fairly liberal, and the condition of the market reflects large demand for beef. Prime steers, both light and heavy weights, sold at \$9.50 to \$9.90. The top was paid for 1,200-pound steers, and 900-pound yearlings sold at \$9.85. Panhandle fed steers sold up to \$9.30. The bulk of all the killing steers sold at \$8.85 to \$9.50. The spread in prices is unusually small for this season of the year, and killers say that there are no cheap cattle on the market. Chicago expects 17,000 cattle Monday, and 8,000 to 10,000 are expected here. Prices now are attractive and feeders are marketing cattle as soon as they show flesh.

Prices for butcher cattle were not notably changed. Some plain yearlings sold at weak prices and the better grades were stronger. A good many mixed yearlings brought \$9 to \$9.50. Veal calves were 25 to 50 cents higher, top \$11.

Demand for the better classes of stock and feeding cattle was active at firm prices. A good many strong weight steers sold at \$8.50 to \$9.10 and stockers up to \$9. Plain stock grades sold slowly.

Hog prices advanced 10 to 15 cents to a new high position for the season, top \$10.05. In the next two days the market turned down 25 to 35 cents and in the last two days all but 10 to 15 cents of the decline from Monday was regained and prices today were the same as the preceding week. The average prices for the week were slightly lower than the preceding week. Receipts have been liberal. The five Western markets received 359,000 hogs, 88,000 more than the week before, the only 10,000 larger than a year ago. The increase is attributed to rains, which delayed corn planting and afforded an opportunity for moving hogs.

For the few winter fed lambs available killers are paying high record prices. Last week the bulk of the wooded fed lambs sold at \$12 to \$12.45, or 35c to 50c above the preceding week, and more than \$1 higher than in any previous year. Clipped lambs brought \$10 to \$10.50, and clipped Texas sheep, \$6.60 to \$8.50, and native ewes up to \$9.35. The other offerings were Texas goats, that brought \$5.50 to \$6.10. Virtually no spring lambs were offered.

Receipts of livestock, with comparisons, are here shown:

	Last week.	Preceding week.	Year ago.
<b>Cattle—</b>			
Kansas City .....	28,550	25,500	21,700
Chicago .....	40,100	39,600	40,200
Five markets .....	105,100	101,900	99,150
<b>Hogs—</b>			
Kansas City .....	65,900	47,575	55,500
Chicago .....	139,500	110,000	135,000
Five markets .....	359,700	271,075	349,600
<b>Sheep—</b>			
Kansas City .....	29,700	45,650	34,650
Chicago .....	56,500	55,000	45,000
Five markets .....	125,000	131,030	116,750

Crop news from Kansas and Oklahoma last week was bad enough to have produced a bull market for wheat under normal conditions, but instead of advancing, prices dropped 5 to 6 1/2 cents for future delivery and closed near bottom levels, with Chicago July off most.

The predominant influence, more than overbalancing the bad crop news, was the abundant supplies of old wheat and the fact that foreigners are buying elsewhere and almost ignoring the offerings from the United States.

Reports from well informed observers indicate that the wheat crop in Central and Southern Kansas has suffered serious loss from Hessian flies and various other causes, and in parts of the area impairment is placed as high as 50 per cent. Elsewhere in the state rains improved prospects somewhat, the majority of estimates on the yield for the entire state are below 100 million bushels, or about two-thirds of a full yield on the area planted.

Further impairment has occurred in Oklahoma owing to green bugs and continued dry weather, and the yield there is expected to fall considerably below last year, when 36 1/2 million bushels was raised.

Reports from Nebraska are more favorable than from any other important winter wheat state. Generous rains fell last week over that state and crop conditions so far have been reported to be promising.

Rains also were general in Kansas, except the Southwest section and a portion of the Northwest area.

Spring wheat territory received beneficial moisture, but temperatures in that area continue rather low, which

keeps the plant from making rapid headway to offset late planting.

With the reduced winter wheat outlook very unfavorable developments in the spring wheat situation could easily start a heavy buying movement in the market, but temporarily all of these factors are outweighed by the big surplus from the last crop, and the abundance of supplies in Canada, Argentina and Australia.

With harvesting of the new winter wheat crop only a few weeks away elevators in the United States and Canada still contain about 95 million bushels more wheat than a year ago, and farm reserves are comparatively liberal, with poor prospects of sufficient foreign demand to absorb this surplus.



About 4 million bushels of Canadian wheat was reported sold for export last week, but sales of domestic grain were insignificant. Complacency of foreign buyers was reflected by a decline of about 7 1/2 cents a bushel in quotations in Liverpool for Manitoba wheat, with declines of 3 1/2 cents in Northern spring and 2 1/2 cents in Western winter wheat.

Broomhall estimates that on April 1 Canada, Australia and Argentina had a total wheat surplus of 320 million bushels, of which the two former countries alone had sufficient grain to supply the United Kingdom for 14 months, without taking anything from the United States, India, Argentina or Russia.

Exports of wheat and flour from the United States and Canada last week, according to Bradstreet's, were 9,865,000 bushels, compared with 10,205,000 bushels in the preceding week and 7,657,000 bushels a year ago.

Broomhall's report of world's shipments last week will probably be around 14 million bushels, compared with 13,594,000 bushels a year ago.

Primary movement of wheat continues liberal. Arrivals at the five important primary markets last week were 3,576 cars, about the same as in the previous week and 42 per cent more than a year ago.

With flour trade the dullest for some time, as a whole, and absence of export outlet there was generally a limited carlot demand for wheat and the unusual feature of increasing elevator stocks during May was witnessed again in Kansas City and in Minneapolis.

Receipts of wheat in Winnipeg last week were 5,551 cars. Prices for July wheat there closed yesterday 5 1/2 cents lower than a week ago.

Foreign inquiry for corn did not enlarge, but a larger Southern demand is apparent and carlot prices in Kansas City are about the same as a week ago.

Liberal Argentina offerings weakened prices in Liverpool moderately. Argentina shipments last week were 1,292,000 bushels, compared with 1,474,000 bushels a year ago. Exports from the United States were 1,090,000 bushels.

Widespread rains delayed completion of corn planting, but a few weeks of favorable weather will enable all of this work to be finished in ample time. Soil conditions are good and a larger acreage is assured.

Hard Wheat—No. 2, nominally \$1.06 @ 1.13; No. 3, nominally \$1.03 @ 1.11.  
Soft Wheat—No. 2, nominally \$1.05 @ 1.07; No. 3, nominally \$1.03 @ 1.08.  
Corn—No. 2 white, nominally 71 @ 71 1/2c; No. 3, nominally 70 1/2 @ 71c; No. 2 yellow, nominally 72 1/2 @ 73c; No. 3, nominally 71 1/2 @ 72c.

Oats—No. 2 white, nominally 46 @ 47c; No. 3, nominally 43 @ 45c; No. 2, mixed nominally 40 @ 42c; No. 3, nominally 38 @ 41c.

Rye—No. 2, nominally 88 @ 89c. Bran—Nominally 91 @ 92c.

Shorts—Nominally \$1.05 @ 1.10.  
Corn Chop (city mills)—New bags, nominally \$1.40.

Seed—Per cwt, alfalfa, \$16.50 @ 18.50; clover, \$12.50 @ 15.00; cane seed, 85c @ 1.00; 2 cars 88c; millet, German, \$1.65 @ 2.00; common, \$1.30 @ 1.45; Siberian, \$1.25 @ 1.40.

Brooms dipped for a minute or two in boiling suds once a week will be made tough and pliable so that their time of usefulness will be greatly lengthened.

# GROW GRAIN - make your FORTUNE



COME to Canada—where the greatest crop per acre in the history of America was raised last year. The total grain yield in 1915 for Western Canada was 960,365,900 bushels, valued at \$797,659,500. This means a revenue of \$937.49 a piece for every man, woman and child living on the land, or an average of

**\$4,000 for Every Farmer - Get Your Share of this Prosperity In the Land of Opportunity**

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Pulls two plows in any soil fit to cultivate—three in stubble. Wide scope of utility. All gears run in oil, enclosed in dust-tight casings, on

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**DENNING TRACTOR COMPANY** Cedar Rapids, Iowa  
10 horsepower at draw-bar—at any speed. Weight 3600 lbs.  
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### AGENTS \$30 to \$50 Weekly MEN AND WOMEN

Sell the New Improved Monitor Self-Heating Iron—the "World's Best"—Nickel plated throughout—Over 750,000 in use. Positively the easiest, fastest selling, Lowest Priced, best known iron made. Binding Guarantee. No experience needed. Big profits for all or part time. Evans, N. Car., sold two dozen on Sat., Mr. Nixon, Vt., sold eight first half day. New low terms. Exclusive territory. Sample free to workers. Write today. The Monitor Sd Iron Co. 721 Wayne St., Big Prairie, O.

### Boys! It's Yours.

**Boys—A Genuine Pump Action Rifle**

**FREE!** This Daisy Repeater is a Real Gun

This is a man's gun as well as a boy's gun, and should not be confused with the ordinary cheap air rifle that you see advertised. It is a real gun. Best of all you can receive one of these dandy rifles free of cost to you. The Pump-Action Daisy, Take-Down Model, operates by pulling the slide toward the stock. Fires rapidly from the shoulder, the magazine having a forced feed. A strong and accurate shooter for man and boy. Metal parts in non-rusting gun blue; stock, genuine black walnut, hand polished; adjustable sights; length 38 inches, weight 3 1/2 lbs.

### FOG, DRIZZLE or DELUGE What matter?

Inside a **FISH BRAND REFLEX SLICKER \$3**

you're always dry and happy.

**A. J. Tower Co.**

### Boys Have One

For small target practice this air rifle is unexcelled. We have 5,000 of these new model repeater rifles to give hustling red-blooded boys. We pay all express charges so it don't cost you a penny. Write us at once for our special free offer. Do it NOW.

**HOUSEHOLD, Rifle Dept. M.B., Topeka, Kan.**



"The Flag of Our Union Forever"

"O, glorious flag! red, white and blue, Bright emblem of the pure and true; O, glorious group of clustering stars! Ye lines of light, ye crimson bars, Unfading scarf of liberty, The ensign of the brave and free!" —Edward J. Prentiss.

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Nothing brightens up the landscape more than the glorious old Stars and Stripes flying in the breeze. We offer a flag any reader will be proud to own, and by buying in large quantities we have made possible the most liberal offer imaginable. The best of material is employed in the manufacture of these flags and the superiority of the workmanship manifests itself in every detail.

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We have purchased a large supply of these flags and while the supply lasts we are going to distribute them among our readers on a most liberal offer. We will send one of these beautiful flags to all who send us \$1.10 to pay for a year's subscription to the Farmers Mail and Breeze. If you are prompt we will also include a year's subscription to Capper's Weekly. New or renewal subscriptions accepted on this offer.

Kindly use the coupon below when sending in your subscription order. Do not delay but send in your subscription order at once before you forget about it. When our present supply of flags is exhausted this offer will be withdrawn.



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Farmers Mail and Breeze, Dept. F, Topeka, Kansas

Dear Sir:—Enclosed please find \$1.10 for a one year subscription to Farmers Mail and Breeze, Capper's Weekly and the flag which I am to receive as a gift with my subscription.

Name, Town, State, R. F. D., Box

It Was a Wet, Cool Week

Old Corn is Hard to Buy at 60 Cents—Hessian Flies and Green Bugs are Numerous in Some Fields

HESSIAN flies and green bugs are hurting the wheat in Kansas and Oklahoma. Weather during the last week has been cool and moist with plenty of rain in most counties. Corn is not doing very well and in many cases the oats are almost nil. Old wheat is selling close to \$1 and corn hovers at 60 cents. Farmers who have salable livestock are taking advantage of the high prices.

KANSAS.

Harvey County—Plenty of rain and spring crops are doing fine but the fly is reported numerous in some wheat fields. All livestock doing fine. Sheep shearing has begun. Wheat \$1; corn 60c; butter 25c; eggs 17c; roosters 10c; broilers 25c.—H. W. Prouty, May 19.

Ellsworth County—Unsettled weather at present. Cutworm is working in early planted corn. Alfalfa is growing nicely. Some fields are ready to bloom. Oats are looking fine for this time of year. There are a great many Hessian flies in the wheat fields.—C. R. Blaylock, May 20.

Osborne County—Weather is cool and cloudy. The ground is thoroughly soaked. Wheat and alfalfa are doing well. Corn is all planted but too cool to grow much. Kafir and roughness are to plant yet. Livestock is on pasture, which is short for this time of year.—W. F. Arnold, May 19.

Clay County—Wheat prospect is poor. Besides being poor in one portion of the county the Hessian fly is doing much harm. The cutworms are bad in early planting of corn. It is so cool nothing seems to be doing well. Lots of moisture at present. Eggs 18c; butterfat 29c.—H. H. Wright, May 20.

Kearney County—Cold and blustery here the last two weeks and not much moisture. Some corn and milo have been planted but the bulk of it is to plant yet. Stock is all on grass but not doing very well. Wheat is small for the time of year. Fat hogs are bringing 98c; eggs 17c.—A. M. Long, May 20.

Sellon County—Rain every two or three days, no lack of moisture. Temperature below normal. Corn up nicely, but sorghums, especially fetterita, will have to be replanted in many fields. Wheat not making as good growth as was expected. Something wrong somewhere. Perhaps it is the fly.—John Holt, May 19.

Shawnee County—Cloudy weather and rain the first of the week. Corn is all planted with not much to replant. Wheat and oats look fine. Alfalfa will be ready to cut the coming week and promises a big yield. All stock is on grass and doing well. Some corn is going to market at 65c; wheat 98c.—J. F. Ross, May 20.

Woodson County—Weather is still wet and cool. Corn planted and 89 per cent of kafir is planted but cane and Sudan yet to be put in. Crops are growing very slowly. Considerable corn is being planted again and some fields show a 70 per cent stand. Potatoes are doing well. Very little cultivating yet.—E. F. Opperman, May 18.

Ottawa County—Hessian fly is damaging hard wheat considerably. Soft wheat is faring much better. Corn is growing very little owing to cold weather. Plenty of moisture here now, but no dashing rains to cover up and wash out little corn. Many farmers hauling wheat to market at \$1 per bushel.—W. S. Wakefield, May 20.

Trego County—Weather somewhat dry and windy to middle of last week. A good rain May 12 and considerable hail. The ground is in fine condition for growing crops but weather is cool, cloudy. Wheat is looking fine and will soon be out in head. Corn is about all planted. Lots of feed to put in yet. Frost last week but did no harm.—W. F. Cross, May 18.

Ford County—Weather warmer with several light showers during the week. We are in need of a good rain for all crops. Ground is getting hard and dry. Corn not a very good stand, and worms seem to do some damage. Alfalfa soon will be ready for the mower. Big tractor show at Dodge City during the week end.—John Zurbuchen, May 20.

Ellis County—Lots of rain and rather cool. Good for wheat and oats but bad for corn. Cutworms taking some of the early planted corn. Some corn yet to be planted. Cane and kafir yet to be planted when the ground dries up. Not much farm work was done last week. Pastures and meadows good. Hogs \$9.25; eggs 18c; butter 25c.—P. O. Hawkinson, May 20.

Washington County—Heavy rains from the 11th to the 14th. About 6 inches fell. Lots of corn is washed out. Some have all to plant over. It is too wet and cool now for gardens and corn. Wheat growing nicely and oats have been helped by the rains. We have not heard of the fly or chinch bugs, and much if any winter killed.—Mrs. H. A. Birdsley, May 18.

Dickinson County—Cool and lots of rain. Corn and kafir about all planted. Corn is up and showing a good stand but not growing well on account of cool, wet weather. Alfalfa is ready to cut. There is a good crop. Most wheat and oats are doing nice-

ly. Some wheat is starting to head. Quite a few hogs have been going to market at \$9.25.—F. M. Larson, May 21.

Decatur County—Have had over 2 inches of rain the last week. Corn planting about finished, first coming up. Cutworms have taken some fields of barley and oats and are still working on the wheat. Pastures are fine. Feed planting will begin next week. There will be some peaches and lots of cherries. Potatoes coming up nicely now.—G. A. Jern, Morcat, May 20.

Republic County—The past week has been cold and rainy, not very good for the germinating of the corn that is in the ground. Some are thin planting, but those that are not will have to wait until the ground dries off. The fly is hurting the wheat very materially, altho the plant is showing good growth since the cool weather. Wheat 88c; corn 58c; butterfat 30c.—E. L. Shepherd, May 20.

Bene County—It is cool and cloudy. Alfalfa is growing and so are the potatoes. Corn is growing slowly and is not a very good color. It looks yellow. Oats are not any bigger than they were six weeks ago. Wheat is growing some but there are a great many flies. A great deal of the wheat has been listed up for corn and broomcorn. We have it cool to work. Old wheat \$1; corn 64c.—D. Engelhart, May 20.

Butler County—Raining and cold, too wet for corn to come up good, some fields will be replanted. Wheat is trying to head but does not look very good. Farmers are beginning to cut first crop of alfalfa. Pastures are good and stock is doing well. Work horses are scarce and high. Fat hogs \$9.25; fat cows 6c to 7c; corn 64c; wheat 95c; oats 45c; hens 12c; butter 24c; eggs 17c.—M. A. Harper, May 20.

Gray County—Wheat is making a fine growth and there is every prospect of another good crop. Oats and barley are not growing as well. More moisture is needed, but the cool cloudy weather is favorable to them. Corn is a good stand and a large acreage planted. Much sod has been broken but ground is rather dry now for that. Corn 60c; kafir 55c; barley 45c; eggs 16c; cream 28c.—A. E. Alexander, May 20.

Sumner County—Alfalfa hay is being cut and is a fair crop. The oat crop is a total loss. Wheat, at best will not make a half crop and some is gone. The corn will all have to be planted or listed over. The green bugs never have been so thick here. They are taking everything. Some are holding back on listing kafir and are hoping they will leave. Wheat \$1.02; corn 65c; kafir 55c; eggs 18c; butterfat 31c; potatoes \$1.35; hens 12c; roosters 7c.—E. L. Stocking, May 20.

Pottawatomie County—A great deal of rain in last 10 days which washed out much listed corn and the ground in spots is baked on top so it prevents corn from coming up. Some will have to replant and fields are too wet to get into now. Where corn is above the ground it shows a fair stand but looks spindling and weak, which is caused by wet weather. Some cutworms also are at work. Oats and wheat look fine. Pastures are good and all stock is thriving.—S. L. Knapp, May 19.

Russell County—Cool, cloudy weather the last week with some rain. Corn planting is finished. Everybody is busy plowing ground for sowed feeds. All stock is doing well. Wheat is doing pretty good, but has considerable Hessian fly in it. Wheat sowed so late that some of it came up until this spring has just as many Hessian flies in it as the early sowed wheat. I have examined it myself and know that there are. Eggs 17c; butter 25c; wheat \$1; corn 75c.—Mrs. Fred Claussen, May 20.

Fawcett County—Continued dry weather has hurt the wheat and makes pastures slow. We need a good rain. Oats are poor. Some report damage by green bugs in the oats. Corn is all listed and early planting is coming up. The stand is good. The cool weather gives the corn a yellow appearance. Alfalfa is fine and will do to cut in about 10 days. Some wheat is going to market at 80c to \$1.05; corn 62c; kafir 50c; eggs 18c; butterfat 26c; butter 18c to 25c; hens 12c.—C. E. Chesterman, May 20.

Cloud County—Corn planting just finished and farmers are trying to prepare ground for sowing of feed. Plenty of rain since May 12. It keeps the ground almost too wet to work, especially the crops. The alfalfa is coming on fine and is almost ready for the first cutting. Wheat is rather uneven and some of it is being listed up and the ground planted to corn. Stock on pasture in good shape. There is considerable prairie hay on hand yet. Old corn is scarce and hard to buy at 60c. More interest than usual taken in poultry.—W. H. Plumly, May 20.

Hamilton County—No rain has done much good yet this month. High winds rapidly drying the ground. Farmers in full swing getting in spring crops, and large acreage planted. Horses and mules sell slow at low prices. Cattle high and in good demand. Fruit will make one-fifth of a crop such as it is. Many new settlers locating in county, taking up the remaining government land. New people will have to either rent or buy deeded land. Rent on farm land is very reasonable, and much pasture land is lying free in the open. Eggs 15c; butter 22c; chickens 11c; frye 20c to 30c; corn in ear 30c to 70c; sheep \$1.10; cows \$75 to \$110; young calves \$10 to \$22.—W. H. Brown, May 20.



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*Partners Three*

(1).....

(2).....

(3).....

(4).....

(5).....

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**PICTURE No. 12**

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(1).....

(2).....

(3).....

(4).....

(5).....

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Orange Girl, The  
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Orchid, The  
Ordered to China  
Ordinary Man and the Extraordinary  
One Deposits  
Organized Labor  
Organ Viewed from Within, The  
Ossential Ray, The  
Original Belle, An  
Original

Out of the Night  
Out-of-Town Pass  
Outsiders  
Overheard at the Zoo  
Overheard in a Garden  
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Over the Hills  
Over the Pass  
Overtones  
Overtones and Fish

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Painter's Progress, A  
Painting  
Paintings of the Last  
Paladin, The  
Panama Gateway, The  
Panther's Cub, The  
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Parson, The  
Parson's Assistant, The  
Paris Nights  
Partial Portraits  
Partners for Fair  
Partners Three  
Pass, The  
Passages from the Past  
Passing of the Dragon, The  
Passing of the Great Guest, The  
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Peace and Happiness  
Peace and the Vices  
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### SILVER CAMPINES.

SILVER CAMPINES—EGGS FROM CHOICE mating \$2.00 per 15, \$5.00 per 50. Free catalog. Stover & Stover, Fredonia, Kan.

### TURKEYS.

M. B. TURKEY EGGS \$2.50 PER 11. OUR turkeys are pure bred and scored. C. E. Smith, Yoder, Colo., R. No. 2.

THOROUGHbred WHITE HOLLAND turkey eggs 20 cts. each. Frank Darst, R. No. 3 Box 17, Fredonia, Kan.

### WYANDOTTES.

PURE SILVER WYANDOTTES, 100 EGGS \$4. Mrs. J. W. Gause, Emporia, Kan.

PURE WHITE WYANDOTTE EGGS 75C setting, \$4-100. Mrs. George Rankin, Fre- donia, Kan.

WHITE WYANDOTTE, EGGS—FARM range 15-75, 100-\$4.00. Mrs. Henry Behrens, Lyndon, Kan.

SILVER WYANDOTTES, PURE BRED. Eggs 75c per 15, \$2 per 50. Mrs. George Milner, Neosho Falls, Kan.

GOLDEN WYANDOTTES, EGGS AND Chicks. Prices reasonable. Mrs. H. O. Mott, White City, Kansas.

WOOD'S SILVER WYANDOTTE EGGS hatch quality birds. Write for mating list. Earl Wood, Grainfield, Kan.

TRY WHITE WYANDOTTES FOR EGGS the year around. Eggs at 15-1.25, 50-3.00, 100-5.00. Andrew Kosar, Delphos, Kan.

DO YOU WANT WINTER EGGS? YES? Then you want Bonnie View White Wyan- dottes. Bonnie View Farm, New Sharon, Kan.

COLUMBIAN WYANDOTTE EGGS OF prize winners \$2.00 utility flock, \$1.00 set- ting also fancy pigeons. J. J. Pauls, Hills- boro, Kan.

SILVER WYANDOTTE EGGS, PLENTY OF them, from extra fine pens. Bargains in a few cocks. Incubator eggs \$5.00 per 100. M. B. Caldwell, Broughton, Kan.

WHITE WYANDOTTES; WINNERS AND layers. Eggs from choice flock \$1.50 per 15, \$7 per 100. Guarantee 9 chicks per set- ting or duplicate at half price. G. A. Wiebe, Beatrice, Neb.

WYANDOTTES.

SILVER LACED WYANDOTTE, EGGS \$5 per 100. Mrs. Alvin Tennyson, Lamar, Kan.

SEVERAL VARIETIES.

EGGS—WHITE ROCKS, BOUFBON RED turkeys, Buff Orpington ducks. Mrs. Chas. Snyder, Bingham, Kan.

UTILITY BARRED ROCKS AT BERMUDA Ranch. Eggs 15-\$1.00, 100-\$4.00. English Penciled Runner ducks eggs 12-\$1.00, 100-\$5.00. Frank Hall, Toronto, Kansas.

YOU GET SIZE AND QUALITY S. C. Black Minorcas, Barred Plymouth Rocks and White Rocks. Eggs \$1.50 per setting, \$5.00 per hundred. W. F. Fulton, Waterville, Kan.

LIVE STOCK

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

10 SHETLAND PONIES. HELENE CLARK, Lecompton, Kan.

ABERDEEN ANGUS BULLS, CHOICE INDIVIDUALS. Alex Spong, Chanute, Kan.

FOR SALE—GALLOWAY BULLS. Address Fashion Plate, Silver Lake, Kan.

FOR SALE—POLAND CHINA HERD BOAR, registered. Geo. Sigs, Garden Plain, Kan.

LARGE YORKSHIRES, FALL BOARS AND gilts for sale. N. E. Hane, Lincolnville, Kan.

NINE REGISTERED JERSEY COWS AND heifers. Excellent un-related bull, Oakland's Sultan 2nd. Percy Lill, Mt. Hope, Kan.

TAKEN UP, THREE BRONCHO MARES, one gray and branded. One bay, and one sorrel. Came March 22. Address L. D. Binns, Scott City, Kan.

FOR SALE: UP-TO-DATE POLAND CHINA pigs and White English bull terrier pups. Buy at weaning time and save express. C. D. Close, Gorham, Kan.

PET STOCK

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FOR SALE—THOROUGHbred SCOTCH collie pups. A. A. Artz, Larned, Kan.

PEDIGREED SCOTCH COLLIE PUPS AND fine brood bitch. Frank Williams, Edgerton, Kan.

BELGIAN HARES

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

BELGIAN HARES, LUTE CARR, GARDEN City, Kan.

BELGIAN HARES, ALL VARIETIES, also pheasant eggs. J. W. Wampler, Garden City, Kansas.

YOU CAN MAKE A LIVING IN YOUR back yard raising Belgian Hares; particulars free. W. G. Thorsen, Aurora, Colorado.

SEEDS AND NURSERIES

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

COW PEAS—NEW ERA, \$2.25 BU. SAM Keller, Caney, Kansas.

COW PEAS, WHIPPOORWILLS, \$1.40 BUS. W. P. Waters, Pyatt, Ark.

WHITE CANE SEED, SOURLESS, \$2.50 per cwt. Chas. H. Redfield, Bucklin, Kan.

CANE SEED, PURE ORANGE 75C A BU.; ask for sample. A. M. Brandt, Severy, Kan.

MILLET SEED, BIG GERMAN \$1.25 A bu.; ask for sample. A. M. Brandt, Severy, Kan.

KAFFIR SEED WHITE AND RED \$1.00 A bu.; ask for sample. A. M. Brandt, Severy, Kan.

CHOICE WHIPPOORWILL COW PEAS \$2.15 bu. sacked, guaranteed. Brooks Wholesale Co., Ft. Scott, Kan.

ACCLIMATED BERMUDA GRASS ROOTS. Bran sack full \$1.00. Six sacks \$5.00. Frank Hall, Toronto, Kan.

DWARF KAFIR, CLEAN AND PURE. Send for sample, \$1.50 per bushel. Gould Grain Co., Dodge City, Kansas.

SPANISH PEANUTS—SOUND, BRIGHT seed. One dollar per bushel, sacked, our track. W. R. Hutton, Cordell, Okla.

NANCY HALL SWEET POTATO PLANTS by the millions \$1.50 thousand. 5000 lots prepaid. J. S. Norman, Bentonville, Arkansas.

HOMEGROWN ALFALFA AND WHITE blossom Sweet clover, fancy and choice. Write for samples and prices. Asher Adams, Osage City, Kansas.

CANE SEED, RECLEANED, CHOICE, high germination. Orange 65c, Sumac or Red Top 75c per bu. Choice Black cap white kaffir 75c per bu. W. E. Doud, Eureka, Kan.

FOR SALE—SWEET POTATO PLANTS, Yellow Jersey, Red Jersey, Black Spanish, Red Bermuda and Southern Queen at \$1.25 per 1000, ready May 1st. Jno. R. Blevins, R. 6, Box 16, Lawrence, Kan.

SWEET POTATO PLANTS, YELLOW JERSEY \$1 thousand. All other kinds \$1.25 thousand. Tomato plants \$2.50 thousand, 50c hundred prepaid. Give railroad. D. Childs, R. F. D. 27, Topeka, Kan. Phone 3751K2.

BROOM CORN SEED JAPAN DWARF, bought from Ashbrook Seed Co. last season. Good re-cleaned seed \$1.50 per bu. Chas. Geist, Aline, Okla.

SWEET POTATO PLANTS, RED BERMUDA, Yellow Jersey, \$1.25 thousand by express. 25c hundred prepaid. T. F. Pine, Lawrence, Kan., R. No. 3.

FOR SALE—POTATO VINES AND PLANTS, Nancy Hall, Porto Rico, Triumph, Pumpkin Yam 75 cts. per thousand. J. Q. Dorris Co. Plant Farm, Valdosta, Ga.

MILLET SEED, I HAVE A QUANTITY of choice German millet seed for sale. Re-cleaned and fine. Ask for samples and price. E. A. Fulcomer, Belleville, Kan.

POTATO PLANTS—PUMPKIN AND DOOLEY. True to name, properly packed, promptly shipped. \$2.00 per thousand prepaid mail or express. Satisfaction guaranteed. J. Forsman, Riviera, Texas.

POTATO PLANTS—SOUTHERN QUEEN, Yellow Yam, Pink Yam, Nancy Hall, Mississippi Yam, Georgia Yam, prepaid by parcel post. 200-50c, 500-\$1.15, 1000-\$2.25. Safe delivery guaranteed. Large quantities, low prices, according to variety. Ozark Nursery, Tahlequah, Okla.

SWEET POTATO PLANTS, LEADING VARIETIES; over 10 million Pumpkin and Dooley; 1000 \$1.75, 5000 and over \$1.60. We guarantee plants. Avoid worthless plants. Buy from us. We had years of experience and ship the best. Satisfied customers. Sinton Plant Co., Box 154, Sinton, Tex.

PLANTS—EARLY, SUCCESSION AND LATE cabbage 25c per 100, \$1.50 per 1000. Tomato—E. Tree, Dwarf Champion, Kansas Standard, Stone and Matchless 30c per 100, \$2.50 per 1000. Sweet potato—Yellow Jersey and Yellow Nansemond 17 1/2c per 100, \$1.25 per 1000. Red Bermuda, Southern Queen, Nancy Hall and Pride of Kansas 20c per 100, \$1.50 per 1000. Hot Pepper and Egg Plant 10c per 12. 5c extra if sent by parcel post. F. P. Rude, North Topeka, Kansas.

NANCY HALL SWEET POTATO PLANTS and Newtown, Redrock, Junepink, Earliana tomato plants \$2.00 thousand. Wakefield, Flatdutch, Allhead, Drumhead cabbage plants \$1.25 thousand. All 5,000 lots prepaid. Any kind potato—40c hundred; \$1.00 three hundred; \$1.40 five hundred. Capacity million weekly. Quantity orders solicited. Quick shipment. Catalog free. Acme Plant Company, "Largest Southwest," Bentonville, Arkansas.

CANE SEED 70 CENTS, IN 20 BU. LOTS or more. Smaller lots 75c. Red Top (sumach) cane seed has more leaves, does not sour so badly, stands up good, sows farther, and best for feed. Orange and Red Amber same price. Large German millet \$1.20. Red Kafir 80c. White Kafir black chaff 80c. Whippoorwill cow peas \$2.40. All per bushel, re-cleaned, our track. Jute bags 15c, seamless grain bags 25c each. Enclose money order or bank draft with your order. The L. C. Adam Mercantile Company, Cedar Vale, Kan.

PLANTS, TOMATOES—EARLY KANSAS Standard, Early Tree, Early Dwarf Stone, Early Dwarf Champion, Beauty, New Stone, Matchless, Sparka Earliana 25c-100, \$2.00-1000. Cabbage—Early Jersey Wakefield, Early Winningstadt, Charlesons Wakefield, Early Summer, St. Louis Market, Succession, Early Flat Dutch, Late Flat Dutch, 25c-100, \$1.50-1000. Pepper—Ruby King, Chinese Giant, Cayenne Long Hot, 40c-100, \$3.00-1000. Sweet potatoes—Dooley Yams, Southern Queen, Pride of Kansas, Nancy Hall, Red Bermuda, Yellow Jersey, Yellow Nansemond, Triumph, 25c-100, \$1.50-1000. Black Spanish and Vineless \$2.00-1000. Not prepaid. John Patzel, 501 Paramore St., N. Topeka, Kan.

FOR SALE—12 H. P. HUBER ENGINE, 18 in. Appleton silo filler. E. W. Lovett, Ottawa, Kan.

14 H. P. N. S. STEAM ENGINE 32x52. Red River special separator for sale or trade for auto, must be good. Geo. Rogge, Paxico, Kan.

A BARGAIN—ONE 13 HORSE POWER Garr-Scott traction engine and water wagon. One Ann Arbor hay press. W. M. Dice, Tecumseh, Kan.

RUMELY OIL PULL TRACTOR, GUARANTEED to burn coal oil, Rumely 30 in. separator. Emerson 7 disc engine plow. Outfit nearly new. Will sell or trade. J. E. Wilcox, Bancroft, Kan.

FOR SALE—JOHN DEERE TEN BOTTOM engine plow. Steel water tower 80 ft. high. 4 Davenport roller bearing wagons with 150 bushel bed, ten thousand pounds capacity. Forsha Ranch, Hutchinson, Kan.

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WANTED—FARMS AND RANCHES! OWNERS send description. We have cash buyers on hand. Don't pay commission. Write Up-to-Date Realty Exchange, La Salle, Illinois.

FOR SALE—A GOOD BLACK SANDY loam, quarter section 5 miles north of Ensign, 90 a. in wheat, looks good, balance grass, well and two room house; 1/2 wheat goes in stack. Price \$35 per acre, 1/2 down, bal. terms. Write Owen, Box 67, Dodge City, Kan.

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BEEES AND HONEY

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ITALIAN BEES FOR SALE. A. H. DUFF, Larned, Kan.

CREAM WANTED

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CREAM WANTED—THE INDEPENDENT Creamery Company of Council Grove, Kansas, buys direct from the farmer. Write for particulars.

PATENT ATTORNEYS

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

PATENT WHAT YOU INVENT. IT MAY be valuable. Write me. No attorney's fee until patent is allowed. Estab. 1882. "Inventor's Guide" free. Franklin H. Hough, 519 Loan & Trust Bldg., Washington, D. C.

TANNING

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

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

HELP WANTED

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\$75.00 MONTH. GET GOVERNMENT JOBS. Men and women wanted. List of positions obtainable free. Franklin Institute, Dept. K 48, Rochester, N. Y.

MEN AND WOMEN WANTED EVERYWHERE. Government jobs. \$70 month. Short hours. Vacation. Big chance for farmers. Write immediately for list of positions now obtainable. Franklin Institute, Dept. K 51, Rochester, N. Y.

AGENTS

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

WILL \$120 A MONTH WITH AUTOMOBILE furnished free interest you? Answer quick. Secure valuable agency. Guaranteed auto necessities. Tremendous sellers. Quick repeaters. Remarkable money makers. J. G. Rayburn Co., 181 N. Dearborn, Chicago.

MALE HELP WANTED

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

GOVERNMENT FARMERS WANTED. \$60 to \$125 monthly. Free living quarters. Write Ozment, 38F, St. Louis.

GOVERNMENT JOBS OPEN. \$90.00 month. List free. Franklin Institute, Dept. K 51, Rochester, N. Y.

MOLER BARBER COLLEGE. OLDEST and cheapest. Men wanted. Write for free catalogue. 514 Main St., Kansas City, Mo.

SALESMEN WANTED FOR FRUIT AND ornamental trees. Experience unnecessary. Outfit free. Pay weekly. Carman Nursery Co., Lawrence, Kan., Dept. A.

WANTED. RAILWAY MAIL CLERKS, clerk-carriers, and rural carriers. I conducted examinations. Trial lesson free. Write, Ozment, 38 R, St. Louis, Mo.

WANTED SALESMAN—WE ARE ENLARGING our sales force in the West and can use you if you are wide awake. \$10.00 a day and use easily made on your own sales and more if you hire and teach others to work for you. You double your money on each sale. Experience unnecessary. No traveling. Exclusive territory. Write today. United Vacuum Sweeper Company, 1315 W. Congress, Chicago, Ill.

MISCELLANEOUS

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

HAIRDS CURED OR MONEY BACK. Bairds Heave Remedy is guaranteed. Write Baird Mfg. Co., Box 601, Purcell, Okla., for particulars.

SUITS \$3.75. PANTS \$1.00. MADE TO MEASURE. For even a better offer than this write and ask for free samples and styles. Knickerbocker Tailoring Co., Dept. 451, Chicago, Ill.

EXPERIENCED

# BIG BARGAINS IN REAL ESTATE

Dealers whose advertisements appear in this paper are thoroughly reliable and the many bargains are worthy of your consideration

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

**OIL AND GAS LEASES.** Farms and ranches. C. W. Harvey, El Dorado, Kan.

**SNAPS.** 80 and 160, 3 mi. out; fine imp. Possession. Decker & Booth, Valley Falls, Kan.

**PROSPEROUS** Meade County, Land, 112 and up. No trades. Write J. A. Denslow, Meade, Kan.

**CHASE CO. RANCHES** and grass land for sale only. No trades. Webb & Park, Clements, Kan.

**FOR SALE.** 640 a. unimp. Kan. wheat land, N. E. corner Logan Co., near railroad. \$20 per a. J. E. Tannehill, Garden City, Mo.

**RIO GRANDE** Valley Irrigated alfalfa land, half price. Kan. and Colo. wheat lands, \$5 up. Morris Land Co., Owner, Lawrence, Kan.

**FOR SALE,** 160 acres Finney County, Kan., shallow water 15 feet. Wheat, oats, alfalfa and sugar beet land. Mile to station. Price only \$20 per acre. H. H. Hyde, Owner, Gloyd Building, Kansas City, Mo.

**FOR SALE:** 80 acres, joins the city of Wichita; all level and every foot alfalfa land. Nothing as good around it at \$200 per acre. Price for a short time only \$125 per acre. There is a mortgage company loan on this; \$5000 long time 6%. Wright & Edminster, 415 Fourth National Bank Bldg., Wichita, Kan.

**320 A.** Scott County Cream, right close to town with 3 elevators, all good. Will offer for 30 days at \$17.50 per a., terms on \$2,000 at 6%.

**160 a.,** every a. fine. 120 a. in cultivation and in crop. Good small improvements. If sold by June 10th, share of crop to purchaser. Price \$3500.

**IMPROVED FARMS** for sale in German Catholic and Lutheran settlement. Write Jake Brown, Olpe, Kansas.

**160 A., 2 MI. OUT,** \$30 a. 80 acres 4 mi. out, \$50 a. Other bargains. Terms. McCarty, La Crosse, Kansas.

**VERY FINE** 800 acre wheat and stock ranch, 6 mi. out; highly improved. If sold by June 1st, 1/2 of wheat goes with sale. Snappy price for 30 days. Send for list of 60 fine farms. Buxton & Rutherford, Utica, Ness Co., Kan.

**70 ACRES** one mile of pavement, Ottawa, Kansas, 7 room house, extra fine, large barn, other splendid improvements, everything up in splendid condition. Owner wishes to sell on account of business opportunity. Write for full description and view of improvements. Mansfield Land Company, Ottawa, Kansas.

**FOR SALE:** 640 acres, a square section, all tillable, smooth land in Lane county, Kan. All the best quality of black loam soil, free from defects. 440 acres in cultivation, 200 acres of it sod, just broken, 100 acres now in wheat; no improvements, best bargain in Kansas, at \$15 per a. Terms on part. A. J. Bellport, Jr., Wichita, Kan.

**160 A., 8 MI. TOWN,** good blue stem grass, \$20 per a. Good 1/2 sec. 7 mi. town, 120 in cultivation, bal. pasture. Some improvements; \$9500. Good terms. 320 a. fine level land, 11 mi. town, \$22 per a. 320 a. 14 mi. town, \$15 per acre. 1/2 sec. 5 mi. town, 2 sets improvements, half in cult. 3 fine 1/2 sec., all could be cultivated, \$22 per a. Easy terms; could be sold separately. Fine bottom land, 1/4 mi. town, \$85 per a. 160 a. 7 miles Brownell, \$15 per a. 320 a. 9 miles Ogallah, \$15 per a. We have many other farm lands and ranches for sale. Write us what you want and we will find it for you. Western Real Estate Co., Ellis, Kan.

**A RUSH COUNTY, KANSAS, SNAP.** 160 acres, 150 acres in wheat, share with place, good location; no improvements, only \$5,000. Terms. Write Jas. H. Little, La Crosse, Kansas.

**SELL LAND AND LOTS AT AUCTION.** It is the surest, quickest, most successful method, proven by hundreds of auction sales this season. For terms, etc., write LAFE BURGER, LAND AUCTIONEER, Wellington, Kan.

**WHEAT LANDS FOR SALE.** A few choice wheat farms in Rush Co., Kan., can be bought with a small cash payment; bal. on wheat plan. Write for particulars. Schutte & Newman, La Crosse, Kansas.

**A REAL BARGAIN.** 273 a. good smooth land, 100 a. bottom, 2 sets improvements; good 3 room house, big barn, 10 a. bearing orchard; 1/4 miles to good R. R. town. Part cash, bal time; easy terms. Worth \$60, price \$45. Salter Realty Co., Wichita, Kan.

**MODERN BOTTOM FARM, CLOSE IN.** 30 acres, 2 1/2 mi. from Washburn college. Buildings new; 5 r. house, large barn, 2 silos, Fairbanks scales, gasoline engine. Everything in first-class condition. Easy terms. Possession any time. Price \$8,000. Stephenson & Webb, Topeka, Kan.

**Chase County Stock Ranches** If you handle stock send for list of stock ranches. Our grass puts the fat on the steer in the summer, and our farm lands grow the tall corn and alfalfa to finish him in the winter. WRITE NOW. J. E. Bockock & Son, Cottonwood Falls, Kan.

**160 A. WELL IMP.,** 100 cult.; 15 alfalfa, bal. pasture. Creek bottom. No overflow. \$160 income, gas rental. \$45 a. J. W. Showalter, Altoona, Kan.

**Rooks County Farm** 240 a., 180 a. cult. Six and a half miles from county seat. 7 room house; barn 28x44 with shed 14x28. Cattle shed 32x32; chicken house; buildings 4 years old. \$45 per a. A. L. Graham, Stockton, Kan.

**640 Acres—\$6.25 per Acre** Well grassed pasture land, 15 miles from Liberal. No improvements. Bargain at price. Terms, too. Do you want our list of choice farms? Griffith & Baughman, Liberal, Kan.

**DIRT CHEAP** 160 a. in German settlement, smooth, level, raw land. Price \$17.50 per a., \$1,800 cash, bal. 3 yrs. 6%. Best bargain in country; good soil—fine crops. Don't write, but come at once. Coons & Jacobs, Plains, Kan.

**TREGO COUNTY GUARANTEED LAND.** Wheat, corn, hogs and cattle leading products. Some real snaps. \$18 to \$40. Write for particulars. E. D. Wheeler, Wakeoney, Kansas.

**80 ACRES ONLY \$500** Wilson Co., Kan., 60 a. cult., 20 a. past., good bldgs.; 100 hens, cow, 2 sows, share crop, goes; only \$500; terms; \$500 holds it; no interest. R. M. Mills, Schweiter Bldg., Wichita, Kan.

**SCOTT COUNTY** 160 a. level, near Modoc; close to school. 70 acres wheat; \$15.00, terms. Improved farms, ranches, alfalfa land. E. H. CRABTREE, Scott City, Kansas.

**Stevens Co., Kansas Special** 160 acres 4 miles S. of Moscow; nice smooth land. Sandy loam. The farm across the road made 40 bushels of wheat per acre in 1915. A snap; \$2000.00. Moscow Land Co., Moscow, Kansas.

**These Good Rains** mean big crops, and advanced land prices. Buy while you can secure good wheat farms, every foot smooth and tillable at from \$9 to \$17.50 per acre. Write for list and literature. Setanta Land Co., Setanta, Kan.

**RANSOM** Is located on the famous Dutch Flatts in the center of a fine agricultural district in Ness County, Kansas. The country is developing rapidly, but I can still sell land at from \$10 to \$35 per acre. V. E. West, Real Estate Dealer, Ransom, Kan.

**FOR SALE OR EXCHANGE**

**TRADES EVERYWHERE.** Exchange book free. Bersie Agency, El Dorado, Kan.

**SPECIAL bargains.** Ozark farms and ranches sale or trade. J. H. Engelking, Diggins, Mo.

**160 A. IMP.,** well watered; 130 a. cult. Merchandise. Weaver & Son, Deepwater, Mo.

**E. KANSAS farms** in Catholic settlements. Exc. Frank Kratzberg, Jr., Greeley, Kan.

**CALIFORNIA** property exchanged for Middle West, city or country. Wilson-Wilson, 728 Story Bldg., Los Angeles, Calif.

**208 ACRES** Anderson Co., Kan. Improved; to exchange for clear land or income property. J. F. Ressel, Colony, Kansas.

**TO TRADE—Good** 160 a. in Hamilton Co., Kan. Submit proposition, giving price, etc. Haines & Conner, Hutchinson.

**TWO 40-A.,** two 80 a. and one 140 a. Improved farms Washington Co., Ark. Want mds., trade all or separate. Box 84, Springdale, Ark.

**ARK-OKLA. INV. CO.,** Siloam Spgs., Ark., sell and exch. real estate, mds., and other property. Describe what you have and want.

**IF YOU want to buy, sell or exchange lands** or city property, any place, write us, we can put 'em over. T. C. Follard & Co., 1009 Commerce Bldg., Kansas City, Mo.

**160 A. in Marshall Co.;** 130 cult., bal grass. Good imp. 190 a. Inc. \$4400. Long time at 6%; want cheaper land or city property. A. A. Murray, Westmoreland, Kan.

**CATTLE RANCH.** 760 acres, 100 cult., rest grass. Well watered; improved; 2 silos; \$26,000. Mortgage \$9,000. Want smaller farm. Landrith & Bradley, Buffalo, Kan.

**160 ACRES** near Artesia, Pecos Valley, New Mexico. Clear of encumbrance; unimproved; artesian well district; all alfalfa and orchard land. Want Kansas or Missouri land, or Merchandise. Casida & Clark, Ottawa, Kansas.

**327 ACRES** in Adrian County, Mo. 250 a. in cult., bal. blue grass pasture, highly improved; good state of cultivation; well located, want to exchange for land in Central Kansas. For further particulars address Bardwell & Bardwell, Manhattan, Kan.

**ATTENTION HOMESEEEKERS!** 100 farms for sale. Land that has averaged production of from ten to thirty per cent of its value per year for ten years. If interested address The Benton & Hopkins Investment Co., Oberlin, Kansas.

**Lyon County Farm** About one section, near Emporia, seventy acres in alfalfa, fine grass, good water and good buildings; combination farm. Will take smaller farm or good rental property as part pay. Write Owner, Box 24, Olpe, Kansas.

**FARM BARGAIN** 280 acres, 3 miles good town, 80 miles Kansas City, all tillable, 130 a. in cultivation, 40 a. native meadow, 60 a. pasture, 7-room house, frame barn 30x40, and out bldgs., near school and church, 2 good wells, living spring, the best bargain in East Kan. Price \$47.50 per a. Earl E. Sewell, Garnett, Kan.

**Santa Fe R.R. Lands** We have good propositions for the man with \$100, as well as the man with \$100,000. Large and small tracts, improved and unimproved. Terms, cash or easy payments. Low interest rates. Santa Fe Land Co., Hugoton, Kansas.

**320 Acres** 1 1/2 miles of Marienthal, Wichita Co., Kansas. Good house and barn; well and windmill in sheet water district with enough water to irrigate whole tract. Will sell for \$25 an acre and will carry \$3200.00 back on place. Write and tell me your wants. C. A. FREELAND, Leoti, Kan.

**PUBLIC SALE** A fine 893 acre Kansas farm. SATURDAY, JUNE 3, 1916. At 2 o'clock P. M. This farm is 5 miles north of Colony in Anderson Co., 100 miles S. W. of K. C. on A. T. & S. Fe. 4 room house, new barn and other improvements; good well, good shade, and lawn. 60 acres in cultivation, 30 meadow, 213 a. fine blue grass pasture fenced and crossed; valley land, black limestone soil. Farm fronts south adjoining fine stock ranch of Fred Bessel, surrounded by fine homes and prosperous farmers. Take a day off and attend. This farm will sell to the highest bidder; \$1000 cash, balance arranged at sale. For information write Burnett Bros., Colony, Kan., Auctioneers. Parties coming on trains furnished auto service to and from the farm. Other farms at \$50 to \$75 acre.

**OKLAHOMA** OKLA LANDS. 40 to 500 a. tracts. Write for list. Roberts Realty Co., Nowata, Okla.

**FARMING,** pasture, oil and gas land, \$3 to \$15 a. J. E. Cavanagh, McAlester, Okla.

**FINE CORN,** wheat, alfalfa and wild grass land in fine prairie country. Fine climate. \$15 to \$75 per a. Illustrated folder free. E. G. Eby, Wagoner, Okla.

**FARM HOMES** in the corn, fruit and alfalfa belt of Oklahoma, \$10 to \$30 per acre. Pure water. Good terms. Free list and map. Perry DeFord, Oakwood, Okla.

**WHY PAY \$150** an acre for Missouri, Iowa and Kansas land, when you can buy just as good farm lands for 1/2 or less? Big oil and gas field. J. W. Davis, Ada, Okla.

**160 ACRES,** 1/2 mile out, 60 cultivated, 100 tillable, house, barn, bearing orchard, good water, some timber. Price, \$15 per acre, for quick sale. L. Pennington, Oakwood, Okla.

**160 ACRE DAIRY FARM,** 3 room house, inexhaustible supply soft cool water. Windmill. 2 silos, good land, good market butter and milk. Stock, machinery, etc., if desired. 1/2 cash, balance 6%. Charles Whitaker, Eufaula, Okla.

**60 A. 1/2 MI CITY** 3,500 THIS CO. All bottom, all tillable, no overflow. 35 a. cult. \$28 per acre. Terms. Southern Realty Co., McAlester, Okla.

**Oklahoma Land For Sale** Good land in Northeastern Oklahoma; price from \$20.00 to \$35.00 per acre. Write for price list and literature. W. C. Wood, Nowata, Okla.

**Dewey, Washington Co., Okla.** Located in a splendid oil, gas and agricultural country. Has two steam railroads, one electric interurban, water works, sewer system, electric lights, natural gas, paved streets, free mail delivery, manufacturing plants, two National banks, splendid schools, the best county fair in the state and three thousand live energetic citizens. Want more folks like those already here. For information, write Joe A. Bartles, Dewey, Okla.

**COLORADO** SMOOTH 160 FOR \$1250. 2 improved quarters \$2500 each. 160 improved with 240 relinquishment adjoining. \$4,000.00. Allison, Rye, Colorado.

**640 ACRES,** gently rolling, all plow land, splendid soil, one and one-half miles Cheyenne Wells, County Seat, exceptional bargain \$10 per acre; half cash, balance to suit. Cheyenne County Land Company, Cheyenne Wells, Colorado.

**MR. FARMER AND RENTER:** Why delay buying a good ranch when we can sell you improved land in the rain belt in Elbert County, Colorado, which will produce as much as Central Kan. \$450 down, balance 5 years six per cent. Write for literature; better still COME AT ONCE. H. F. Varies, Pueblo, Colo.

**320 HOMESTEADS** Government land is all taken. I have now four 320 acre homestead relinquishments. Good. \$550 to \$1500 each. Cash. Improved. Write now. E. T. Cline, Brandon, Colo.

**Farms and Ranches** I have a few of the best and cheapest farms and ranches in the BEST of Colorado—four counties—160 to 1920 acres. We have the climate, soil, crops, rainfall, schools, people and we will not and cannot be undersold. Get the facts and references NOW. E. T. Cline, Brandon, Colo.

**WILL EXCHANGE** 80 acres in Lafayette Co., Mo., all improved, about 60 acres under the plow, only about 35 miles east of Kansas City, Mo. Price per acre \$110.00; incumbrance \$5000.00 5 1/2% interest. Want wheat farm not too large. Write me. H. Clay Bowsher, 4050 Broadway, Kansas City, Mo.

**Ranches For Trade** 42,000 acres improved ranch Southwest Texas \$210,000. 14,000 acres improved ranch Southwest Texas \$8 per acre. 6000 acres Southwest Texas \$10 per acre. 26,000 acres and improved New Mexico \$330,000; and many other large and small tracts. H. H. HYDE & COMPANY, Gloyd Bldg., Kansas City, Mo.

**200 ACRES** On the Bay of Galveston, well improved, all under irrigation, rice and fruit land. \$55 per a. Will exchange for Kan. land. 80 a. well improved, 40 a. apple orchard, 4 a. peaches, some small fruit, 2 miles from Gentry, Benton Co., Ark. \$9,000. Will exchange for west Kan. land. Some fine clear homes in Wichita to exchange for land. 287 acres in Cass Co., Texas, improved, 178 acres cult., bal timber, \$25 per a., will exchange for Kan. land. Live Wire Realty Co., Wichita, Kansas.

MISSOURI

RESIDENCE and 40 a. unimproved, \$2,700. Mtg. #475. S. W. Land Co., Fairplay, Mo.

40 A. Improved, close in, \$600; \$300 cash. Terms. Fellers Realty Co., Flemington, Mo.

\$20 A. fine stock and grain farm, well located. Well impr. Price \$55 per acre; terms. Canterbury & Canterbury, Butler, Mo.

SMALL farms in S. E. Mo. and Central Ark. near R. R. and good market. Price and terms to suit. G. A. Long, Williamsville, Mo.

HAVE some fine dairy and poultry farms on easy terms with small payments down. Write for booklet on this country and exchanges. J. A. Wheeler, Mountain Grove, Mo.

POOR MAN'S CHANCE—\$5 down, \$5 monthly, buys 40 acres good land, near R. R. town; some timber; price \$200. \$10 monthly buys 80 a. Write for list Box 425-O, Carthage, Mo.

TEXAS

BARGAINS, because of liquidation in lands. C. L. Wakefield, Trustee, Republic Trust Company, Dallas, Tex.

A SNAP. 430 a., imp. 200 in wheat. Land and location choice. \$15 a. \$1300 cash, bal. easy. J. N. Johnson Land Co., Dalhart, Tex.

BARGAINS IN FARMS AND RANCHES, improved and unimproved, Midland, Upton and Glasscock counties; 70,000 acres for sale right. Henry M. Half, Owner, Midland, Tex.

RANCH BARGAINS

10,000 acres Culberson County, Texas, grass knee high. \$2.00 bonus; 45,000 acres Reeves County, \$2.50 bonus; 6000 acres Webb County \$3 per acre. 33,000 acres Terrell County \$1.25 per acre and many other large and small tracts.

H. H. HYDE & COMPANY, Gloyd Building, Kansas City, Mo.

NEBRASKA

480 A. best Nebraska wheat land \$25 acre. Yields 35 bushels to acre. Buy direct from owner. Write J. M. Swenson, Sidney, Neb.

808,812 BUSHELS OF WHEAT 1915. Free booklet of Cheyenne County Neb. Greatest wheat section. Land \$10 acre, up. D. R. Jones, Sidney, Neb.

FOR SALE. Improved 1400 acre ranch located 1 mile from good town on main line U. P. R. R. in Cheyenne Co., Neb. Price \$17.50 per a. Write for our illustrated booklet. H. C. Casselman, Sidney, Neb.

FINE LITTLE RANCH—480 a., 200 fine cult., bal. fine pasture, well fenced; ample bldgs., good condition. Station 6 mi. McCook, Neb. (Pop. 4,000), 11 mi. good roads, School 1 1/2 mi.; phone and R.F.D. Best small ranch in county. \$25 per a., 1/4 cash, bal. any time desired. 5%. No trades. Write R. A. Simpson, Owner, Blue Hill, Neb.

ARKANSAS

ARKANSAS LANDS. All kinds for hogs and cows, H. Hall, Waldron, Arkansas.

1000 A RIVER FARM, 80 bu. corn per a. \$30,000. Terms. Holman Real Est. Co., Little Rock, Ark.

FOR SALE. \$9 a., 1 1/2 miles out, well imp. 7 a. orchard. Bargain \$3500. 10 a. tract for auto. Foster & Austin, Gravette, Ark.

STOCK FARM; 400 A.; \$20 BOTTOM. Rich, level, no rock; wheat, oat, corn, alfalfa, Bermuda grass land, 80 upland; fine for peaches, apples, berries, 105 cult., all tillable. 2 sets imp. \$3,000. Bahner & Co., Conway, Ark.

ARIZONA

COME TO CASA GRANDE, Ariz., and take a new lease on life. Climate unsurpassed—best and cheapest place to raise alfalfa, fruit, olives, hogs and cattle. Bountiful water supply. Good land cheap. Geo. W. Burgess, Casa Grande, Ariz.

MONTANA

OUR BOOKLET FREE. 80 to 320 a. tracts. Fine stock ranches. Western States Land & Development Co., Helena, Mont.

FARM LOANS

FARM AND CITY MORTGAGES a specialty. Write us if you wish to borrow. Perkins & Co., Lawrence, Kan.

NEW YORK

305 ACRES; 27 cows; big house, fair condition. 3 barns, two with basements. Patent stanchions; silo; watered fine at barn and house. For a quick buyer only \$7,000; \$2,500 cash, bal. time at 5% interest. Write for details of this and other farms. Hall's Farm Agency, Owego, Tloga Co., N. Y.

WISCONSIN

30,000 ACRES cut-over lands; good soil; plenty rain; prices right and easy terms to settlers. Write us. Brown Brothers Lumber Co., Rhinelander, Wis.

Handsome new style genuine coral necklace, very stylish, sent free with a 4-months subscription to Household Magazine at 10c with 5c extra for mailing expense. Satisfaction guaranteed. HOUSEHOLD MAGAZINE, Dept. C. H. 14, TOPEKA, KAN.

WHAT BREEDERS ARE DOING

FRANK HOWARD, Manager Livestock Department. FIELDMEN.

A. B. Hunter, S. W. Kansas and Okla., 128 Grace St., Wichita, Kan. John W. Johnson, N. Kansas, S. Neb. and Ia. 820 Lincoln St., Topeka, Kan. Jesse R. Johnson, Nebraska and Iowa. 1937 South 16th St., Lincoln, Neb. C. H. Hay, S. E. Kan. and Missouri. 4204 Windsor Ave., Kansas City, Mo.

PUREBRED STOCK SALES.

Claim dates for public sales will be published free when such sales are to be advertised in the Farmers Mail and Breeze. Otherwise they will be charged for at regular rates.

Shorthorn Cattle.

June 16—S. S. Spangler, Milan, Mo.

Poland China Hogs.

Oct. 18—Fred G. Laptad, Lawrence, Kan. Oct. 20—Peter Luft, Almena, Kan. Oct. 21—J. F. Foley, Oronoque, Kan. Oct. 25—Smith Brothers, Superior, Neb. Oct. 31—A. J. Swingle, Leonardville, Kan. Nov. 1—J. L. Griffiths, Riley, Kan. Feb. 24—C. F. Behrent, Norton, Kan.

Duroc-Jersey Hogs.

Oct. 18—Fred G. Laptad, Lawrence, Kan. Oct. 17—F. J. Moser, Goffs, Kan. Nov. 2—Lant Bros., Dennis, Kan. Feb. 2—J. H. Proett & Son and H. J. Nachingall & Son, Alexandria, Neb. Feb. 8—W. T. McBride, Parker, Kan. Feb. 10—W. W. Jones, Clay Center, Kan.

Hampshire Hogs.

Feb. 27—Carl Schroeder, Avoca, Neb.

S. W. Kansas and Oklahoma

BY A. B. HUNTER.

In the real estate section of this issue may be found the card announcement of Col. Lafe Burger, real estate auctioneer, of Wellington, Kan. Col. Burger has sold a very large number of farms at auction and without exception has secured a better price for the farm than the owner had been able to get offered for it before the sale. If you are interested in this line of work, write Col. Burger, Wellington, Kan., and mention Farmers Mail and Breeze.—Advertisement.

Robison Buys Herd Bull.

J. C. Robison, the well known Percheron breeder and importer of Towanda, Kan., recently purchased in New York the grand young Holstein bull, Fairmount Duke Alcartra to head his herd of Holsteins. On his trip east Mr. Robison also bought a carload of registered females and 150 high grade cows and heifers. His new herd bull is sired by the noted King Segis Pontiac Alcartra. This bull sold for \$50,000, making him the highest priced animal of the breed. He is also sire of three bulls that have sold for \$10,000 or more each. Mr. Robison says his new herd bull cost him a lot of money but it is his ambition to maintain a herd of Holsteins that will compare favorably with the high class of Percherons which he has always kept on his farm. Fairmount Duke Alcartra's dam is a 26 pound 4-year-old daughter of the Pearl of the Dairy's Joa De Kol. His five nearest dams have records that average 31.01 pounds of butter in seven days. Mr. Robison has about his usual number of Percherons on the farm and will keep from 150 to 250 high grade Holsteins for sale at all times. Interested parties are requested to write him for further particulars. Please mention Farmers Mail and Breeze when writing.—Advertisement.

N. Kansas, S. Nebr. and Ia.

BY JOHN W. JOHNSON.

Carl F. Smith, Cleburne, Kan., breeds Spotted Poland Chinas and has for immediate sale four fall yearling gilts which will be bred for September farrow. They are well spotted and are extra choice. They will be priced right to sell them. Also spring pigs at 10 weeks old. Everything is out of big, prolific sows and has been well cared for. Everything at farmer's prices. Look up the advertisement in this issue of the Farmers Mail and Breeze and write for prices.—Advertisement.

F. M. Hammon, Smith Center, Kan., a Poland China breeder, has 20 good last September gilts for sale. They will be bred for October farrow and priced right. They are by a 2-year-old boar weighing around 700 pounds in ordinary flesh and his sire weighed over 1000 pounds. The sows that farrowed these gilts are of the big, prolific kind. The 20 gilts were immunized last fall. Mr. Hammon also offers spring pigs at weaning time. Look up his advertisement in this issue of the Farmers Mail and Breeze.—Advertisement.

George W. Goodman, Lenora, Kan., is a Poland China breeder and his advertisement appears in the Norton county breeders' advertising section. His herd is not a large one but is carefully handled and represents the best of breeding and is culled closely. Mr. Goodman does not hold public sales but sells at private sale his surplus stock that is suitable for breeding purposes. At present he has a nice lot of spring pigs of March and April farrow that are for sale. They will be immunized and will be ready to ship after June 1. They are out of big, prolific sows and sired by herd boars of strictly big type breeding and representing the most popular blood lines. Look up his advertisement in the Norton county breeders' section.—Advertisement.

C. D. Close, Gorham, Kan., is a pioneer breeder of Poland Chinas. He breeds the

big medium type that combines quality with lots of size. He has a nice lot of March and April pigs that will be sold at private sale. He also breeds standard bred horses and in fact everything on the farm in the way of livestock is pure bred, including English bull dogs. He owns a section of good land in Russell county and takes an active part in the affairs of Russell county's big fair at Russell every fall. Watch for his advertisement which will appear soon in the Farmers Mail and Breeze.—Advertisement.

F. J. Moser, Goffs, Kan., breeds Duroc-Jerseys and has a herd boar prospect that was farrowed October 2, last, and he wishes to sell him immediately as he needs the room. He has been holding him at \$50 but the first man that sends him \$35 will get the boar. The writer saw him in April and he is really a good herd boar prospect and anyone needing a good boar will be lucky to land him at this price. He is of Pal's Model breeding. Mr. Moser is sold out except this boar which he has been holding at a little higher price but now he goes at the price mentioned. He will have spring pigs for sale after June 1. Write Mr. Moser about this boar.—Advertisement.

F. C. Gookin, Russell, Kan., breeds Chester White hogs. Everything he has is eligible to register in any association. He has about 70 pigs, of March and April farrow, that are doing fine. They are for sale as soon as they have been immunized and safe to ship. Everything else is immune. He is offering three last fall boars for immediate sale and will price them cheap to move them as he needs the room. Mr. Gookin is well and favorably known as a breeder of Chester Whites and his shipped all over the country. He expects to be on hand at the Topeka State Fair with an exhibit this fall and will show what they can do in the West in the hog business. Look up his advertisement in the Farmers Mail and Breeze.—Advertisement.

Big Spotted Poland Pigs.

R. J. Bazant, Narka, Kan., (Republic county) is advertising in the Poland China section of the Farmers Mail and Breeze, 100 March and April Spotted Poland China pigs. These pigs are from foundation stock which Mr. Bazant bought from leading Spotted Poland China breeders in the East and his herd sows are as choice a lot of brood sows as the writer ever saw. They are certainly big and prolific. Mr. Bazant is making farmer's prices on these pigs in lots to suit the purchaser. Write him now for prices.—Advertisement.

A Kansas Auctioneer.

Jas. T. McCulloch, Clay Center, Kan., has conducted almost 100 public sales for purebred stock breeders and leading farmers during the past seven months. In this issue of the Farmers Mail and Breeze will be found his advertisement. "Once a customer always a customer" will build up any man's business and that is the "milk in the cocoon" in accounting for the success of this popular livestock auctioneer. His charges are very reasonable and he will give you perfect satisfaction, no matter how big or important your sale. Write him for terms and open dates.—Advertisement.

An Experienced Veterinarian.

L. J. Goodman, Lenora, Kan., is a D. B. M. that makes a specialty of hog vaccination. He is located with his father, George W. Goodman, on the latter's farm near Lenora. Dr. Goodman is a graduate of the Kansas City veterinary college and maintained an office in Norton for three years.

MULE FOOT HOGS.

Buy Big Type Mulefoot Hogs from America's Champion Herd. Low cash prices. Big catalog is free. Jas. Dunlap, Williamsport, O.



54 extra heavy, 3, 4 and 5-yr.-old registered Percheron stallions ready for heavy stand; 38 growthy 2-year-olds ready for someservice and develop on. 19 Belgian stallions. It is a good idea to come right to the farm where they are grown and buy at first cost. Just above Kansas City, 47 farms daily. Fred Chandler Percheron Ranch, R. 7, Chariton, Iowa

Register Your Good Mares

The Wagon Horse Association is now registering, for foundation stock, choice 1100 and 1400 lb. mares under 16 hands (no ancestry requirements). Offspring of animal thus registered when mated with Registered Percherons under 1800 lbs. will be the new horse. Fill out the coupon and return to



WAGON HORSE ASSOCIATION W. B. Carpenter, Pres. 818 WALNUT ST., KANSAS CITY, MO.

Dear Sirs: I wish to register my mare, name..... in your association, weight..... lbs., age....., height....., color and markings..... As to quality of animal I refer you to..... Upon receipt of notice that animal has been accepted for registry I agree to remit \$2.00 for same. Name..... Address.....

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This Beautiful SET RING FREE

Warranted genuine gold filled—will wear for years. Most valuable ring ever offered on such easy terms. Set with two Rubies and two Brillants. Latest style and most substantial mounting. A Ring that is sure to please. One Ring Free to all who send 50 cents to pay for a two years' subscription to our big home and story magazine "The Household". Be sure to say what size you want. Address HOUSEHOLD, Dept. 53-R, Topeka, Kansas.

LIVESTOCK AUCTIONEERS.

Rule Bros., H. T. & R. D., Ottawa, Kan. Livestock sales a specialty. Write for dates.

Jas. T. McCulloch, Clay Center, Kan. References I am selling for every year. Write for open dates.

R. L. Harriman, Bunceton, Mo. Selling all kinds of pure bred livestock. Address as above

Spencer Young, Osborne, Kan. Livestock Auctioneer. Write for dates.

WILL MYERS, BELOIT, KAN. LIVESTOCK Reference, breeders of North Central Kan. Address as above

FLOYD YOCUM LIVESTOCK and REAL ESTATE AUCTIONEER ST. JOHN, KAN.

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Sell your farms and city property at auction, as well as your pedigreed livestock. Write either for dates. Also instructors in

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HORSES.



FARMERS MAIL & BREEZE ENGRAVING DEPARTMENT TOPEKA, KANSAS CUTS UP YOUR LIVESTOCK FOR LETTERHEADS & SALE CATALOGS

BERKSHIRE HOGS.

Berkshire Pigs \$12.50 and \$15 each. Pairs and trios not related. Pedigree with each pig. E. J. LIMBOTT, Holton, Kan.

HAZLEWOOD'S BERKSHIRES Bred gilts all sold. Booking orders for spring pigs. Prices reasonable. W. O. HAZLEWOOD, WICHITA, KANSAS

Meadow Brook Berkshires 500 to 1000 Head

always on hand. Our sows are the best we can get of all the leading families. We keep 6 to 8 of the best herd boars we can produce or buy. All immune and nothing except good breeding animals shipped. Write your wants today.

E. D. King, Burlington, Kansas

CHESTER WHITE HOGS.

IMMUNED O. I. C'S. Booking orders for March trios not skin. A. G. COOK, LURAY, KANSAS

O. I. C. FALL BOARS for sale. Also booking orders for spring pigs, both sexes. Everything immune. Registered tree. F. C. GOOKIN, RUSSELL, KANSAS

Silver Leaf Herd O. I. Cs. A fine two-year-old sow, sired by International Boy, bred for last of August farrow. Price \$40. January, February and March pigs, both sex, not related. Bred right and prices right. Satisfactory. G. A. CAREY, W. N. J. MOUND FACTORY GUARANTEED. VALLEY, KANSAS

Fehner's Herd of O. I. C. Swine Anything shipped anywhere on approval. Write today for prices. Herd immune. Member of either O. I. C. or C. W. Ass'n. HENRY F. FEHNER, Higginsville, Mo.

Smooth Heavy Boned O. I. C's 180 choice spring pigs, priced right. Descendants from blue ribbon winners, champions and grand champions. All ages for sale at all times. Write for circulars, photographs and prices. F. J. GREINER, Billings, Mo.

Kansas Herd of Chester White Or O. I. O. Swine Pairs and trios not related. Shipped in light crates and satisfaction guaranteed. Pedigrees with each pig. Priced for quick sale. Arthur Mosse, Route 5, Leavenworth, Kan.

POLAND CHINA HOGS.

Enos Immuned Polands Three choice late spring boars now ready for service. Also 30 choice late summer boars and gilts. They are all sired by Chester Chief and Mastiff. A. R. ENOS, Ramona, Kan.

Poland China Gilts bred to your order. Also two good fall boars for sale. Write Andrew Kosar, Delphos, Kan.

FAIRVIEW POLAND CHINAS For Sale: Gilts and tried sows, bred for early fall litters. Also a few serviceable boars and a fine lot of early spring pigs. Write: F. L. WARE & SON, Paola, Kan.

Spotted POLAND CHINAS Four extra good September boars at \$20 each to move them quick. Worth double this amount if you need a good one. Pigs for sale at 10 weeks old. Papers with every pig. Carl F. Smith, Cleburne, Kan.

Original Big Spotted Polands !! Private Sale—51 pigs for sale at 10 weeks old. Papers with every pig. Farmers prices. Shipped in light crates. Out of pasture sows and half two sows. Alfred Carlson, Cleburne, Kansas

Ship On Approval 30 choice Poland China pigs ready to ship—can furnish boars and gilts not related. A few serviceable boars and some fall gilts bred or open. The best of big type breeding. All at farmers prices. Ed. Sheehy, Hume, Missouri

BRED GILTS—PRIVATE SALE

20 extra choice Aug. and Sept. Poland China Gilts, sired by Kansas Chief, and out of my choice herd sows. Immunized last fall. Pedigree with each gilt. Have just started breeding them. 60 pigs, both sexes, for sale. Farmer's prices. F. M. HAMMON, SMITH CENTER, KAN.

Big Spotted Polands

100 pigs at private sale at 10 weeks old. Both sexes. Pairs and trios not related. I sell these pigs at farmers prices and guarantee satisfaction. Pedigrees with every pig. Write to day. R. J. BAZANT, Harka, Kan., Republic Co.

Big Type Polands!

Herd headed by the 1020 pound Big Hadley Jr., grand champion at Hutchinson, 1915. Fall boars by Big Hadley Jr. and Young Orphan, by Orphan Big Gun that was 1st in Oklahoma Futurity, 1915. We are booking orders for spring pigs out of our best herd and show sows. A. J. ERHART & SONS, Ness City, Kan.

DUROC-JERSEY HOGS.

IMMUNE DUROCS: Choice fall boars. Best of blood lines, one and two years old. Every animal guaranteed. E. L. HIRSCHLER, Halstead, Kan.

SPRING PIGS FOR SALE Immunized and ready to ship. I have a big crop of pigs and will price pigs early at very reasonable prices. Address: F. J. MOSER, GOFFS, KANSAS

TRUMBO'S DUROCS Herd Boars: Golden Model 86th 146175, Crimson McWander 160983. Constructor 187651. Write your wants. WESLEY W. TRUMBO, FEABODY, KAN.

Dr. Goodman is just the man to employ to vaccinate your hogs if you have not already made arrangements. He is thoroughly competent and being associated with his father in the Poland China business has familiarized him with the business from a practical standpoint. He has had lots of experience in vaccination and is already busy. If you need his services you better get in touch with him at once. His card appears in the Norton county breeders' advertising section.—Advertisement.

Choice Angus Bulls.

Johnson Workman, Russell, Kan., is well known to the Angus cattle breeding fraternity all over the country. Twenty years ago he was associated with the Sutton interests in breeding Angus cattle at Russell and later at Lawrence. Later he assembled what is very likely one of the best herds of Angus cattle in the West at Russell, where he is going it alone in the business. At the head of his herd is the great bull, Louis of Viewpoint 4th, one of the well known Angus sires. He has about 60 breeding cows and at present has a number of bulls for sale from 3 to 13 months old. He also breeds Duroc-Jersey hogs and has enjoyed a ready sale for both cattle and hogs this winter and spring. Mr. Workman takes an active interest in everything that pertains to better stock and is an active booster for the Russell county fair which will be held at Russell October 3-6. Mr. Workman is a regular advertiser in both the Angus and Duroc-Jersey sections of the Farmers Mail and Breeze and he has stock for sale at all times.—Advertisement.

Best Chester White Breeding.

Arthur Mosse, Rural Route 5, Leavenworth, Kan., is the well known Chester White hog breeder of that section. He has 76 pigs of spring farrow and is offering them for sale at weaning time. Last winter Mr. Mosse went to Iowa, the recognized Chester White hog center, and bought liberally of the best to be had. Among the choice sows bought is Calamity Ann, sired by The Wonder, conceded one of the greatest sires of the breed. Her dam was the great producing sow, Juniata O. K. Again, that has produced so many prize winners. Four of the best pigs in the litter from this great sow are for sale. The gilts are reserved but if you want a boar with a record back of him get in touch with Mr. Mosse at once. These pigs are offered at weaning time at very fair prices and will be shipped in light crates, making the express charges much lighter. Mr. Mosse has a great herd and a great crop of spring pigs to select from. Write him at once.—Advertisement.

He Selects the Best.

L. C. Walbridge, Russell, Kan., has bred Poland China hogs ever since he came to Russell county, which was over 30 years ago. Mr. Walbridge is located on the Saline river where he has plenty of running water and alfalfa and an ideal farm for the hog business. He owns 3,000 acres of land in this vicinity, 1,000 of which is in cultivation. For the past few years he has taken an active interest in purebred Poland China hogs and has bought liberally from Nebraska and Iowa herds such animals as suited him but the writer does not remember of his ever buying simply because the animal was cheap. She had to be bred right and suit Mr. Walbridge before she went to his herd. The herd Mr. Walbridge has assembled by reserving the best of his own raising and by additions from the outside will compare favorably with any herd in the state. He has 150 pigs, mostly of March farrow. The conditions under which they are being grown is ideal. Plenty of shade, running water and alfalfa pasture and under the direct care of Mr. Walbridge insures a splendid lot of boars and gilts which will be sold this fall at private sale. The herd sows and herd boars in this herd are of the big type but quality has been guarded and the herd is really one of the good herds in the state at least. He has about 20 gilts that were yearlings in April that will be bred and offered for sale in September. Also the tops of the boar and gilt spring crop. Watch for Mr. Walbridge's advertisement which will appear later in the Farmers Mail and Breeze.—Advertisement.

Nebraska and Iowa

BY JESSE R. JOHNSON.

Smith Brothers, sons of Albert Smith, the old time Poland China breeder of Superior, Neb., and successors to Albert Smith & Sons, announce their nineteenth sale, but the first under the new firm name. The date will be October 25 and the usual good offering will be put up. The brothers Lon and Curtis have grown up in the business. They have about 150 fine spring pigs on the two farms, sired by Jumbo Jr., Giant Wonder and Amazon Ben. They also own the great breeding boar Nebraska Wonder, that sired the grand champion sow at Nebraska State Fair in 1914. Smith Brothers have a lot of this blood in the herd. They have bred a number of sows to the old sire for fall litters. He is one of the best living sons of old A Wonder. The Smiths have raised and sold hundreds of good Polands in the 20 years they have been in the business. Last spring a bred gilt sale after the tops had been sold in fall sale resulted in a \$49 average.—Advertisement.

Two Good Nebraska Duroc Herds.

Living on adjoining farms and knowing well the value of co-operation, J. E. Freett & Son and E. J. Nachingall & Son are working together in their Duroc-Jersey breeding operations and much is being accomplished that neither could do alone. They own the splendid young boar Tops Col. Chasmar in partnership and many of Nachingall & Son's good sows are daughters of the Freett's great breeding boar Big Lincoln Valley Chief. Nachingalls own the sow Bell Lorene that topped the Freett sale last winter. She was sired by Royal Select and on dam's side is a granddaughter of old King the Col. Mr. Freett has some extra fine fall gilts out of this sow, sired by old King the Col. that he is growing out with about 20 more for the February 1 sale that he and Messrs. Nachingall are making jointly. The Big Lincoln Valley Chief never looked better to the writer and it is no exaggeration to say that he is one of the best big type Duroc boars in Nebraska and he is also one of the few line-bred Ohio Chief boars living. Mr. Freett has one litter sired by Col. Sensation, out of a dam by Defender.—Advertisement.

DUROC-JERSEY HOGS.

DUROC-JERSEY BOARS AND GILTS Bred to order the champion Critic B. 200 pound fall boars, priced right. E. T. & W. J. GARRETT, Steele City, Neb.

Durocs of Size and Quality

Fall herd boars and gilts of large smooth, easy feeding type. From the champions Defender, Superba, Golden Model, and Gano Breeding. Prices reasonable. JOHN A. REED, LYONS, KAN.

Big Type Herd Boars

20 big, husky yearling and fall boars, by G. M.'s Crimson Wonder and Good Enuff Chief Col. A choice yearling by Illustrator II and a Golden Model dam at \$50. Herd leader prospects. Order quick for first choice. G. M. SHEPHERD, LYONS, KAN.

DUROCS—RED POLLS—PERCHERONS

20 immune boars, \$30 each. 2 bulls \$125 each. Young ton stallions—bed rock prices. 1 good registered jack GEO. W. SCHWAB, Clay Center, Nebraska

BONNIE VIEW STOCK FARM

Duroc-Jerseys Fall boars and gilts by A Critic out of sows by Grand Champion Tat-A-Walla. SEARLE & COTTLE, BERRYTON, KANSAS

30 Duroc Boars 100 to 180 lbs. \$15 to \$25

4 herd prospects, \$30 to \$35. 50 gilts to farrow in August. A few tried sows bred for June farrow. \$25 to \$30. Write me. I price them worth the money. J. E. WELLER, FAUCETT, MISSOURI

Jones Sells on Approval

80 March pigs at weaning time. Don't fail to write me for breeding and prices. Sows to farrow in August for sale. W. W. JONES, Clay Center, Kansas

DUROCS \$20

Norton County Breeders Association

HEREFORDS—POLANDS Quarter Mischief, a grandson of Best Mischief head-herd. 50 spring pigs. Annual cattle and hog sale in February. C. F. BOKERT, Oronogo, Kan. POLAND CHINAS 15 top Sept. boars by Panama Giant. 50 set of a big Orange dam. 100 Spring pigs. Annual boar and gilt sale Oct. 11 at Norton. J. F. FOLEY, Oronogo, Kansas. Poland China Pigs March and April farrow for sale. Pairs and trios not related. Ship over N. I. or Mo. Pac. All immunized. Geo. W. GOODMAN, Leona, Kan. Poland Chinas 10 Sept. gilts by Lull's Greenie. Will sell them open or breed them to your order. Boar and gilt sale Oct. 20. PETER LUFT, ALMENA, KANSAS. SHORTHORNS 4 yearling bulls, by Pilot, by the 2700 pound Victrola King; Finner, a grandson of Avedale and Whitehall Sultan head our herd. N. S. LEUBLER & SON, Almenna, Kansas. Percherons—Shortorns—Polands October gilts, bred or open. For sale, Burroughs-Hoag, by Lord Bruce head our Shortorn stock. G. E. FULTON, HANCOCK, Mo. Percherons—Shortorns—Polands 18 Sept. and Oct. gilts, by Jumbo Prospect, by Lord's Orange for sale open or bred to your order. G. E. FULTON, HANCOCK, Mo. Shortorns—Poland Chinas For sale with month's old head bull, Mastiff's Prince, got by His Highness. I am keeping his get. Write A. W. LLOYD & SON, Almenna, Kan. COL. W. M. PATTON, Leona, Kansas Devoting my time to the business. Address as above. COL. C. H. PATTON, Norton, Kansas Favored about sales and the best prices obtained. Write or phone. Address as above. L. J. Goodman, D.V.M. Leona, Kan. Hog vaccination a specialty.

Marshall Co. Pure Bred Stock Breeders

Nothing but first class animals offered for sale for breeding purposes. It is economy to visit herds located in our locality. For the best in purebred livestock write these breeders or visit their herds.

HEREFORD CATTLE.

Pleasant Valley Herefords. 4th July bull calves and some good heifer calves coming 1 yr. old. GEO. E. MELLER, Blue Rapids, Kansas

Hereford Cattle

All sold out of service-able bulls present. Will have some for spring shipment. E. E. & A. W. GISSON, Blue Rapids, Kan.

Willow Brook Herefords

Five yearling registered bulls for sale. B. M. WINTER, IRVING, KANSAS

WALLACE HEREFORDS.

Nothing for sale at present. A nice lot of young bulls coming on for next fall and winter trade. Thos. Wallace, Barnes, Kan.

Wm. Acker's Herefords!

FOR SALE: 10 bulls, from 5 to 9 months old. Address WM. ACKER, Vermillion, Kansas

Clear Creek Herd of Herefords—

Nothing for sale at present. A fine lot of bulls coming on for fall trade. J. A. SHAUGHNESSY, Astell, Kansas.

HEREFORDS

High and registered. Farm 2 miles out. W. B. HUNT & SON, Blue Rapids, Kan.

Home of Maple Lad 34th and Beau

Perfection 20th. Young bulls for sale next fall and winter. Address J. F. SEDLACKER, Blue Rapids, Kansas

SHORTHORN CATTLE.

PURE SCOTCH BULL that is pure white for sale. A few heifers trading to Choice Goods. DR. P. C. MCCALL, Irving, Kan.

SHORTHORNS—POLANDS

Bargain in Hard bull. 10 picked fall boars. A. E. GARRISON, SUMMERFIELD, KAN.

DUROC-JERSEY HOGS.

Wooddell's Durocs One summer boar and a few bred gilts sired by Cowley Wonder; also some fall gilts and boars. Priced to move. G. B. Wooddell, Winfield, Ka.

DUROC-JERSEYS

Buy the kid a registered pig Express prepaid to any Kansas point Boars and sows not related. \$17.50 Johnson Workman, Russell, Kan.

BANCROFT'S DUROCS

Everything properly immuned. No public sales. For private sale, gilts open or bred to order for September farrow. Spring pigs either sex. Pairs or trios not related. Weaned May 1st. D. O. BANCROFT, OSBORNE, KANSAS Shipping Point, Downs, Kansas

Duroc Boars and Gilts

With Breeding, Quality and Size A few, choice, fall boars and gilts, sired by GOLDEN MODEL AGAIN and CRIMSON SURPRISE, out of our best sows. Guaranteed to please. Good prospects for useful breeders and show purposes. Correspondence fully answered. Lant Bros., Dennis, Kan.

Duroc boars \$20, sired by Belle The Boy, first prize winner at several state fairs. Duroc gilts bred to farrow this fall \$20. Baby boars, \$10, sired by Model Top Aggie, winner at the Hutchinson and Topeka State fairs. Baby gilts, \$20. Any hog not satisfactory can be returned by paying express. R. W. BALDWIN, CONWAY, KAN.

Poland China Hogs.

Albright's Polands For Sale, Jan. 20. Two pigs, 12 last fall gilts, 24 March and April boars and gilts. A. L. ALBRIGHT, WATERVILLE, KAN.

45 FALL PIGS

both sexes, Aug.-Sept. farrow. By Sunflower King, by King of Kansas. N. E. COPELAND, Waterville, Kansas.

DUROC-JERSEY HOGS.

Red Polls, Duroc Jerseys, O. I. C. Hogs Young stock for sale. Write for prices. L. R. LATOUE, HUME, MO.

ILLUSTRATOR

We offer choice gilts bred to a splendid son of Illustrator. Also spring boars. Address A. E. SHADDEN & SON, Frankfort, Kansas

Spring Boars

by five different sires. A royal lot of big stretchy fellows and only the tops offered. HOWELL BROS., HERRIKER, KAN.

FANCY POULTRY.

Barrad (Thompson strain) and white. Stock for sale. Eggs in season. Address JOHN BYRNE, Astell, Kansas

S. C. White Leghorn Eggs

\$2 for 15 or \$4 per 300, from a strain that was hatched by and done by W. J. HARRISON, Astell, Kansas

DAIRY CATTLE.

MILLS' JERSEYS One six months and 2 two months old bulls, from Agness's Lost Time 18613. Prices reasonable. C. E. MILLS, WATERVILLE, KAN.

WILLOW SPRINGS JERSEY FARM

Golden Fawn's Lost Time 25526 ahead of her & others a few young bull calves. Joseph Krany, Waterville, Mo.

Jerseys and Duroc Jerseys

Nothing for sale at this time. C. H. Welch, Waterville, Kansas

HOLSTEINS

Cows and heifers for sale. Registered and grade. Address LAUREL BROS., ASTELL, KANSAS

HAMPSHIRE HOGS.

REGISTERED HAMPSHIRE 150 gilts and boars, all ages. Cholera immuned. Satisfaction guaranteed. C. E. LOWRY, Oxford, Kan.

HAMPSHIRE: A few choice fall boars and spring pigs, either sex, not related. F. B. Wempe, Frankfort, Kansas

Shaw's Hampshires

150 registered Hampshires, nicely belted, all immuned, double treatment. Special prices on spring pigs. Satisfaction guaranteed.



HEREFORD CATTLE.

Registered horned and double standard polled Hereford Bulls For Sale

Also a few horned heifers. JOHN M. LEWIS, LARRED, KANS.

Two Registered Hereford Bulls

for sale. One 4 years old (wt. 1350) and one 2 years old. Also some good Friesian bulls.

Mora E. Gideon, Emmett, Kansas

The Polled Hereford Farm

Has a car of coming Three-year old Bulls, Polled and Horned Herefords, splendid condition. Good ones. Write

HANDLEY & HOPPER Ness City, Kansas

ABERDEEN ANGUS CATTLE.

Aberdeen Angus Cattle

Herd headed by Louis of View-point 4th. 150024, half brother to the Champion cow of America

Johnson Workman, Russell, Kan.

Edgewood Farm

Aberdeen-Angus Cattle

I have twenty registered Angus bulls—yearlings and two year olds, and one five year old for sale.

D. J. WHITE, CLEMENTS, KANSAS Main line of Santa Fe, 145 mi. west of K. C.

ANGUS BULLS

25, from yearlings to 8-year-olds. Bred from best strains. Call or address J. W. McREYNOLDS & SON, Montezuma, Kans., or Dodge City, Kans.

POLLED DURHAM CATTLE.

Double Standard Polled Durhams Young bulls and females for sale. C. M. HOWARD, Hammond, Kansas

75 POLLED DURHAMS

(Hornless Shorthorns) Double registered. Roan Orange, 2000, in herd. 15 bulls, reds and roans, low and blocky; halter broke. Will meet trains. Write

J. C. Banbury & Sons, Pratt, Kansas

RED POLLED CATTLE.

Registered Red Polled Bulls ready for service. P. J. MURTA, Cuba, Mo.

FOSTER'S RED POLLED CATTLE Write for prices on breeding cattle. O. E. FOSTER, R. 4, Eldorado, Kansas.

Pleasant View Stock Farm Red Polled cattle. Choice young bulls and heifers. Prices reasonable. HALLOREN & GARRILL, Ottawa, Kansas

SHORTHORN CATTLE.

Shorthorn Bulls For Sale! Six heifers, two-year-olds. Reds and roans. L. M. NOFFSINGER, OSBORNE, KANSAS

PURE BRED DAIRY SHORTHORNS Double Marys (Flatrock Strain) and Rose of Sharon families. A nice lot of young bulls for fall and winter trade. R. M. ANDERSON, BELOIT, KANSAS

GUERNSEY CATTLE.

GUERNSEYS FOR SALE

Several choice males for sale.

Overland Guernsey Farm C. F. Holmes, Owner Overland Park, Kansas 8 miles south of K. C. on the "Strang Line"

GUERNSEY Pure Bred Bulls

Breed up your Herd. High class young individuals from Wisconsin, with Advanced Register ancestry at bargain prices. A rare opportunity to secure some of the best blood in the Guernsey breed.

Tested for tuberculosis and guaranteed as breeders. Send for List. HELENDALE FARMS, 700 Cedar St., Milwaukee, Wis.

JERSEY CATTLE.

LINSCOTT JERSEYS

Kansas First Register of Merit Herd. Established in 1873. A surplus of young bulls (nothing better) at bargain prices. R. J. LINSCOTT, HOLTON, KANSAS

HOLSTEIN CATTLE.

Montgomery County Holstein Friesian Association

Raising Registered Holsteins no trading, herd tested every year and recorded by the State of Kansas. Tredico Farm, R. 2, Kingman, Kan.

S. E. Kan. and Missouri

BY C. H. HAY.

The Ware Poland Chinas.

P. L. Ware & Sons of Paola, Kan., breed a utility type of Poland Chinas. This firm is well known to the readers of Farmers Mail and Breeze as they have been advertising in this paper for several years. We have never had a complaint from customers of this firm. They are absolutely on the square. They know Poland Chinas and are very careful not to send out anything that will not please a customer.

Publisher's News Notes

A Pump to Pump Water.

Your water pumping problem is solved if you have a Fuller and Johnson farm pump engine. This engine is built for the special purpose of pumping water. It's an ideal engine for that purpose. It's so good that it is sold all over the world and under all conditions. It is easy to buy. It saves labor and money. It assures plenty of water when you want water. It saves worry. It's made by a trustworthy firm, the Fuller and Johnson Mfg. Company, 51 Manning St., Madison, Wis.—Advertisement.

Treatment for a Stifle Slip

We have a mule 1 year old that is lame. When it walks it drags its hind feet. Then sometimes they draw almost to its breast, and often the leg will jerk twice before the mule can put it to the ground again.

It seems to me that there is a contradictory statement in this letter. It is stated that the animal drags its hind feet which means that the limbs are extended backward. This statement is followed almost immediately by saying that the feet draw almost to the animal's breast, or in a forward direction.

In a general way I may say that when the limbs are directed stiffly backward that the animal is affected with stifle slip. The stifle may be caused to return to its proper location by drawing the limb forward so that the toe of the hind foot is near the point of the shoulder of the front limb. In order to effect this, in some instances, the animal will have to be cast and mechanical means used to pull the hind limb forward. After replacement has been effected the animal should be placed in a single stall and the stifle blistered weekly for a period of at least two months.

If the animal's leg is directed backwards but not stiffly it is barely possible that it is suffering from some form of paralysis. If this is the trouble, then it will be continuously present, while if it is stifle slip it will be an intermittent condition, that is, in the latter event the animal will carry its leg apparently in a normal manner during certain periods. If it is paralysis the thing to determine is the particular nerve that is paralyzed. For example, the hind limb may be affected with gluteal paralysis, anterior femoral paralysis, great sciatic paralysis, external popliteal paralysis, anterior tibial paralysis. The treatment of each of these various forms of paralysis varies considerably, and if the owner of an animal is at all suspicious of paralysis he should have some competent graduate veterinarian make an accurate diagnosis for him so that it may be treated intelligently.

Dr. R. R. Dykstra, Kansas State Agricultural College.

Here's L. E. Davis's Chance

We have lost the address of L. E. Davis of Pottawatomie county who wrote the letter in the Farmers Mail and Breeze of May 13, headed "Can You Qualify?" But here's a reply:

I am farming an improved farm with all the improvements he calls for: Barn with feedway; cow shed with stanchions; box stalls for the mares and colts; also a bin in barn; machine sheds, windmill to pump the water. And I have hog sheds and corncribs more than he calls for. I am in need of a good hand and if you have his address I would be pleased if you would forward this letter to him. I should like to know if he is a married man, and what wages he would expect.

As to Blood Warts

I have seen at different times in your valuable paper calls for, and a few cures for blood warts on horses. Tell them to apply a strong solution of sal soda, or washing soda water. We have removed them with a few applications of this after other remedies had failed.

Mont Ida, Kan. B. F. Watkins.

HOLSTEIN CATTLE.

Segrist & Stephenson, Holton, Kansas Prize winning registered Holsteins. Bulls from three months to yearlings for sale. Address as above.

BRAEBURN HOLSTEINS A.R.O. bull calves. H. B. Cowles, Topeka, Kan.

Selected HOLSTEIN AND GUERNSEY heifer and bull calves, \$18.00 each, two for \$35.00. All express paid to your station. Meadow Glen, Whitewater, Wis.

Holstein Heifers to Freshen Soon One yearling bull, one eight months and one three. All registered. BEN SCHNEIDER, Nortonville, Kan.

Reg. Holstein Bulls

Two that are eight months old and one four months. Correspondence and inspection of herd invited. David Coleman & Sons, Denison, Jackson Co., Kansas

HOLSTEIN CATTLE.

HOLSTEIN CALVES

High grade Holstein calves either sex 3 to 4 weeks old from good milking strain of grade Holstein cows \$20 each. We pay the express. Burr Oak Farm, Whitewater, Wis.

A SON OF KING WALKER heads our Herd. He has 30 lb. sisters on his dam's side as well as some that run as high as 32.30 on his sire's side. We are offering for sale, some high bred registered cows and heifers, bred to this bull; also several good bull calves, at attractive prices. HIGGINBOTHAM BROTHERS, Rossville, Kan.

CANARY BUTTER BOY KING

Conceded the best Holstein Bull in Kansas. Two extra choice young bulls, sired by him and out of A. R. O. cows. Write for prices.

MOTT & SEABORN, HERINGTON, KANSAS

HOLSTEIN Cows and Heifers. I have for sale a nice collection of HOLSTEIN cows and heifers, a few registered bulls to go with them. All good big ones, nicely marked, and out of the best milking strains. If you want cows or heifers I can supply you, and that at the right kind of prices. J. C. ROBISON, TOWANDA, KANSAS

200—Holstein Cows—200 You are invited to look over our herd of Holsteins before you buy. We have 150 high grade cows and heifers and a lot of registered bulls to go with them. Three Cows and a Registered Bull \$325 25 cows in milk and 50 to freshen in 30 days. Come and see our cattle, make it easy for us to trade. The quality of the cows and our prices will heifer and bull calves, \$22.50 each, delivered to any express office in Kansas. Send bank draft, or post office money order. LEE BROS. & COOK, HARVEYVILLE, KANSAS

TORREY'S HOLSTEINS Cows and heifers, young springing cows well marked and exceptionally fine; also springing and bred heifers and registered bulls. See this herd before you buy. Wire, phone or write. O. E. TORREY, Towanda, Kan.

Holstein Friesian Farm, Towanda, Kan. Pure bred and high grade HOLSTEINS, all ages. Largest pure bred herd in the Southwest headed by Oak De Kol Bessie Ormsby 156789, a show bull with royal breeding. Pure bred bulls, serviceable age, from A. R. O. dams and sires. A grand lot of pure bred heifers, some with official records. Choice, extra high grade cows and heifers, well marked, heavy springers, in calf to pure bred bulls, constantly on hand. High grade heifer calves 6 to 10 weeks old, \$25. Bargains. Send before purchasing. Wire, write or 'phone us. GIROD & ROBISON, Towanda, Kansas

SHORTHORN BULLS 9 registered Shorthorn bulls for sale. 5 roans, 4 reds. The herd bull is included. His weight is 2,000 pounds; ages from 10 to 22 months. Good ones. H. W. Estes, Sitka, Kan.

Lookabaugh's Shorthorns Herd Headed by Fair Acres Sultan SPECIAL NOW Herd bulls including sons of Fair Acres Sultan, \$200 to \$500; some high cr. Cows with calf at foot and rebred to Scotch bulls, \$400. 20 heifers, Scotch topped milking strain bred to Scotch bull, 2 for \$300. Two Scotch heifers from best producing families, 2 for \$600. Farmer's bulls, Scotch top milking strain, from \$125 to \$200. Write for prices on car lots. The Farmer Cow is the Shorthorn cow; for generations she to spare to make butter for the family, with milk for the table and some for the pigs. Her calf is a rustler and eats the rough feeds of the farm and the sum total, in milk, butter and beef, the Shorthorn makes more money for the farmer than any other cow. The Scotch Cow not only produces this milk and butter, but the best producing families are used. Our success rests on the success of our customers. Special attention is given the beginner. You are always welcome at Pleasant Valley Stock Farm. Write or come. H. C. Lookabaugh, Watonga, Okla.

The Mid-Year Six  
257 Cars in One

*Mitchell*

\$1325 f. o. b. Racine  
With 26 Extra Features

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The Efficiency Expert—Paid by 37 Noted Engineers



The New Mitchell car with its 26 extra features, is due to John W. Bate

He built this model five-million-dollar plant, and equipped it with thousands of cost-saving machines. He has cut our factory costs in two.

No other factory has ever been able to produce such a car at this price. No other car at any price offers a like equipment.

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Mr. Bate's efficiency, in a thousand ways, shows in the car itself.

He has stood for lighter, stronger parts. He has displaced heavy, brittle castings by the score. This New Mitchell contains 440 drop forgings and tough steel stampings.

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He has won the applause of great engineers, all the country over.

We have a list of 37 engineers—men of nation-wide fame—who selected the Mitchell for their personal car. These noted experts found nothing to compare with it. Ask us to mail you the list.

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This year, for the first time, we bring out a Mid-Year Mitchell.

We designed the body and equipment after the New York Show. It is built to embody all the best features brought out in 257 Show models.

**\$1325** F. o. b. Racine  
For 5-Passenger Touring Car  
or 3-Passenger Roadster  
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High-speed, economical Six; 48-horsepower; 127-inch wheelbase; complete equipment, including 26 extra features.

This touring car design—at the New York show—was voted the handsomest ever created. And 73 new ideas—the very latest attractions—are embodied in it.

## 26 Unique Features

You will find in this New Mitchell 26 features which other cars don't have. That is, few cars have even two of them, and no car more than four.

These are extras, due to John W. Bate's efficiency. All are paid for out of factory savings.

By extras we mean a power tire pump, reversible headlights, Bate cantilever springs, etc. There are 26 such things—all costly and desired—which are almost exclusive to Mitchell.

## The Car to Keep

When you buy a fine car—a car to keep—it is bound to be a Mitchell. When you see this car, note its extras, read its records, you'll say, "That's what I've waited for."

The concern which builds it has been known to you all your life. It has spent 13 years, under John W. Bate, in developing this marvelous car.

If you don't know the nearest Mitchell dealer, ask us for his name.

MITCHELL-LEWIS MOTOR CO.  
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